

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066799.D
 Acq On : 21 Sep 2020 22:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:09:52 PM

Quant Time: Sep 22 05:43:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	382083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	647211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	275384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	201041	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.91	113	203668	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.34	98	730195	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.63	95	249500	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	138517	48.846	ug/l	99
3) Chloromethane	2.20	50	180847	43.495	ug/l	99
4) Vinyl Chloride	2.34	62	186062	42.758	ug/l	97
5) Bromomethane	2.77	94	132187	42.822	ug/l	97
6) Chloroethane	2.92	64	115007	42.425	ug/l	91
7) Trichlorofluoromethane	3.27	101	369554	49.168	ug/l	100
8) Diethyl Ether	3.71	74	110494	58.708	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	211591	51.226	ug/l	98
10) Methyl Iodide	4.30	142	208669	53.244	ug/l	99
11) Tert butyl alcohol	5.23	59	68678	263.056	ug/l	97
12) 1,1-Dichloroethene	4.07	96	206200	53.935	ug/l	97
13) Acrolein	3.92	56	76264	265.254	ug/l	99
14) Allyl chloride	4.71	41	332723	54.191	ug/l	95
15) Acrylonitrile	5.43	53	244816	296.935	ug/l	99
16) Acetone	4.16	43	193898	233.569	ug/l	92
17) Carbon Disulfide	4.41	76	634087	52.781	ug/l	99
18) Methyl Acetate	4.71	43	113593	65.204	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	507362	59.580	ug/l	95
20) Methylene Chloride	4.97	84	266545	61.411	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	254825	57.210	ug/l	94
22) Diisopropyl ether	6.36	45	719450	57.668	ug/l	94
23) Vinyl Acetate	6.30	43	1917666	276.338	ug/l	96
24) 1,1-Dichloroethane	6.26	63	436268	55.107	ug/l	98
25) 2-Butanone	7.21	43	300386	277.883	ug/l	97
26) 2,2-Dichloropropane	7.21	77	362262	49.485	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	290808	59.678	ug/l	95
28) Bromochloromethane	7.54	49	143813	48.635	ug/l	91
29) Tetrahydrofuran	7.56	42	199366	301.439	ug/l	94
30) Chloroform	7.71	83	475067	56.384	ug/l	98
31) Cyclohexane	7.98	56	358526	49.789	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	420257	54.508	ug/l	99
36) 1,1-Dichloropropene	8.11	75	343453	51.614	ug/l	99
37) Ethyl Acetate	7.29	43	147105	58.395	ug/l	98
38) Carbon Tetrachloride	8.09	117	364496	51.581	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	398917	52.411	ug/l	95
40) Benzene	8.35	78	1005174	55.835	ug/l	99
41) Methacrylonitrile	7.53	41	86331m	64.733	ug/l	
42) 1,2-Dichloroethane	8.43	62	299048	53.618	ug/l	97
43) Isopropyl Acetate	8.45	43	266936	56.297	ug/l	99
44) Trichloroethene	9.11	130	276537	57.452	ug/l	97
45) 1,2-Dichloropropane	9.38	63	253699	57.004	ug/l	99
46) Dibromomethane	9.47	93	143105	58.516	ug/l	97
47) Bromodichloromethane	9.66	83	373354	56.025	ug/l	98
48) Methyl methacrylate	9.45	41	133540	55.369	ug/l	92
49) 1,4-Dioxane	9.45	88	34356	1311.449	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	695652	284.973	ug/l	96
52) Toluene	10.40	92	653430	56.659	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	320572	53.849	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	382770	54.133	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	190030	58.934	ug/l	97
56) Ethyl methacrylate	10.66	69	225214	61.549	ug/l	98
57) 1,3-Dichloropropane	10.94	76	323916	57.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	439970	273.776	ug/l	96
59) 2-Hexanone	10.98	43	472038	287.789	ug/l	98
60) Dibromochloromethane	11.14	129	248576	59.165	ug/l	100
61) 1,2-Dibromoethane	11.24	107	180812	58.458	ug/l	99
64) Tetrachloroethene	10.87	164	224688	55.487	ug/l	99
65) Chlorobenzene	11.67	112	677309	55.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	258731	57.096	ug/l	98
67) Ethyl Benzene	11.74	91	1219581	54.822	ug/l	98
68) m/p-Xylenes	11.85	106	919022	109.305	ug/l	97
69) o-Xylene	12.18	106	418743	56.358	ug/l	97
70) Styrene	12.19	104	730309	55.846	ug/l	99
71) Bromoform	12.36	173	134613	59.192	ug/l #	100
73) Isopropylbenzene	12.48	105	1138772	55.393	ug/l	98
74) N-amyl acetate	12.29	43	244743	56.436	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	197745	56.607	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	122645m	52.030	ug/l	
77) Bromobenzene	12.76	156	265154	55.960	ug/l	97
78) n-propylbenzene	12.82	91	1360412	54.285	ug/l	98
79) 2-Chlorotoluene	12.91	91	774689	54.669	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	966124	55.581	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	50147	45.913	ug/l	95
82) 4-Chlorotoluene	13.01	91	824676	55.039	ug/l	100
83) tert-Butylbenzene	13.23	119	802706	56.029	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	964960	55.549	ug/l	100
85) sec-Butylbenzene	13.40	105	1116022	54.336	ug/l	99
86) p-Isopropyltoluene	13.52	119	1020684	54.662	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	503931	55.435	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	498841	55.107	ug/l	97
89) n-Butylbenzene	13.84	91	950127	53.512	ug/l	99
90) Hexachloroethane	14.11	117	200187	52.188	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	447184	57.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	32548	57.638	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	282949	60.060	ug/l	99
94) Hexachlorobutadiene	15.27	225	160597	56.580	ug/l	98
95) Naphthalene	15.40	128	527700	64.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	253665	61.644	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

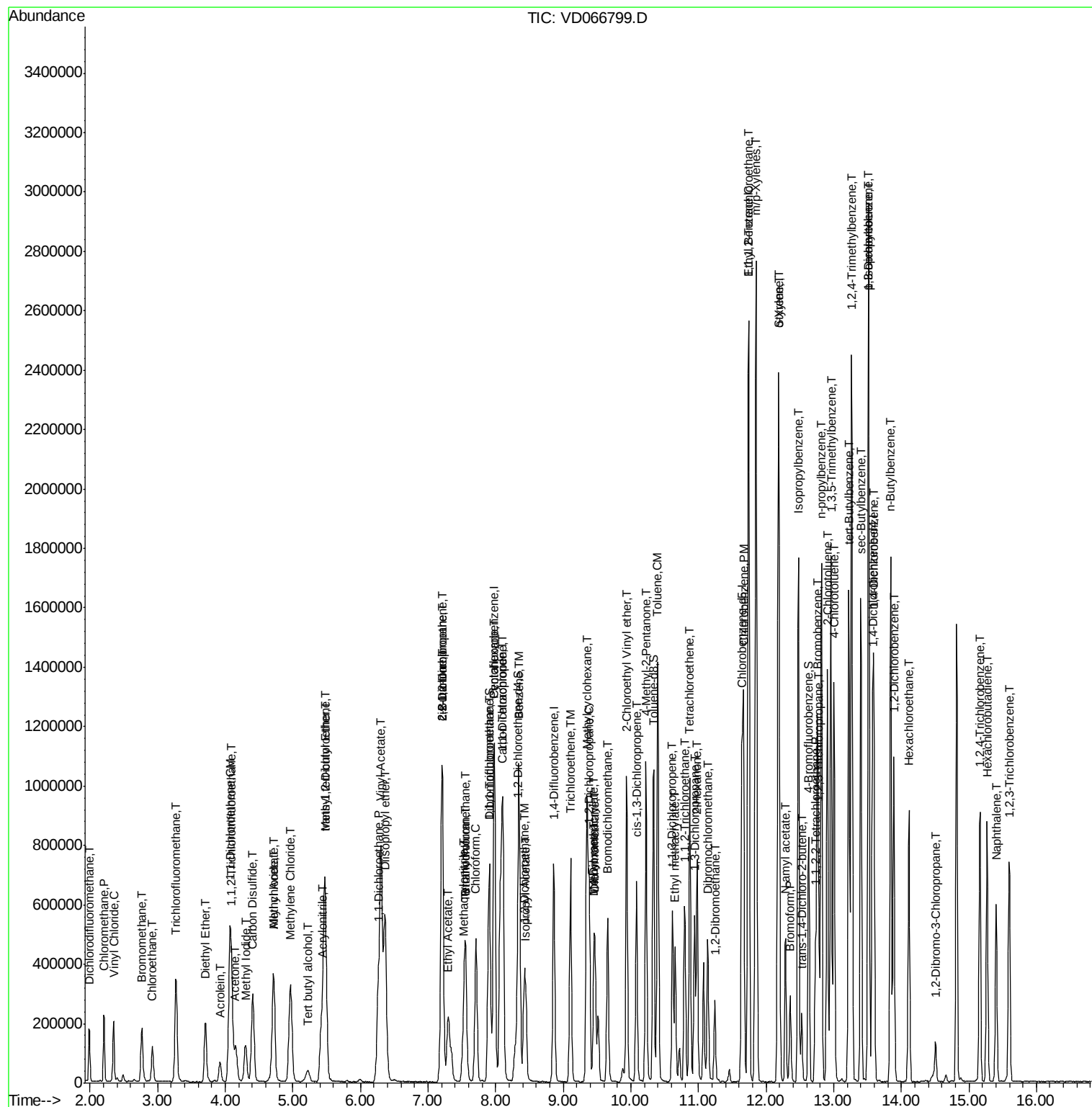
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
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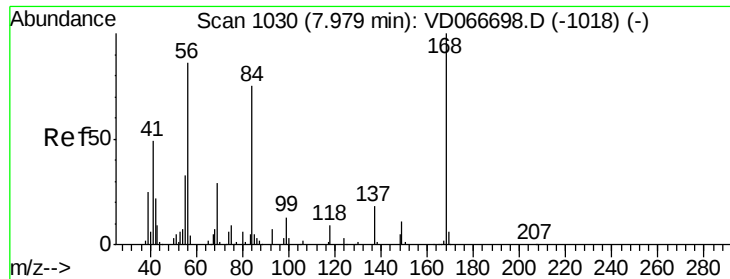
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 382083

Ion Ratio Lower Upper

168 100

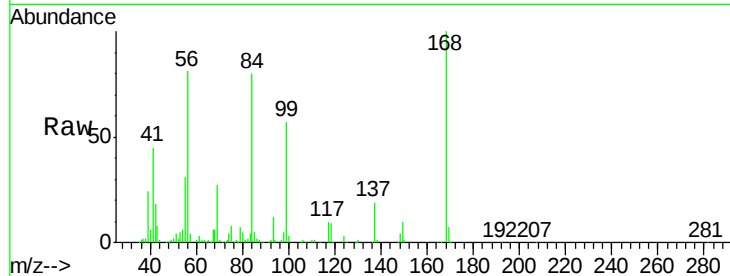
99 57.0 54.4 81.6

Manual Integrations

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9/22/2020 2:09:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

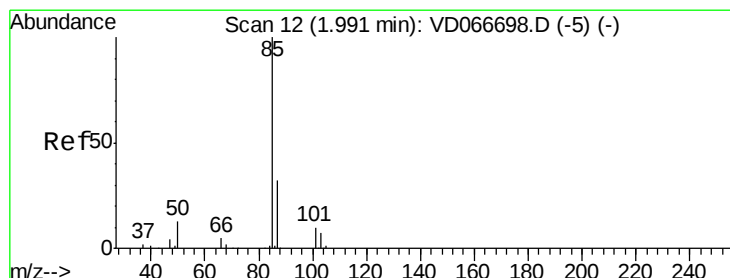
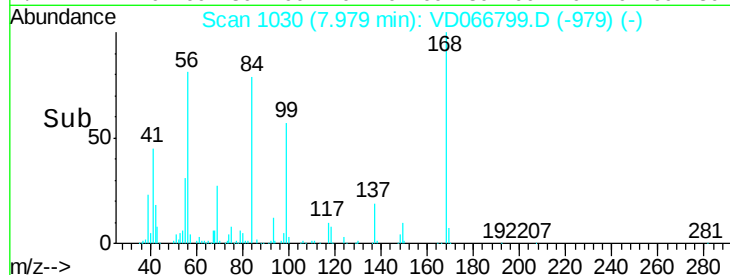
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 48.846 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD066799.D

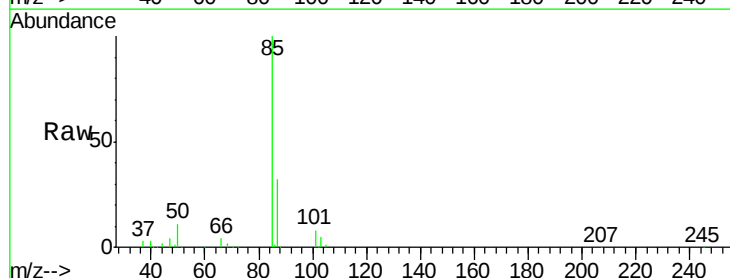
Acq: 21 Sep 2020 22:44

Tgt Ion: 85 Resp: 138517

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

120000

100000

80000

60000

40000

20000

0

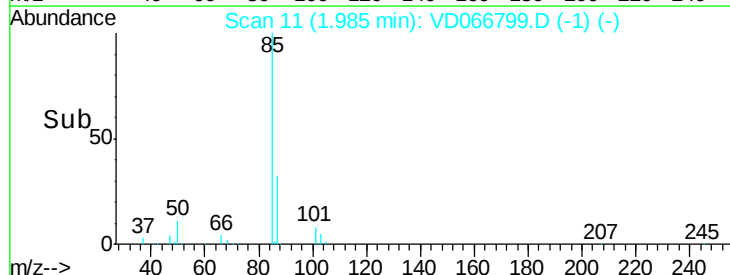
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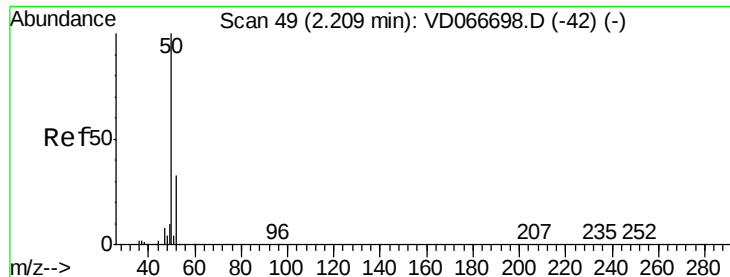
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 43.495 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 180847

Ion Ratio Lower Upper

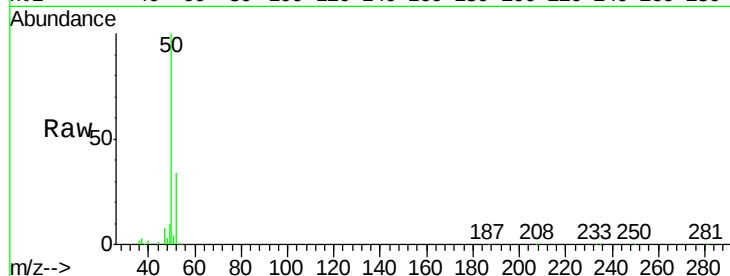
50 100

52 34.0 26.8 40.2

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

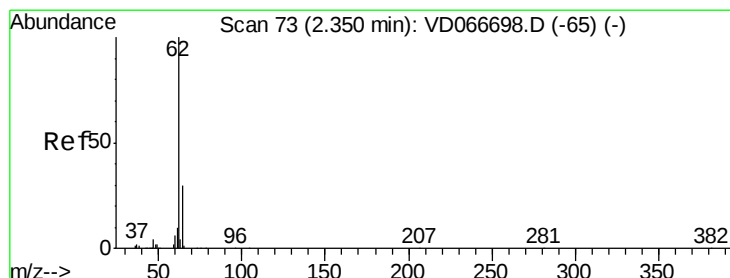
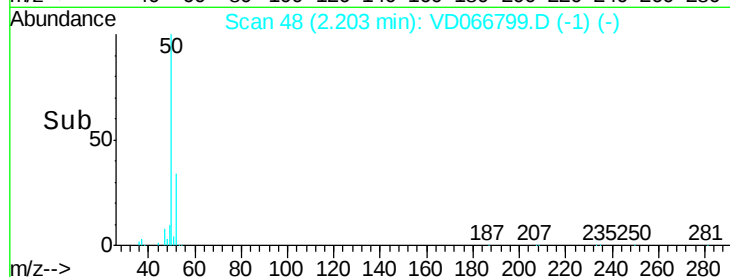
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 42.758 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066799.D

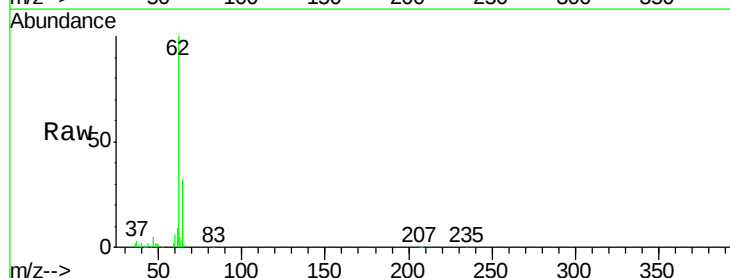
Acq: 21 Sep 2020 22:44

Tgt Ion: 62 Resp: 186062

Ion Ratio Lower Upper

62 100

64 32.2 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

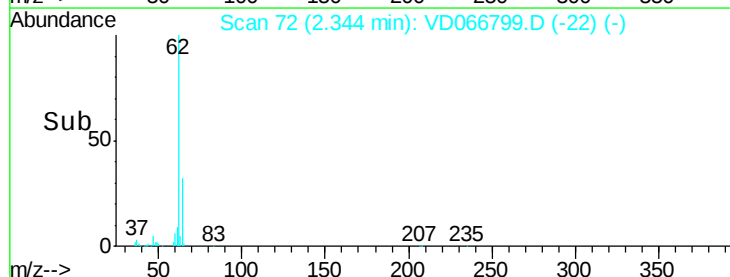
2.34

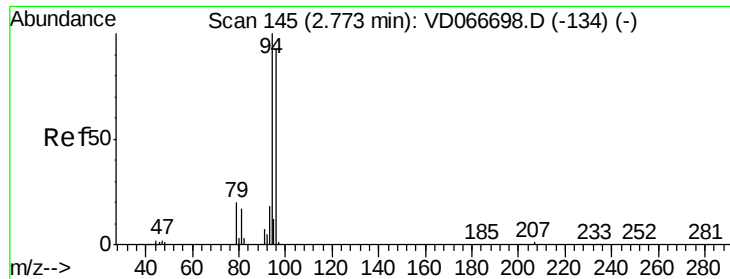
100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.822 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 132187

Ion Ratio Lower Upper

94 100

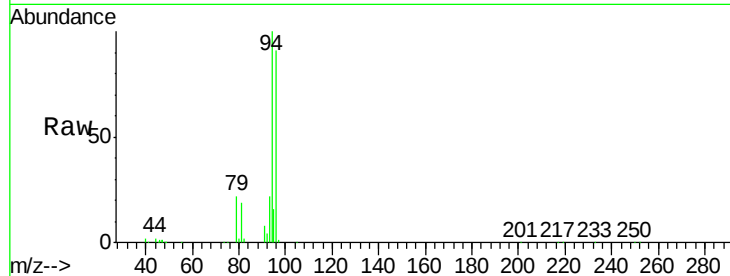
96 90.7 74.7 112.1

Manual Integrations

APPROVED

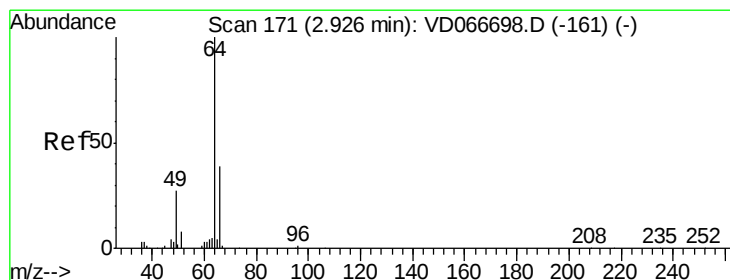
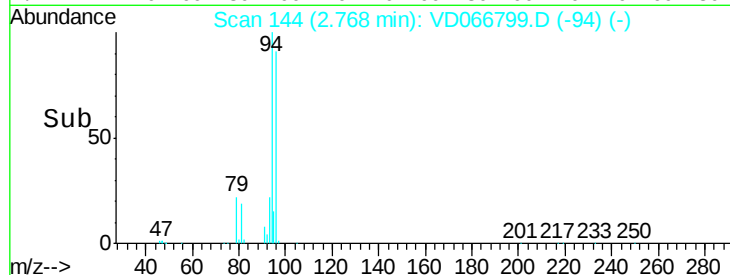
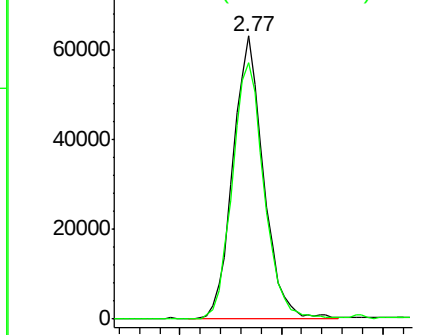
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 42.425 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066799.D

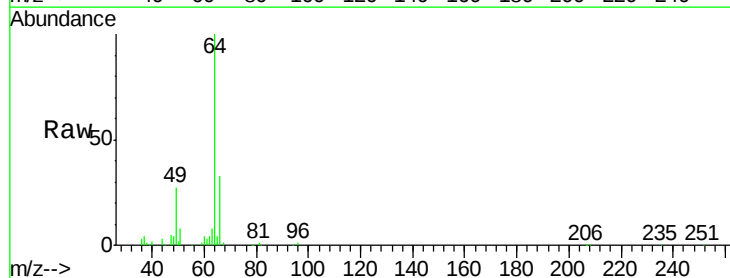
Acq: 21 Sep 2020 22:44

Tgt Ion: 64 Resp: 115007

Ion Ratio Lower Upper

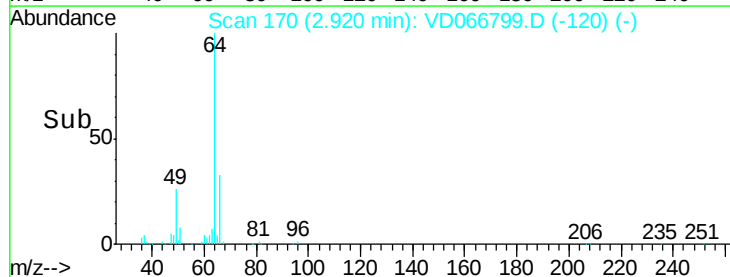
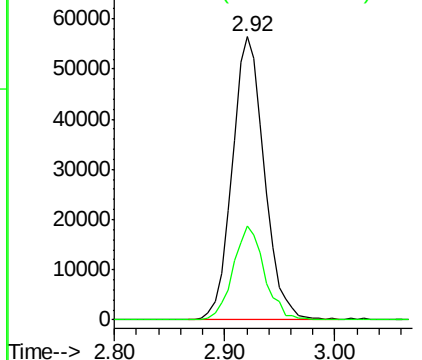
64 100

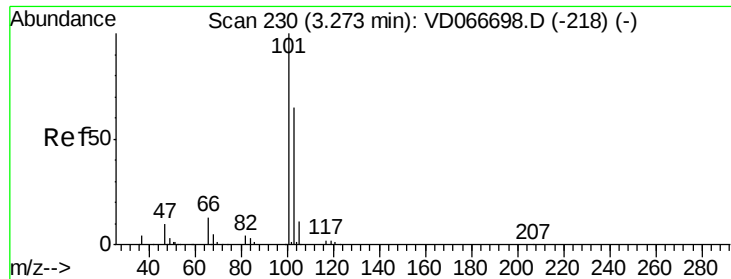
66 33.1 30.9 46.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

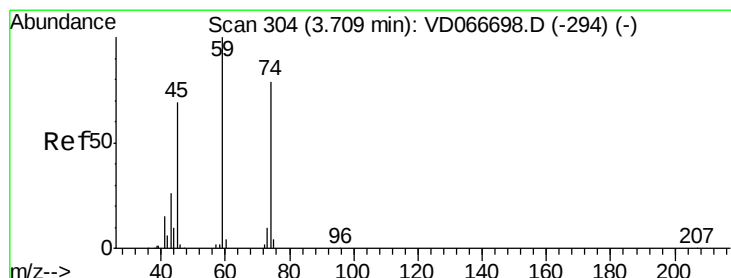
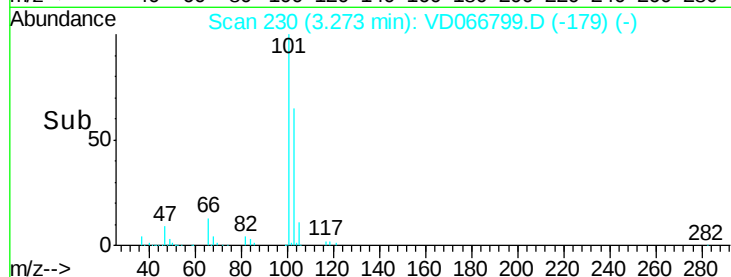
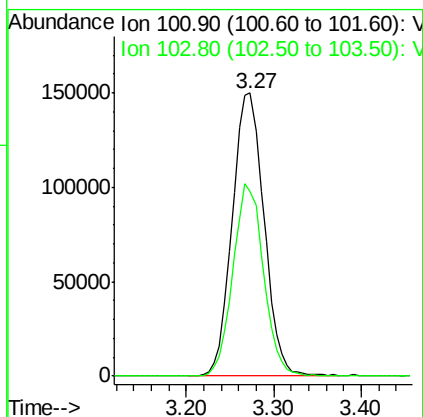
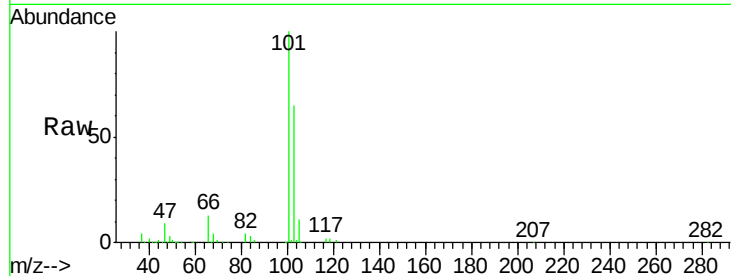
Trichlorofluoromethane
 Concen: 49.168 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.8	77.8

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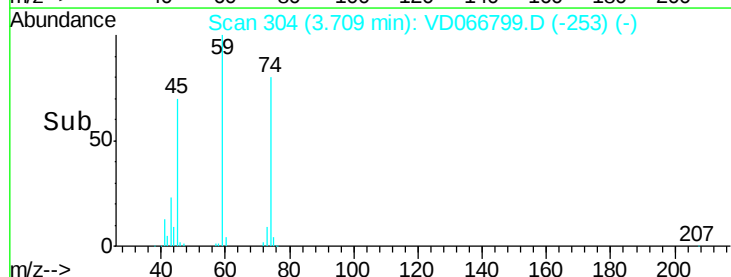
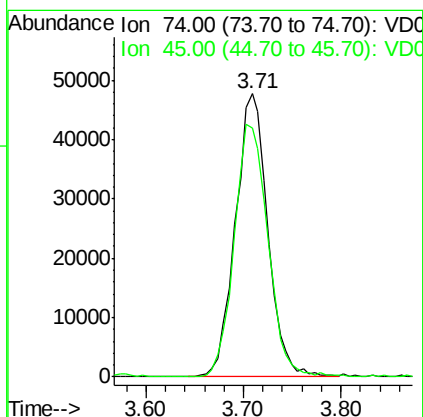
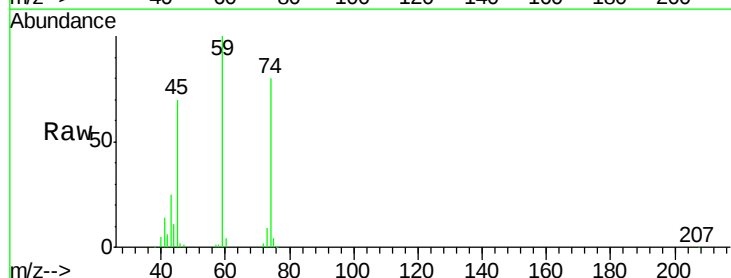
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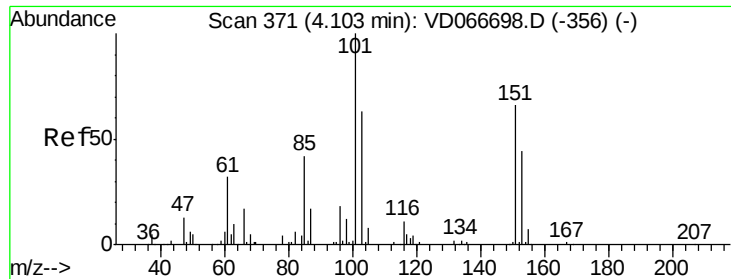


#8

Diethyl Ether
 Concen: 58.708 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.1	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.226 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

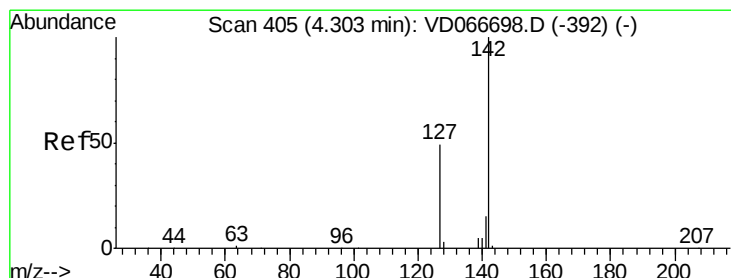
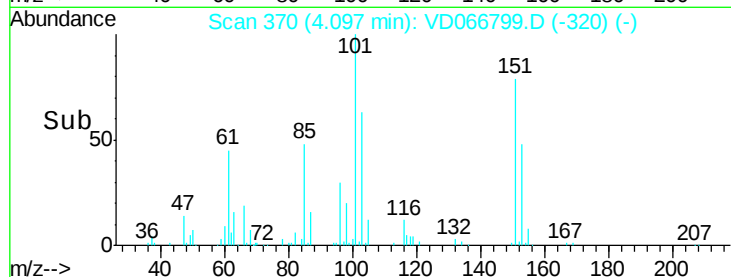
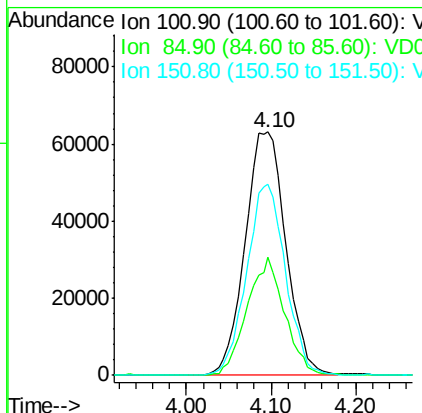
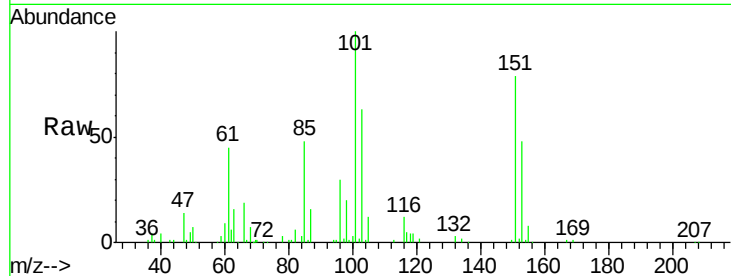
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	211591
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.3	54.5
151	75.1	58.0	87.0

Manual Integrations
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#10

Methyl Iodide

Concen: 53.244 ug/l

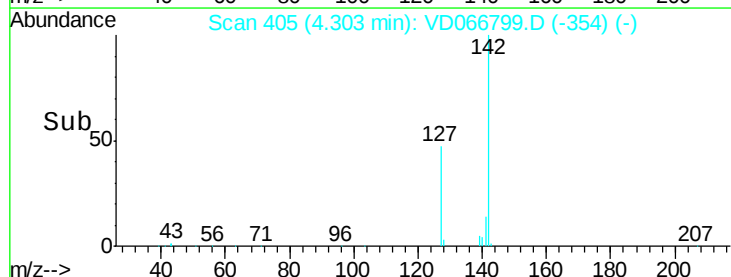
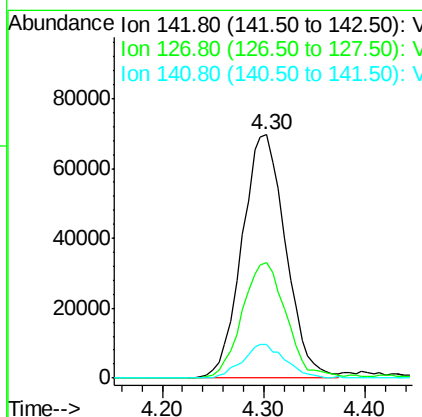
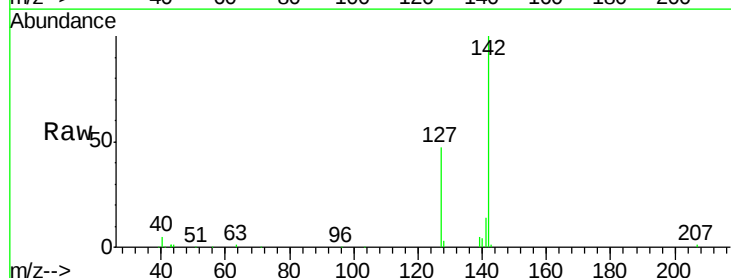
RT: 4.30 min Scan# 405

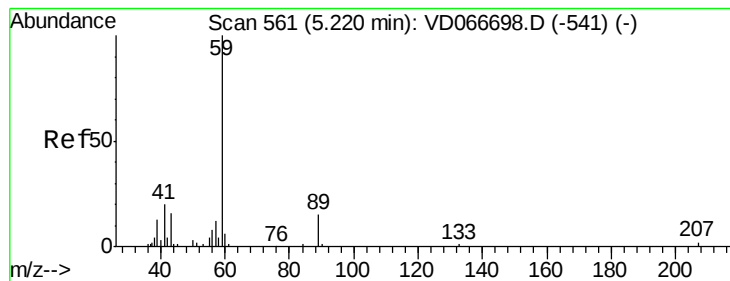
Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion:	142	Resp:	208669
Ion Ratio	Lower	Upper	
142	100		
127	48.3	39.0	58.4
141	13.8	11.7	17.5





#11

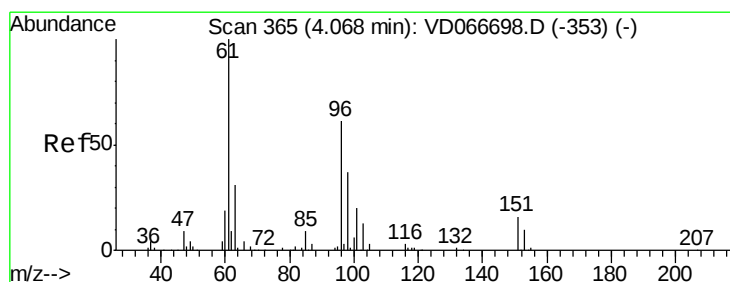
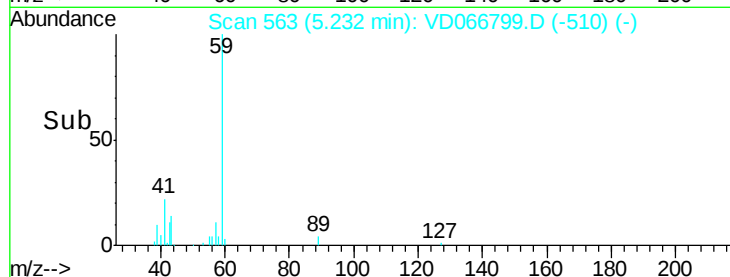
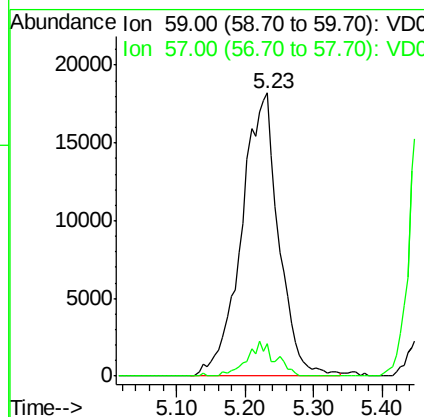
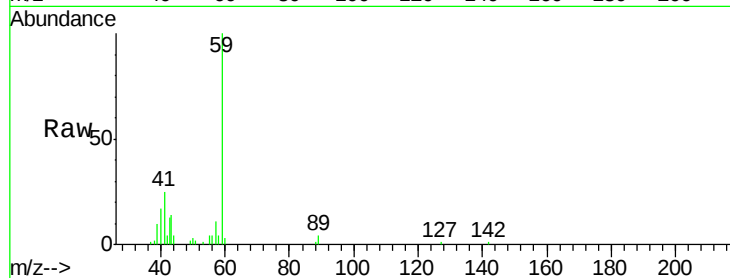
Tert butyl alcohol
 Concen: 263.056 ug/l
 RT: 5.23 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	68678
Ion Ratio	100	Lower	Upper
57	9.4	6.7	10.1

Manual Integrations
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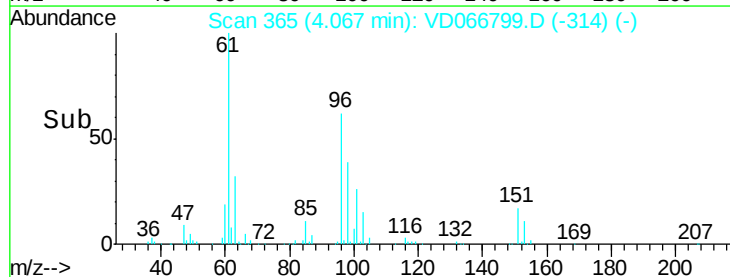
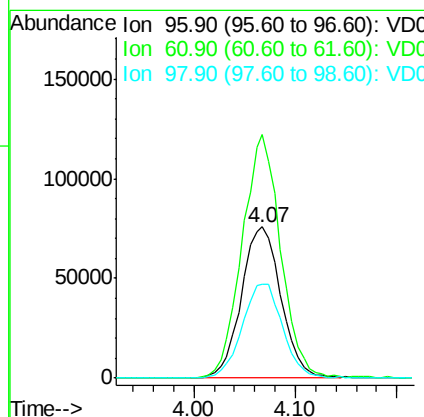
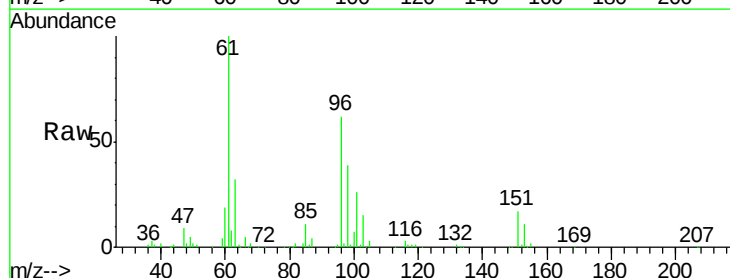
MMDadoda
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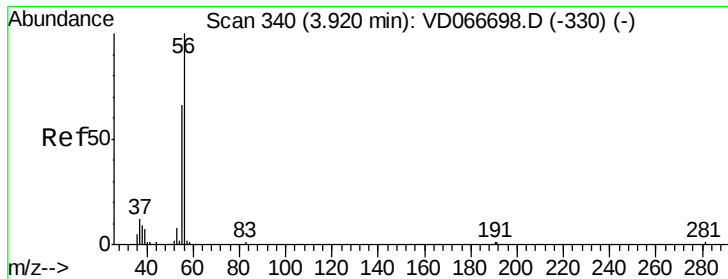


#12

1,1-Dichloroethene
 Concen: 53.935 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	96	Resp	206200
Ion Ratio	100	Lower	Upper
61	160.6	131.9	197.9
98	62.3	49.1	73.7





#13

Acrolein

Concen: 265.254 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 76264

Ion Ratio Lower Upper

56 100

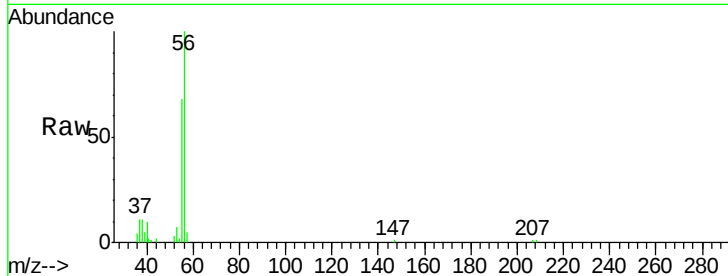
55 69.3 54.7 82.1

Manual Integrations

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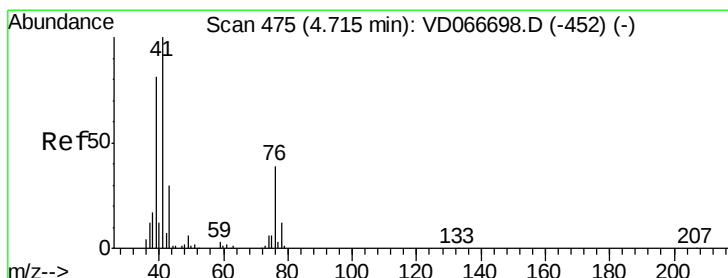
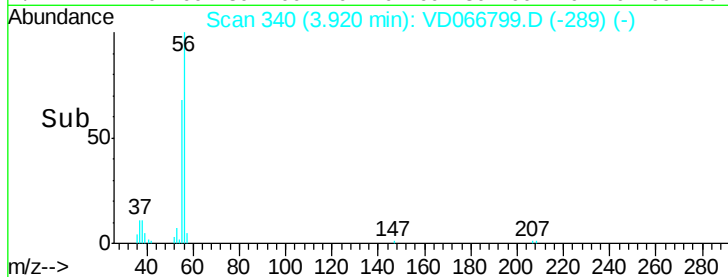
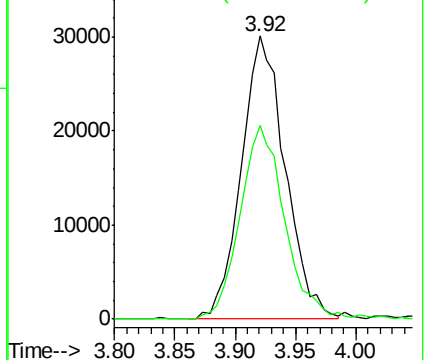
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 54.191 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

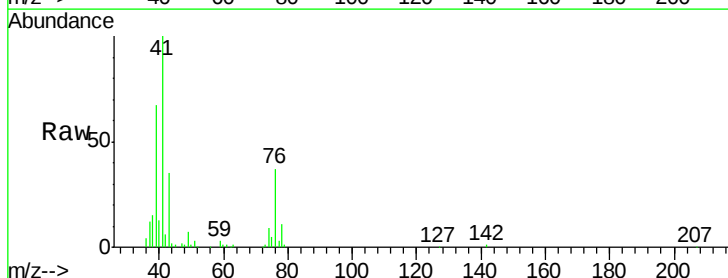
Tgt Ion: 41 Resp: 332723

Ion Ratio Lower Upper

41 100

39 70.2 60.6 90.8

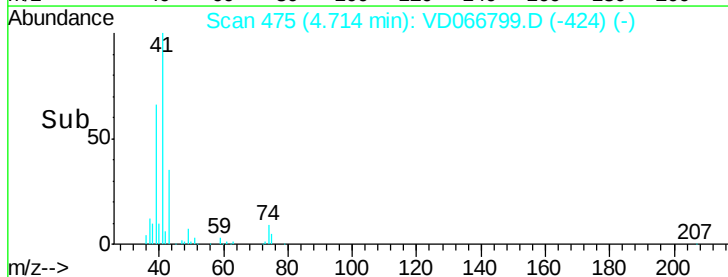
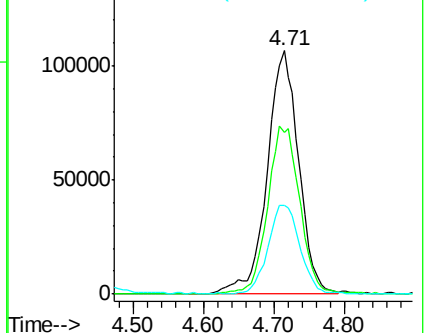
76 37.1 29.2 43.8

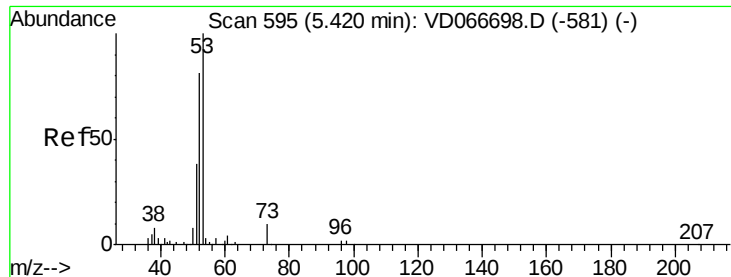


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





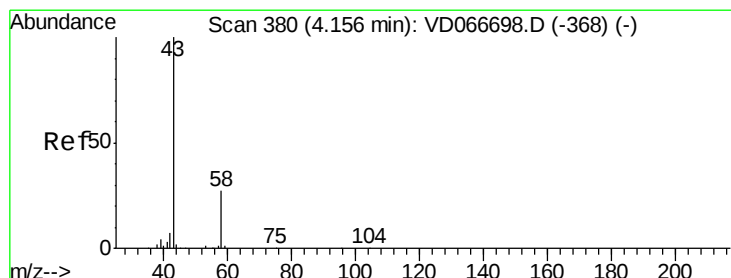
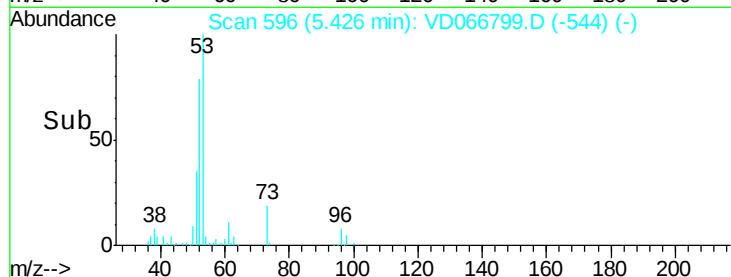
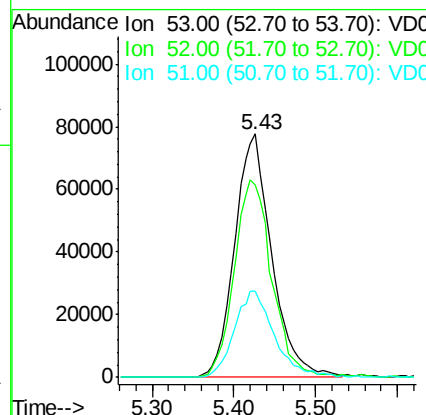
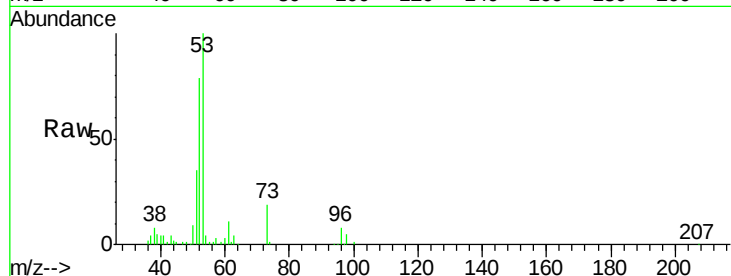
#15
 Acrylonitrile
 Concen: 296.935 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	99.8
51	38.2	31.0	46.6

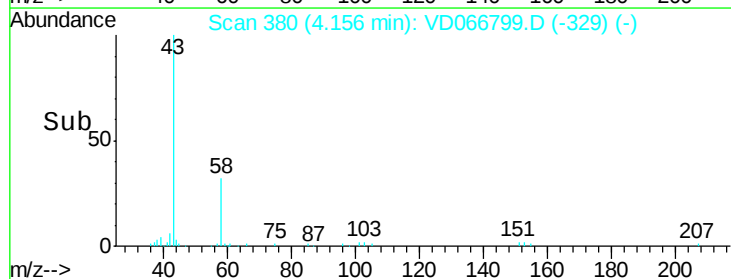
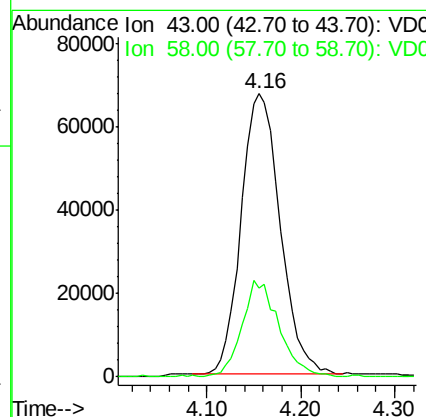
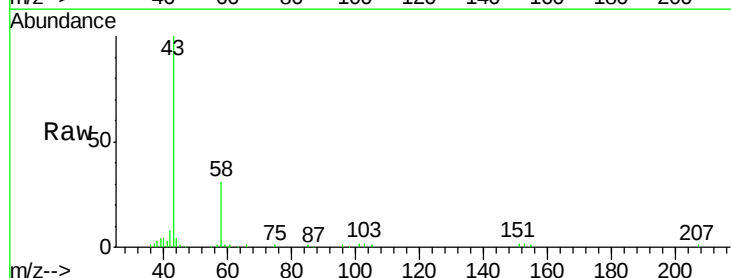
Manual Integrations
 APPROVED

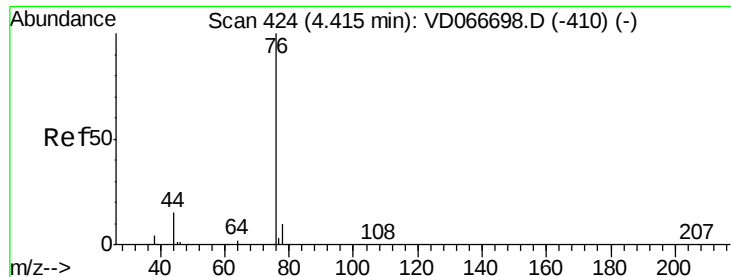
MMDadoda
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#16
 Acetone
 Concen: 233.569 ug/l
 RT: 4.16 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	21.9	32.9





#17

Carbon Disulfide

Concen: 52.781 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 634087

Ion Ratio Lower Upper

76 100

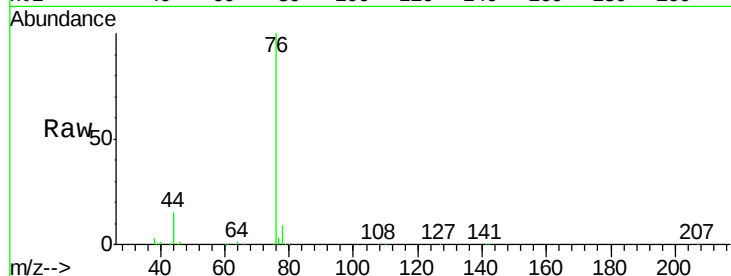
78 9.5 8.0 12.0

Manual Integrations

APPROVED

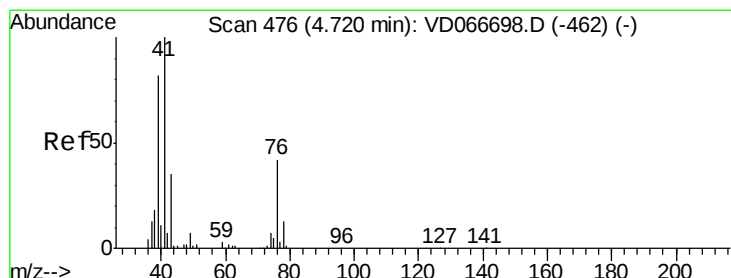
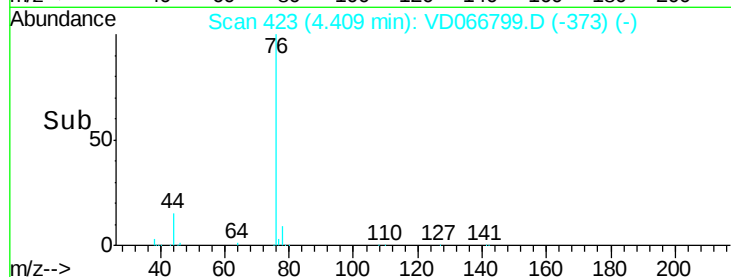
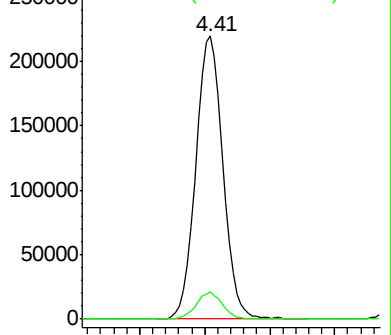
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 65.204 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD066799.D

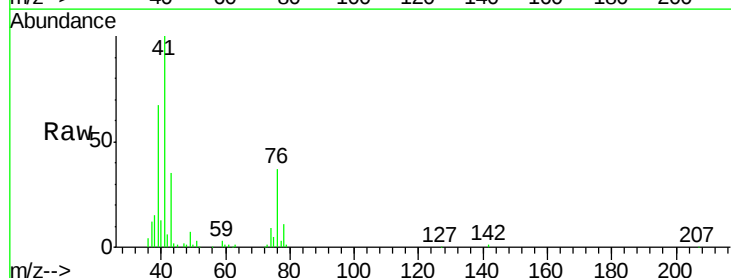
Acq: 21 Sep 2020 22:44

Tgt Ion: 43 Resp: 113593

Ion Ratio Lower Upper

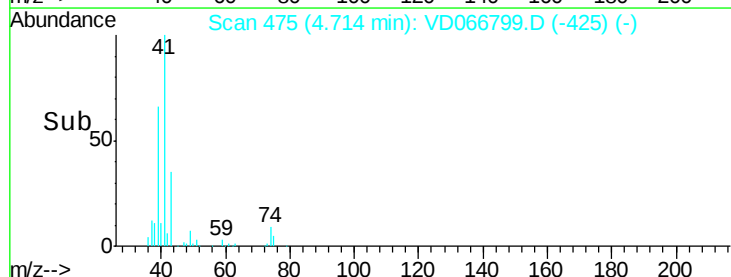
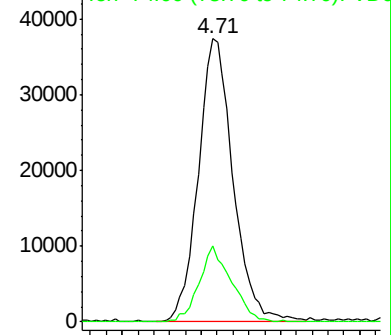
43 100

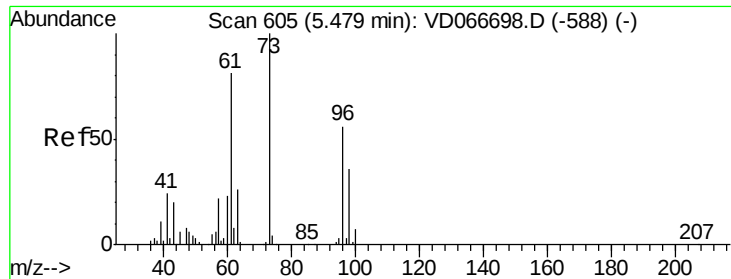
74 24.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





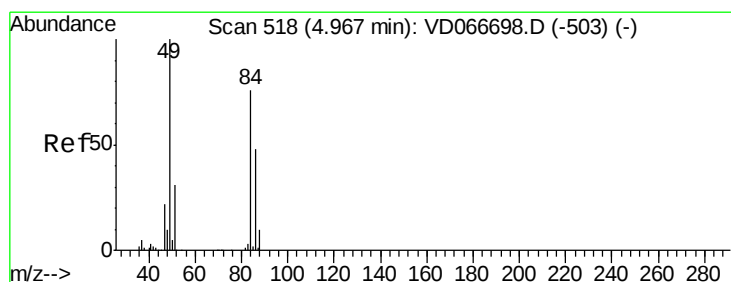
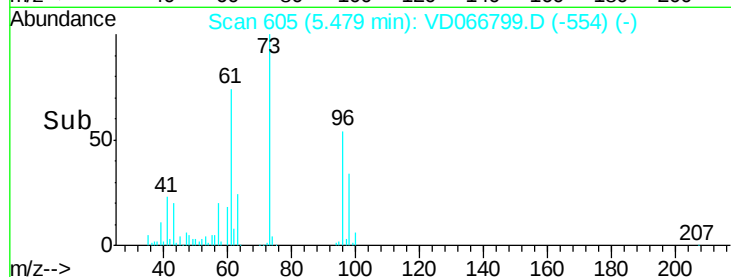
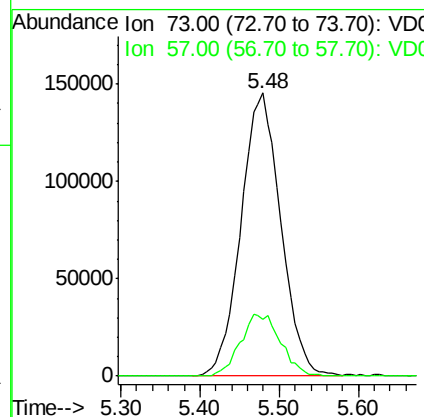
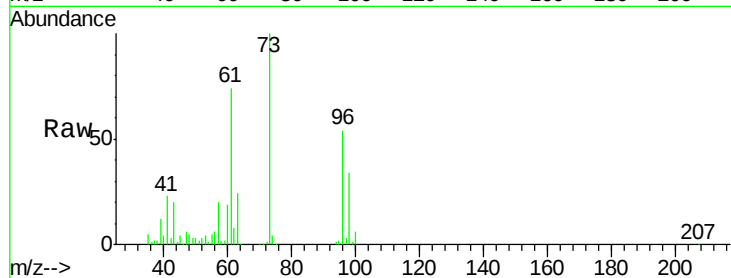
#19
Methyl tert-butyl Ether
Concen: 59.580 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 507362
Ion Ratio Lower Upper
73 100
57 19.9 17.8 26.6

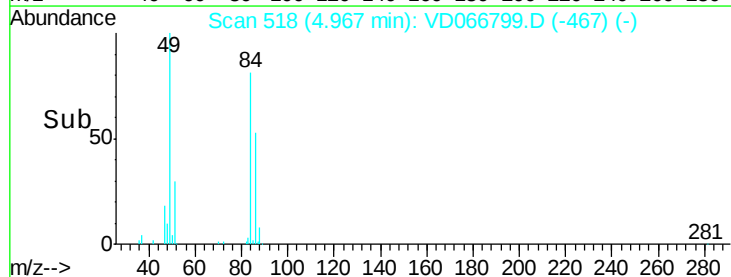
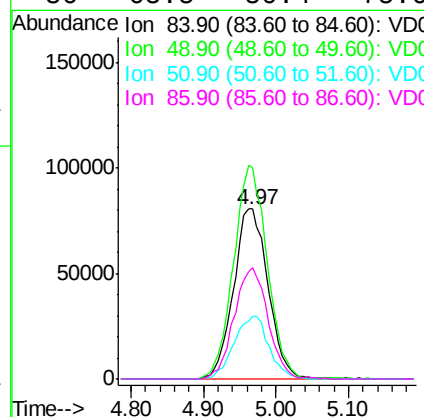
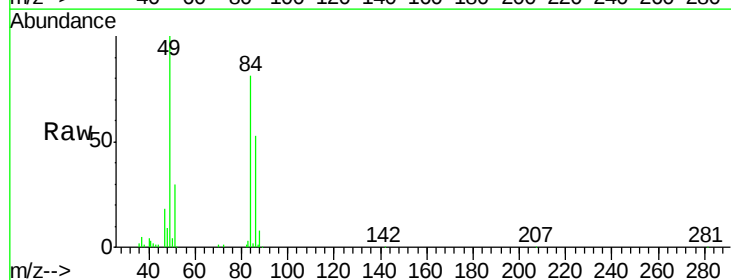
Manual Integrations
APPROVED

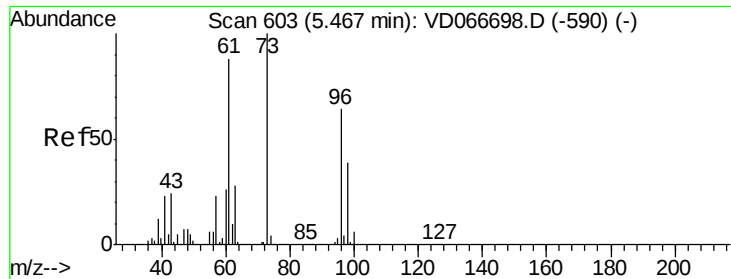
MMDadoda
9/22/2020 2:09:52 PM



#20
Methylene Chloride
Concen: 61.411 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion: 84 Resp: 266545
Ion Ratio Lower Upper
84 100
49 123.7 105.0 157.6
51 36.9 32.2 48.4
86 65.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 57.210 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 254825

Ion Ratio Lower Upper

96 100

61 129.9 110.6 166.0

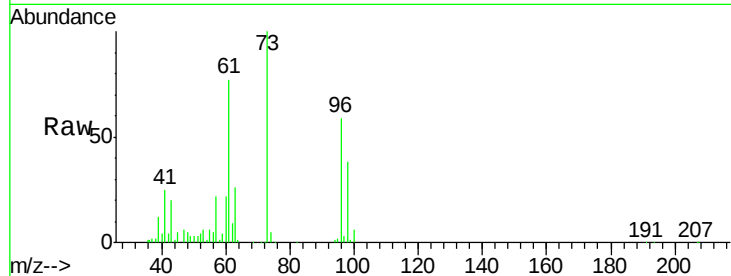
98 63.9 49.2 73.8

Manual Integrations

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MMDadoda

9/22/2020 2:09:52 PM

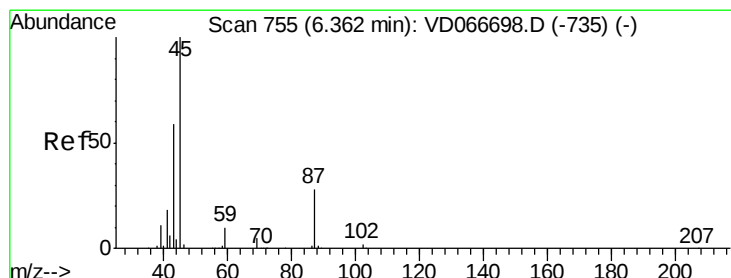
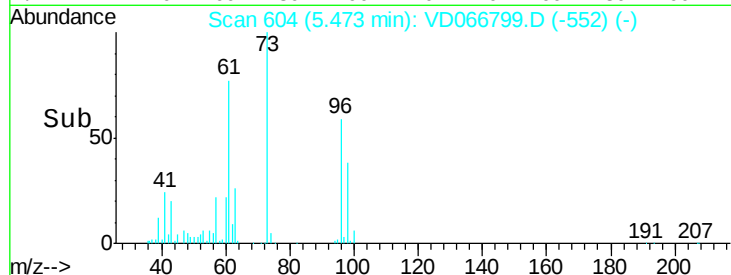
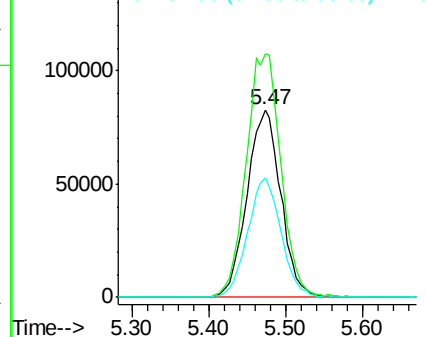


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 57.668 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion: 45 Resp: 719450

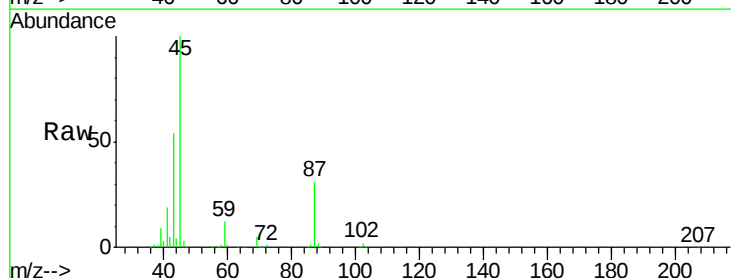
Ion Ratio Lower Upper

45 100

43 53.7 46.9 70.3

87 31.1 22.4 33.6

59 11.9 8.5 12.7



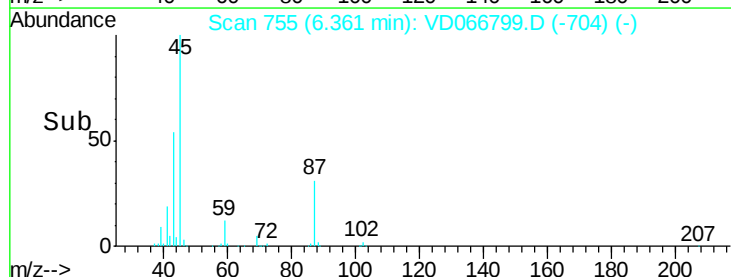
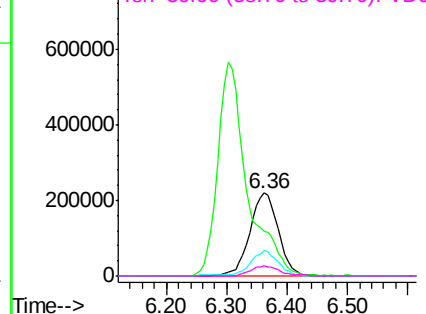
Abundance

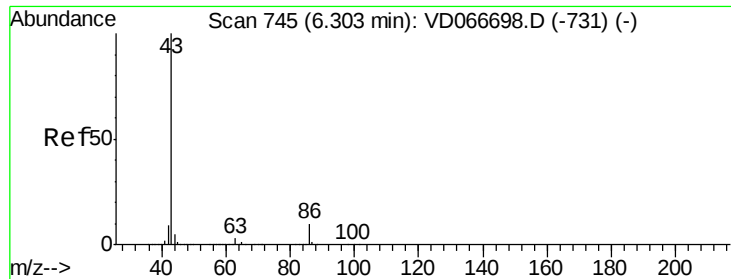
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 276.338 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1917666

Ion Ratio Lower Upper

43 100

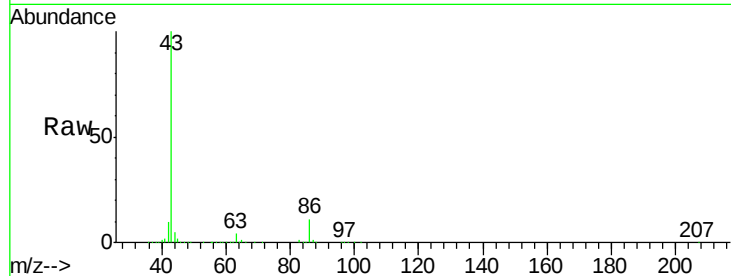
86 11.2 7.8 11.8

Manual Integrations

APPROVED

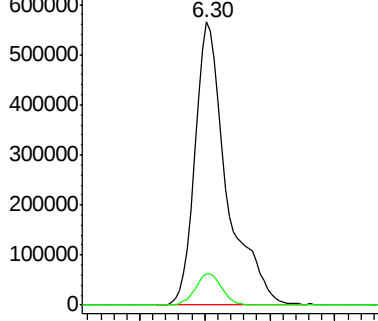
MMDadoda

9/22/2020 2:09:52 PM

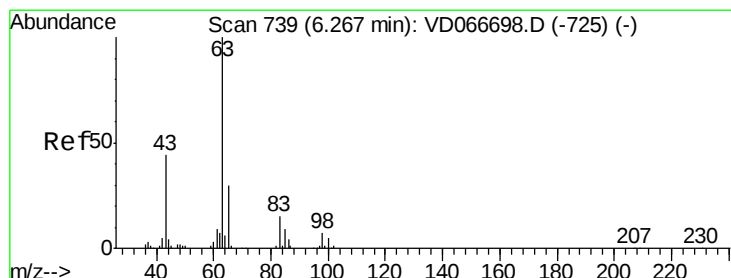
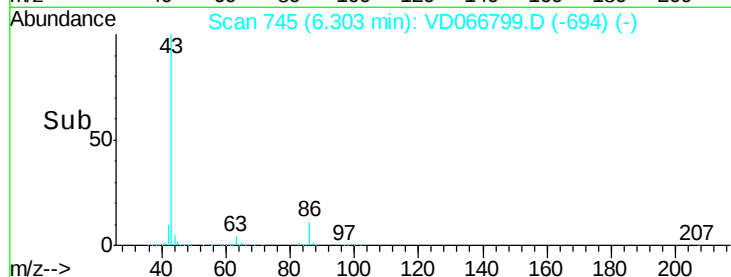


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 55.107 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

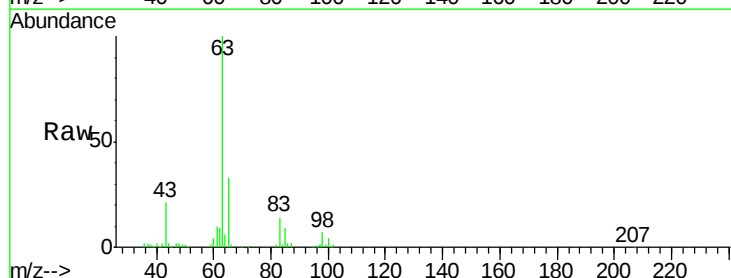
Tgt Ion: 63 Resp: 436268

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

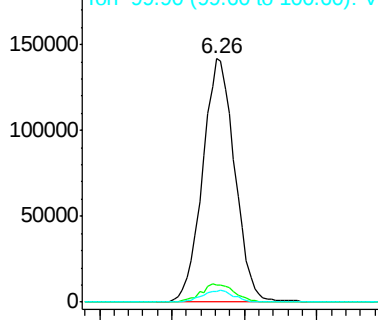
100 4.1 2.6 8.0



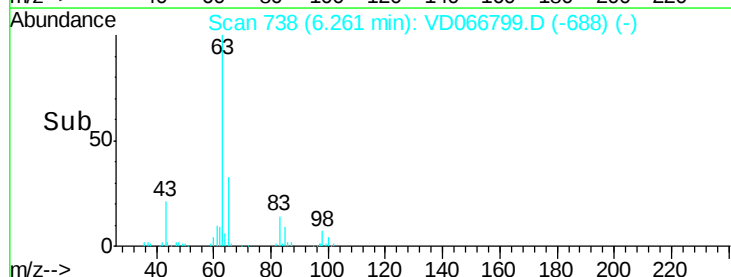
Abundance Ion 62.90 (62.60 to 63.60): VDC

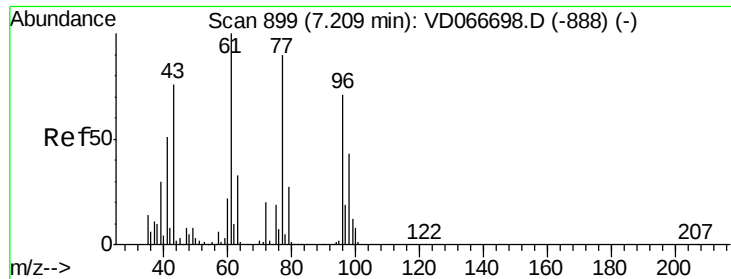
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->





#25

2-Butanone

Concen: 277.883 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 300386

Ion Ratio Lower Upper

43 100

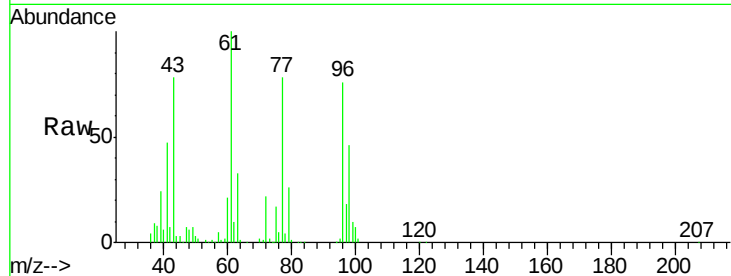
72 27.7 21.0 31.4

Manual Integrations

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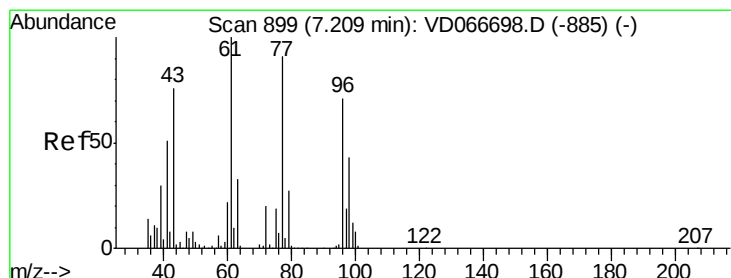
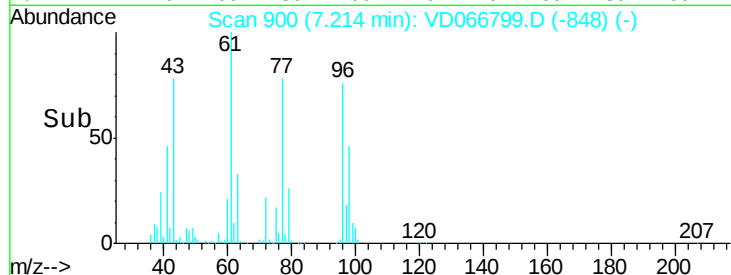
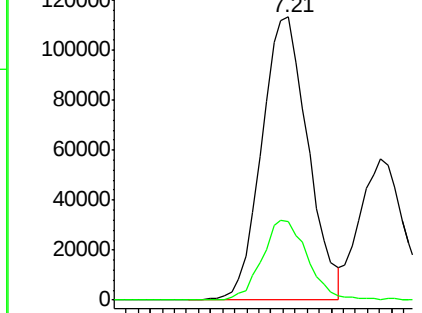
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 49.485 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066799.D

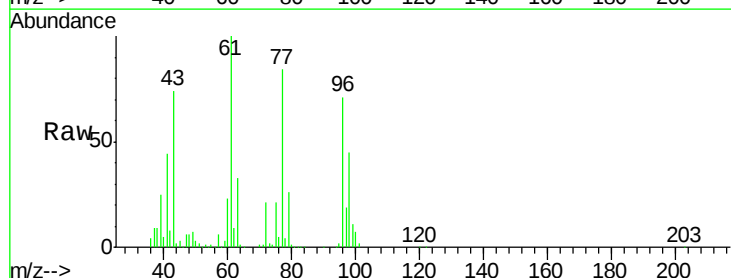
Acq: 21 Sep 2020 22:44

Tgt Ion: 77 Resp: 362262

Ion Ratio Lower Upper

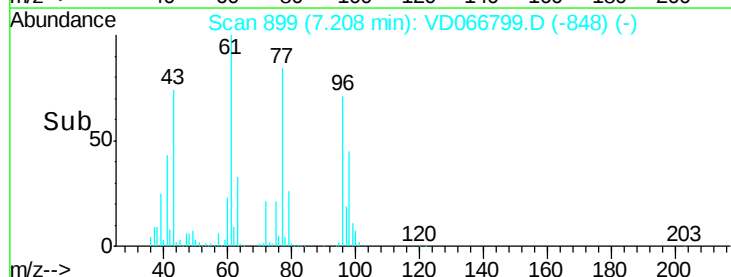
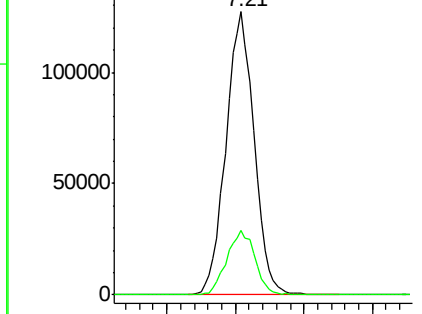
77 100

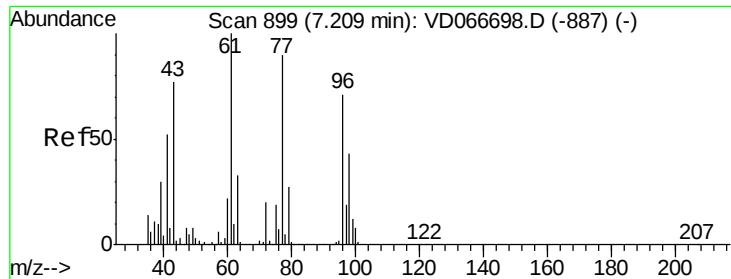
97 22.8 10.6 31.8



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





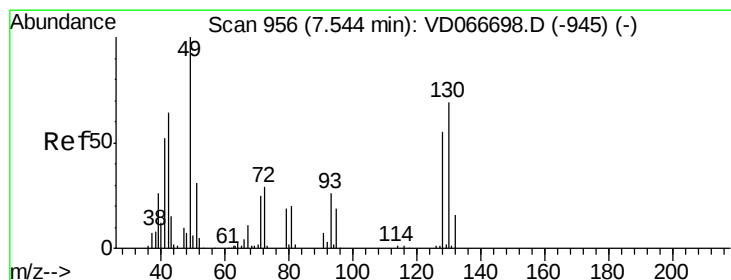
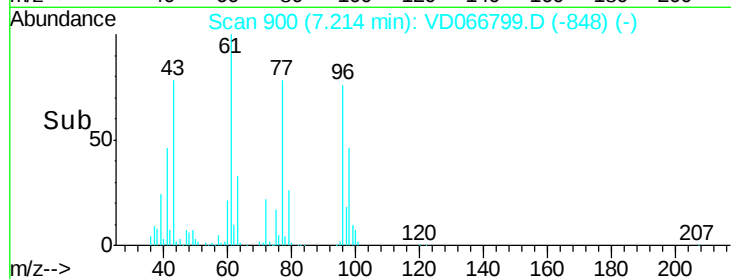
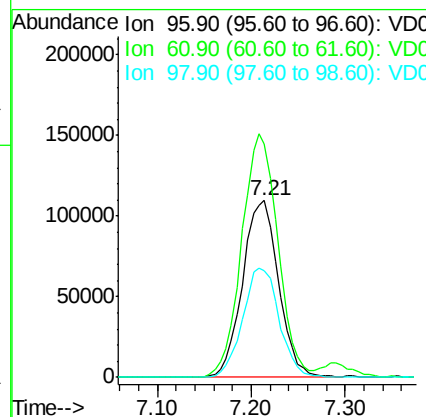
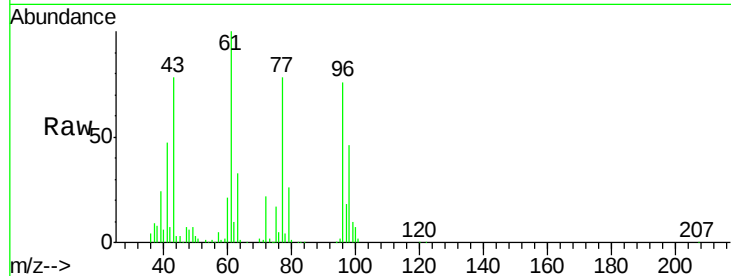
#27
 cis-1,2-Dichloroethene
 Concen: 59.678 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	138.6	0.0	292.4	
98	62.8	0.0	127.0	

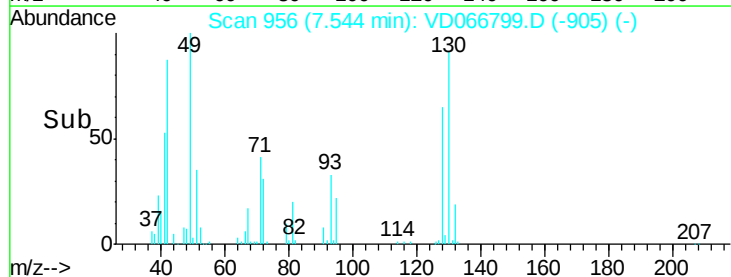
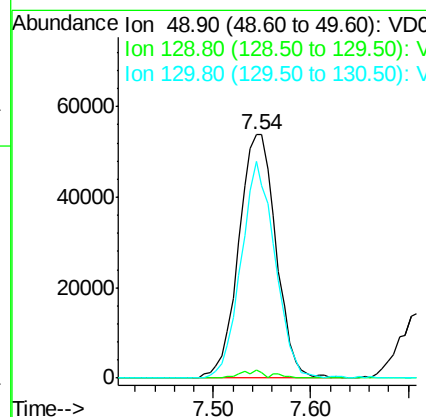
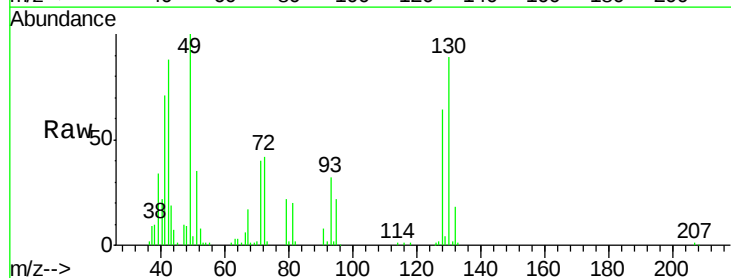
Manual Integrations
 APPROVED

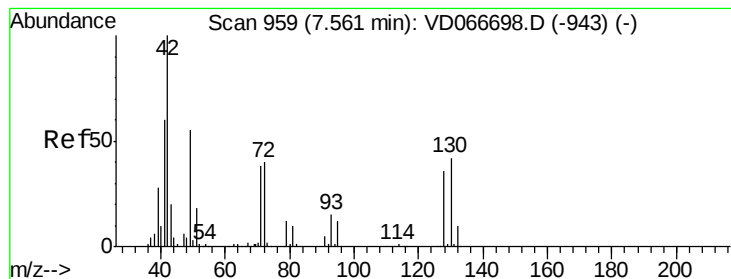
MMDadoda
 9/22/2020 2:09:52 PM



#28
 Bromochloromethane
 Concen: 48.635 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	80.9	58.6	88.0	





#29

Tetrahydrofuran

Concen: 301.439 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

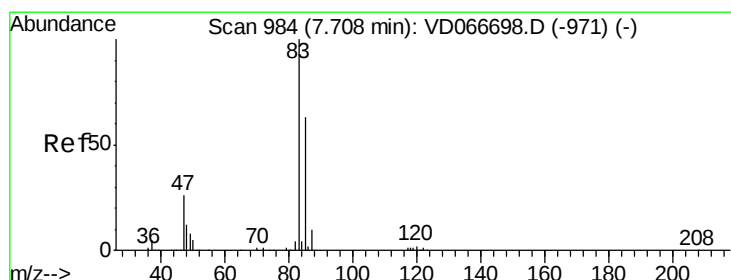
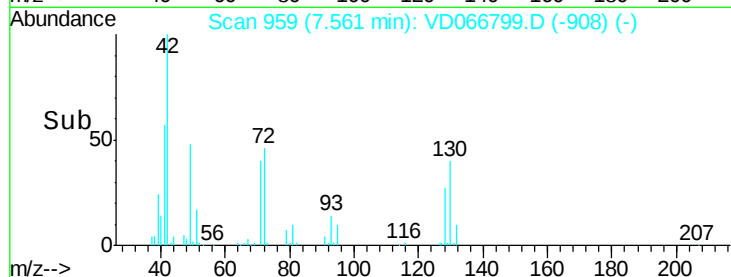
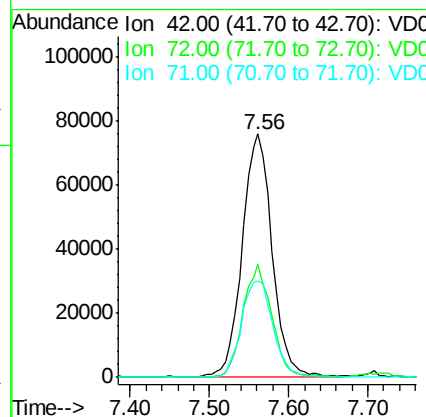
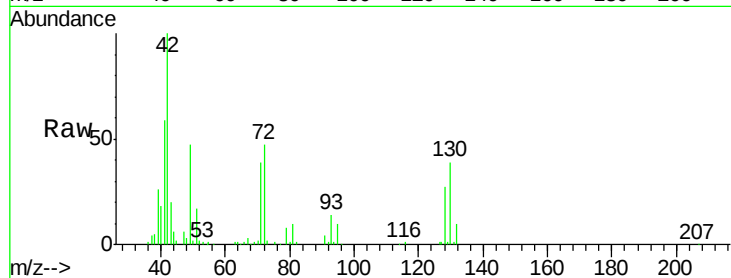
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	199366
Ion	Ratio	Lower	Upper
42	100		
72	44.6	32.6	48.8
71	41.6	30.6	45.8

Manual Integrations
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#30

Chloroform

Concen: 56.384 ug/l

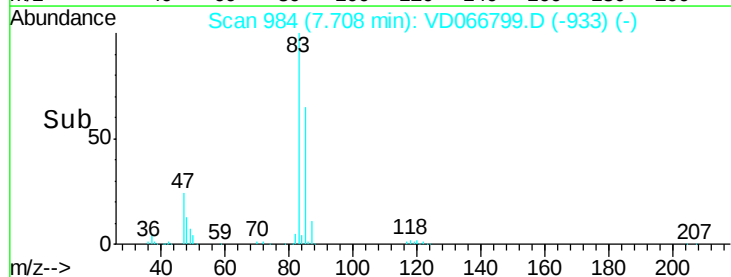
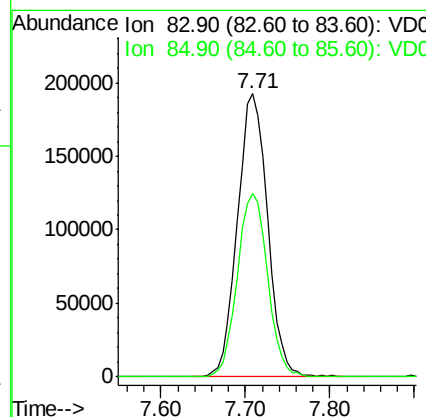
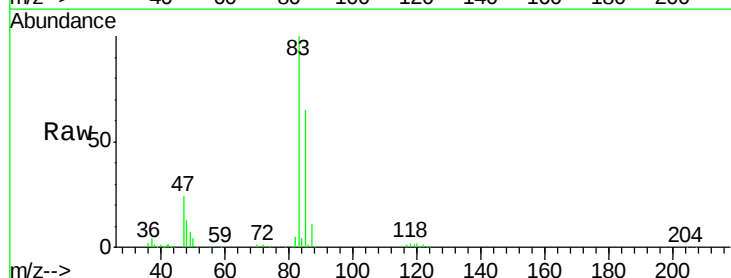
RT: 7.71 min Scan# 984

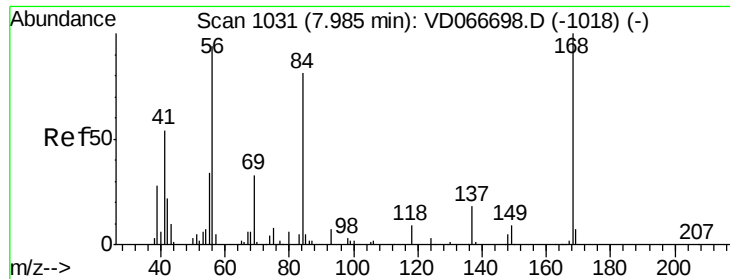
Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion:	83	Resp:	475067
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	76.0





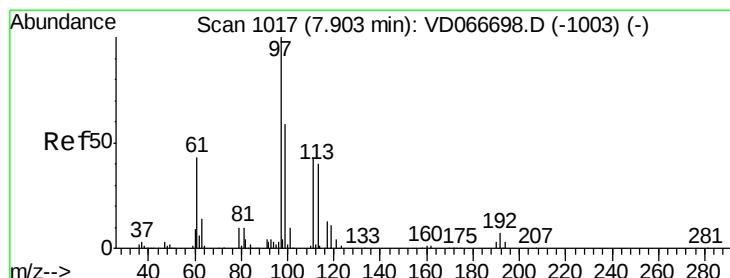
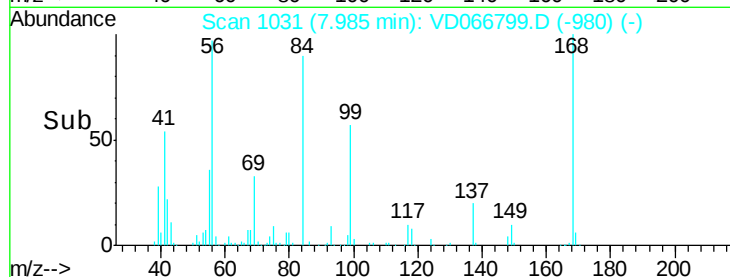
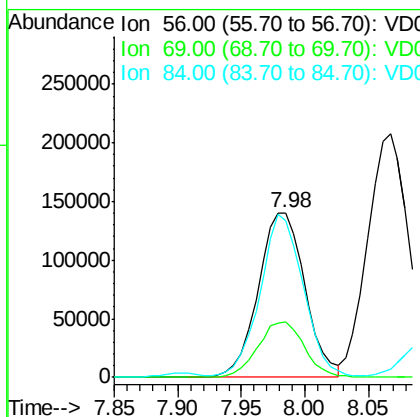
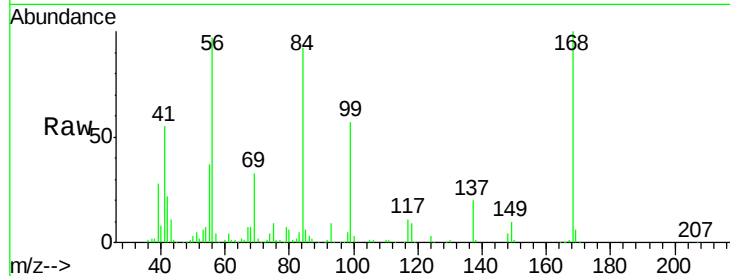
#31
Cvclohexane
Concen: 49.789 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		358526		
69	34.0	27.7		41.5	
84	92.4	68.5		102.7	

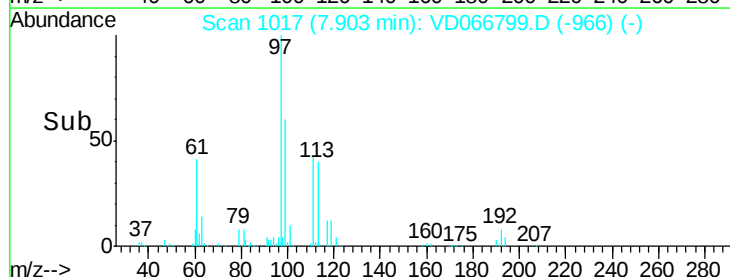
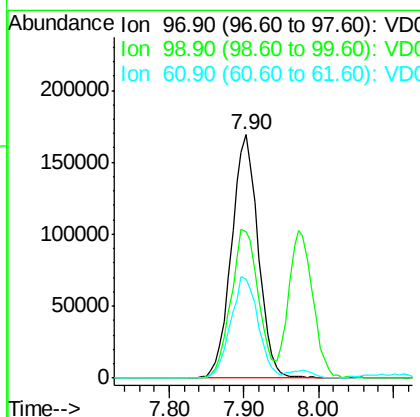
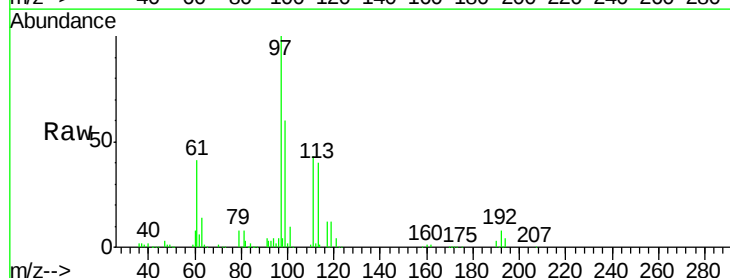
Manual Integrations
APPROVED

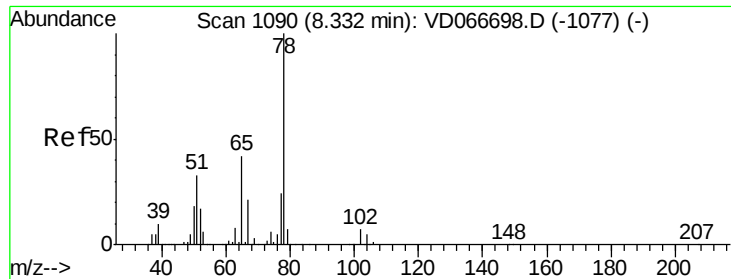
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 54.508 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		420257		
99	63.5	51.0		76.4	
61	42.7	35.2		52.8	





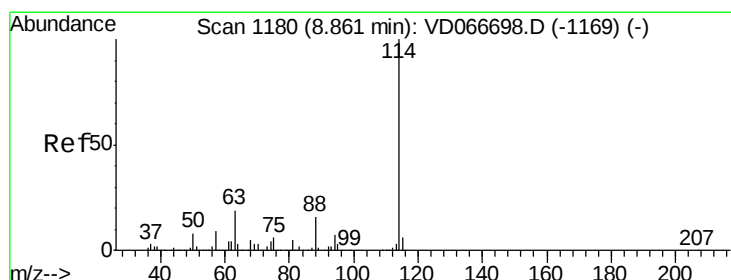
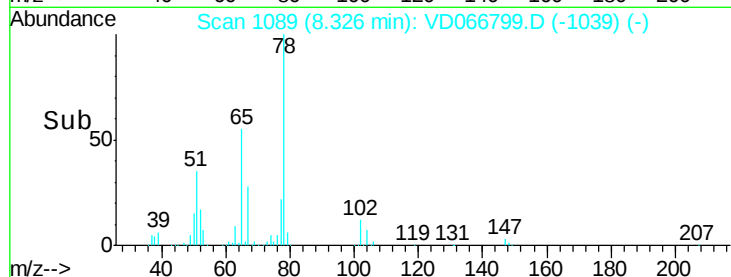
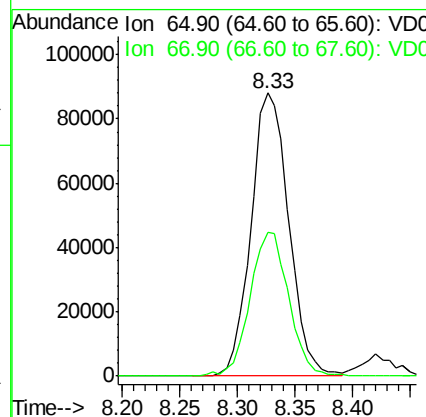
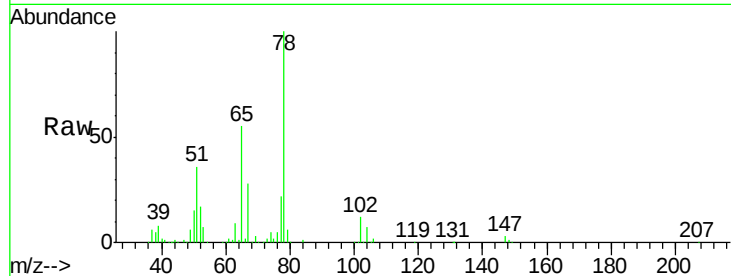
#33
 1,2-Dichloroethane-d4
 Concen: 49.316 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201041		
67	51.9	0.0	102.2	

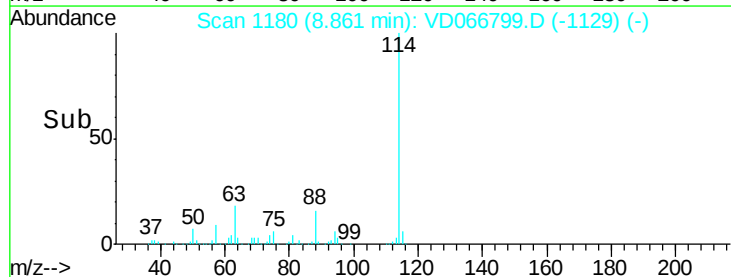
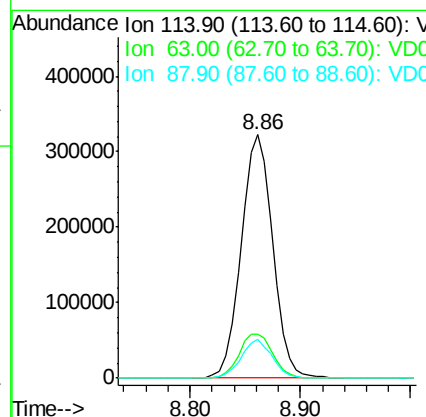
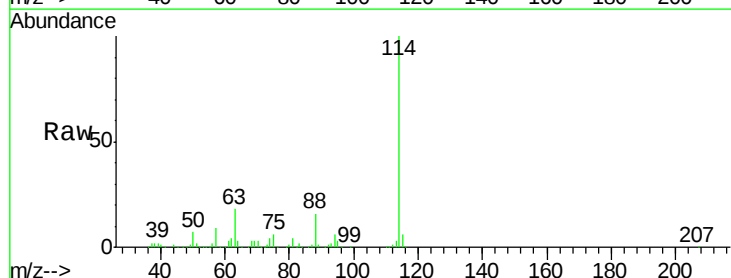
Manual Integrations
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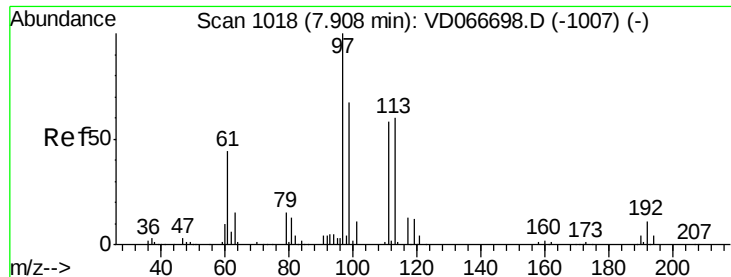
MMDadoda
 9/22/2020 2:09:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	647211		
63	18.3	0.0	37.6	
88	15.9	0.0	32.2	





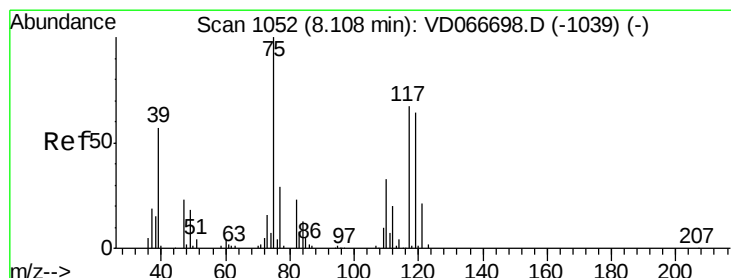
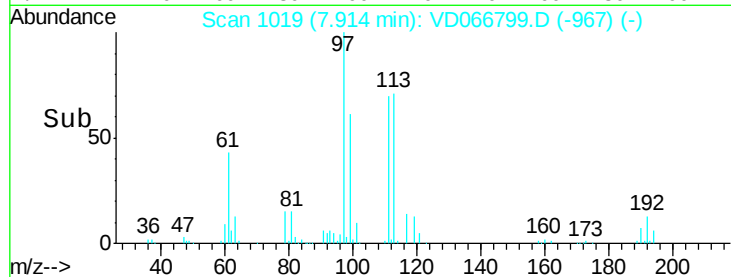
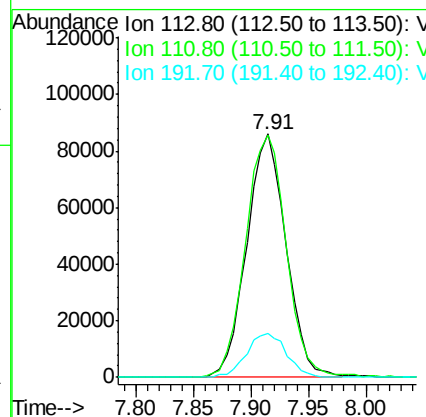
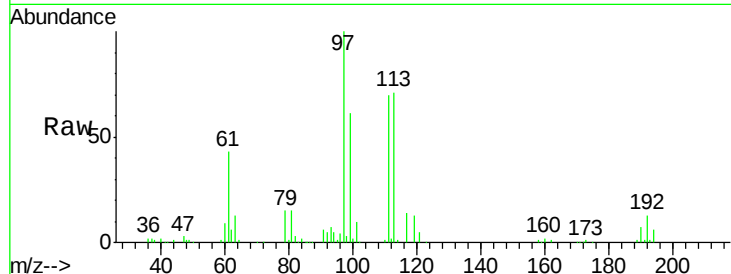
#35
Dibromofluoromethane
Concen: 51.327 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203668		
111	103.6	83.2	124.8	
192	18.5	14.8	22.2	

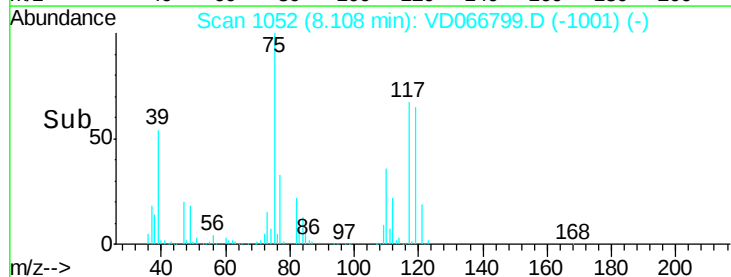
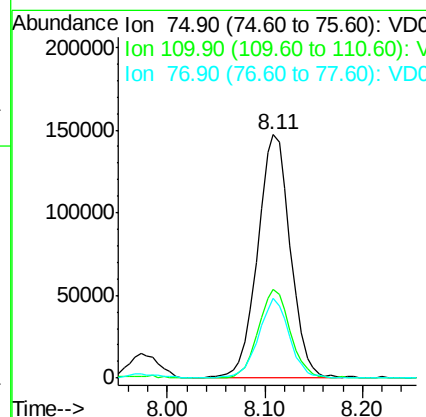
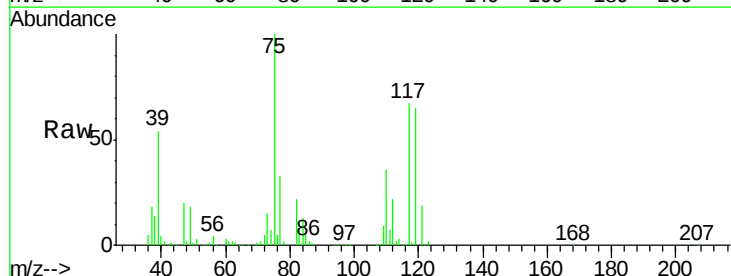
Manual Integrations
APPROVED

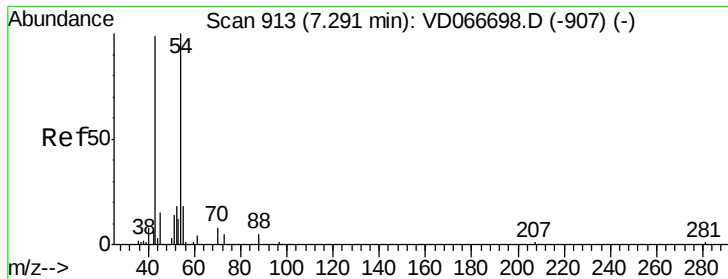
MMDadoda
9/22/2020 2:09:52 PM



#36
1,1-Dichloropropene
Concen: 51.614 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	343453		
110	35.5	17.1	51.2	
77	31.2	25.0	37.6	





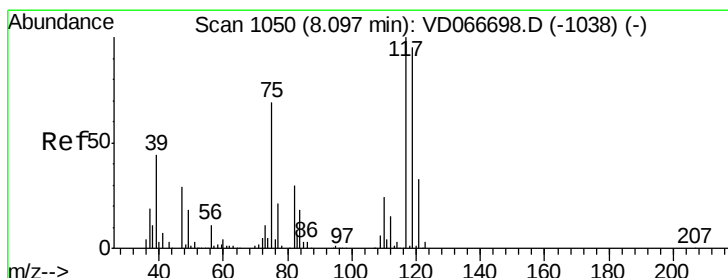
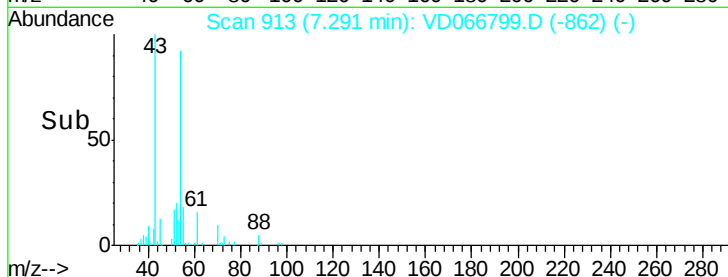
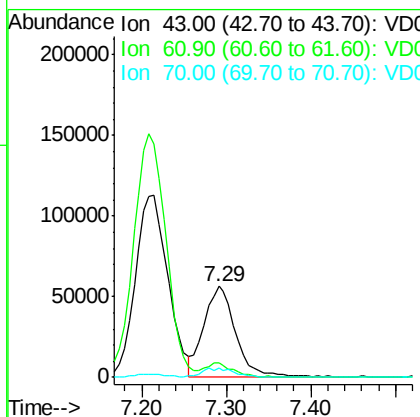
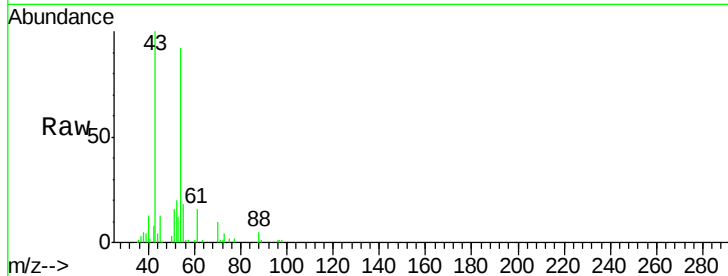
#37
Ethyl Acetate
Concen: 58.395 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	10.4	7.5	11.3

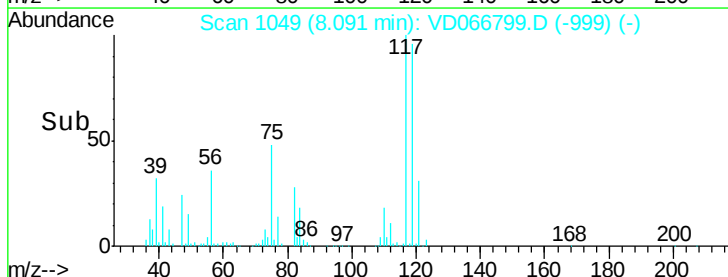
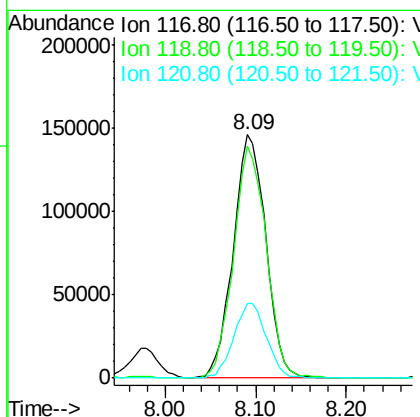
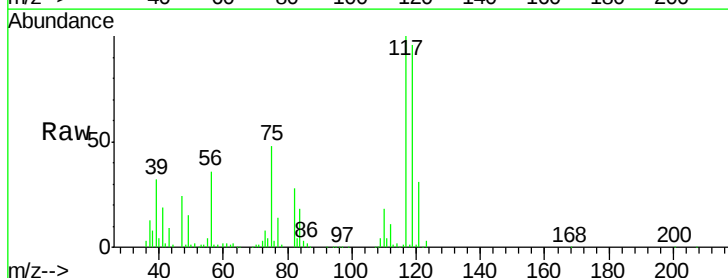
Manual Integrations
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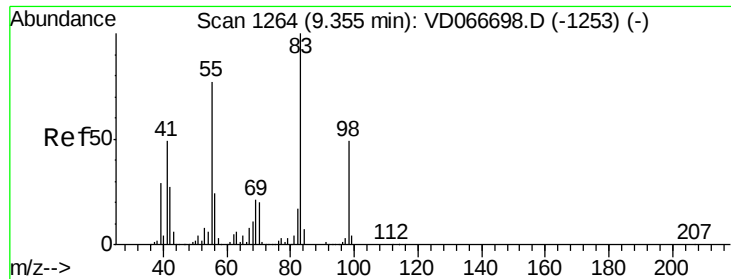
MMDadoda
9/22/2020 2:09:52 PM



#38
Carbon Tetrachloride
Concen: 51.581 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.6
121	30.9	26.2	39.4





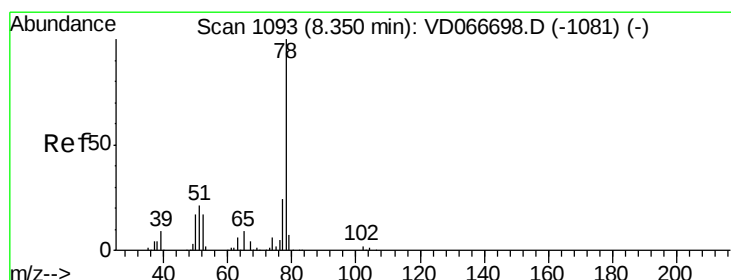
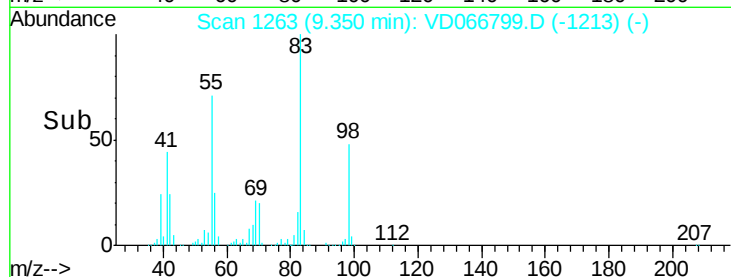
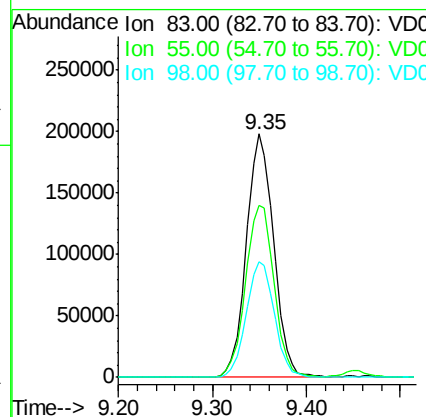
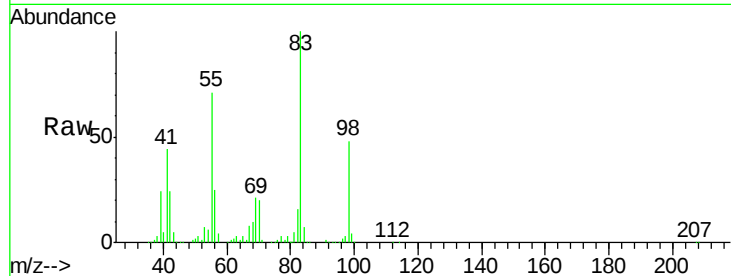
#39
Methvlcvclohexane
Concen: 52.411 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	398917		
55	70.6		61.5	92.3
98	47.5		39.3	58.9

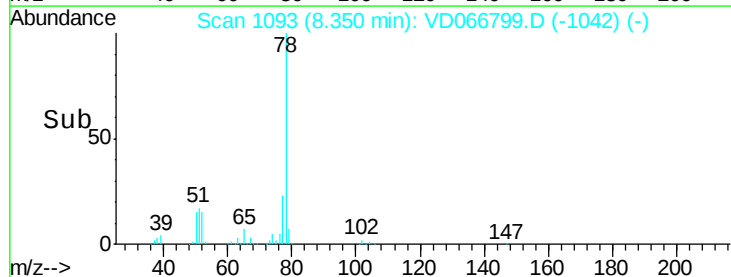
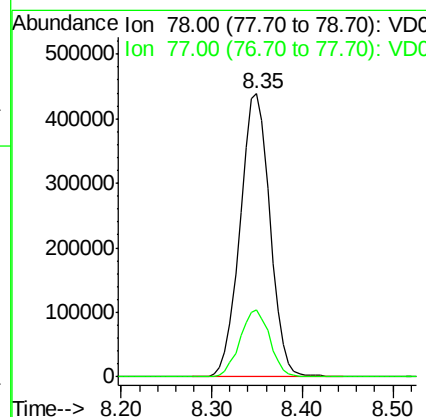
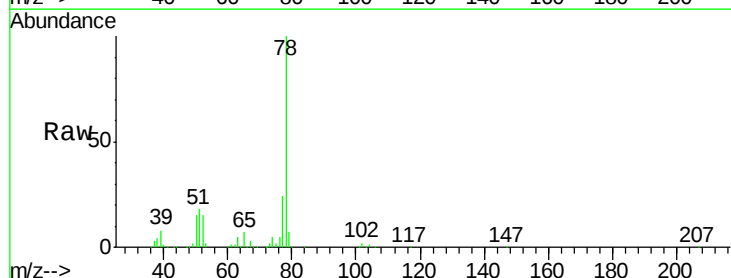
Manual Integrations
APPROVED

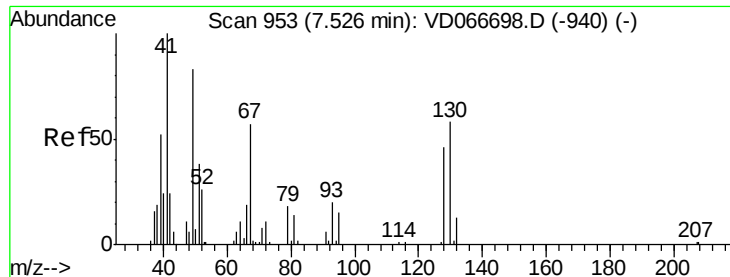
MMDadoda
9/22/2020 2:09:52 PM



#40
Benzene
Concen: 55.835 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1005174		
77	23.5		19.3	28.9





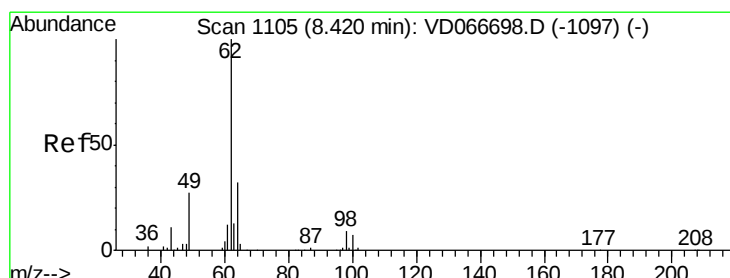
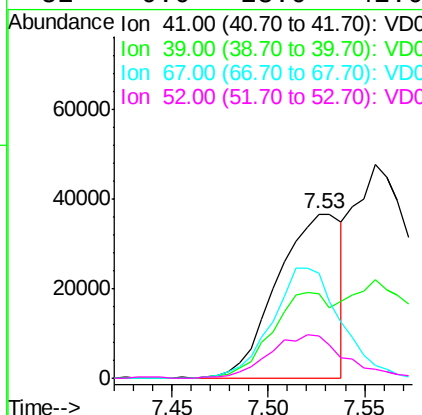
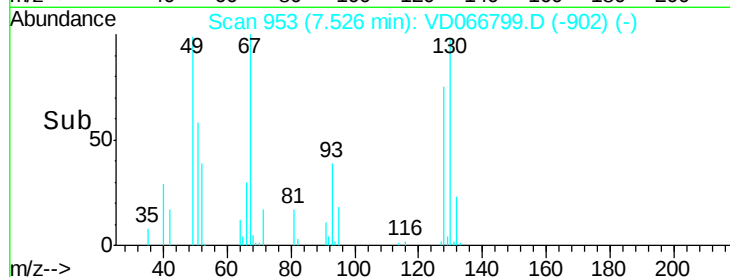
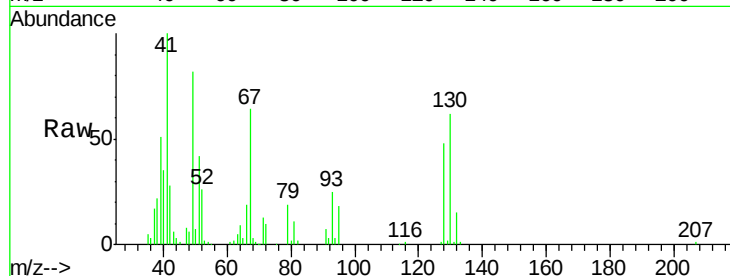
#41
Methacrylonitrile
Concen: 64.733 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	59.3	88.9#
67	0.0	62.3	93.5#
52	0.0	28.0	42.0#

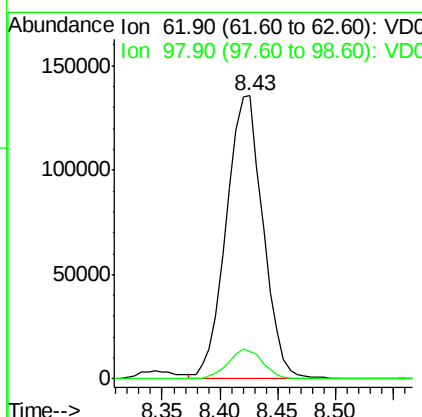
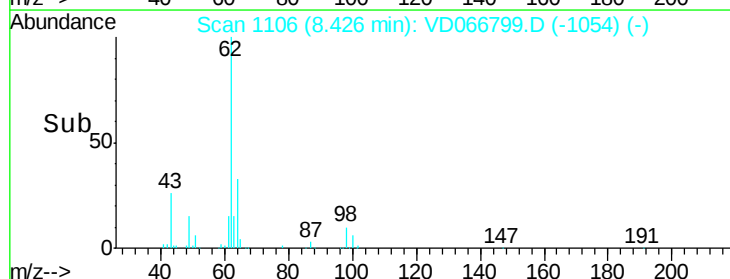
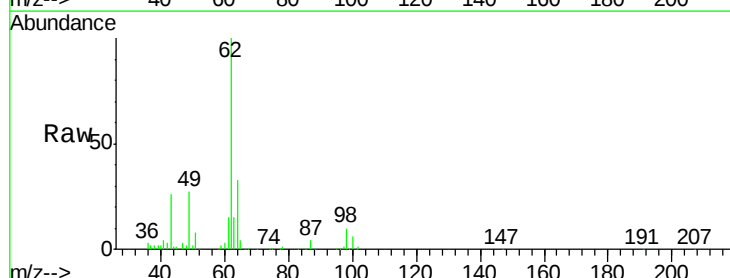
Manual Integrations
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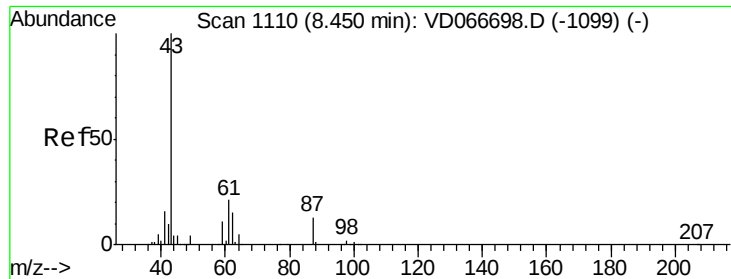
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.618 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 56.297 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

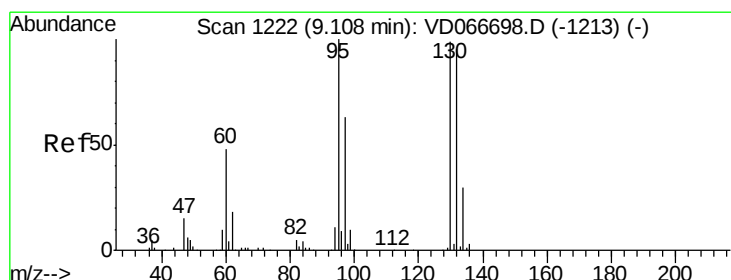
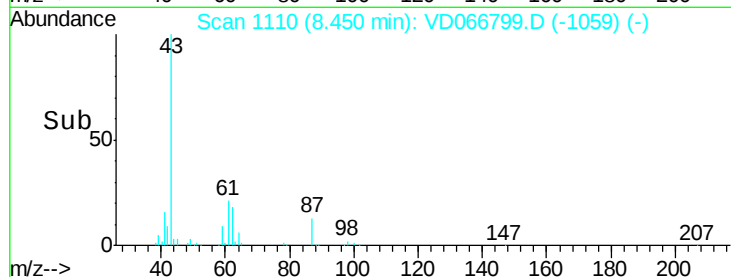
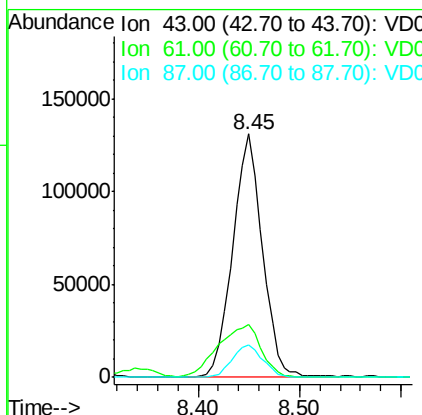
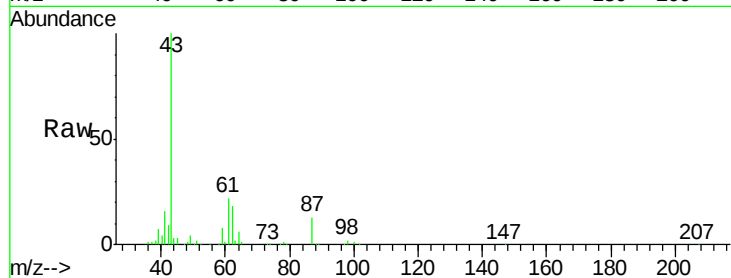
ClientSampleID :

VSTDCCC050EC

Tot Ion:	43	Resp:	266936
Ion	Ratio	Lower	Upper
43	100		
61	31.3	24.8	37.2
87	13.8	10.4	15.6

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#44

Trichloroethene

Concen: 57.452 ug/l

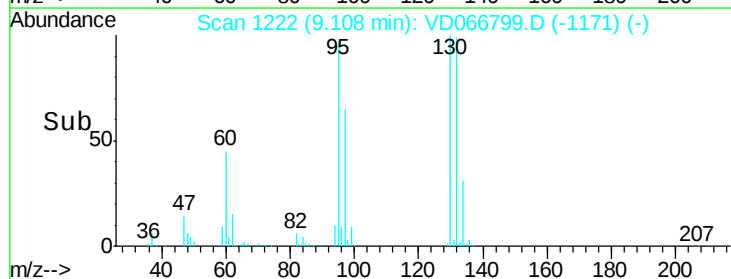
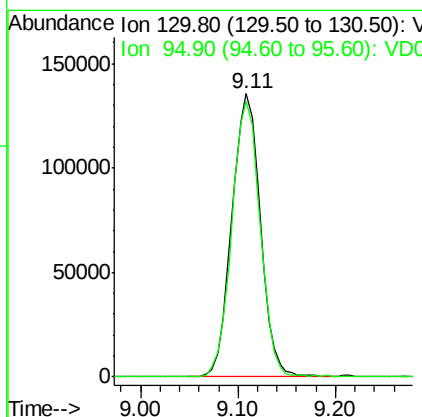
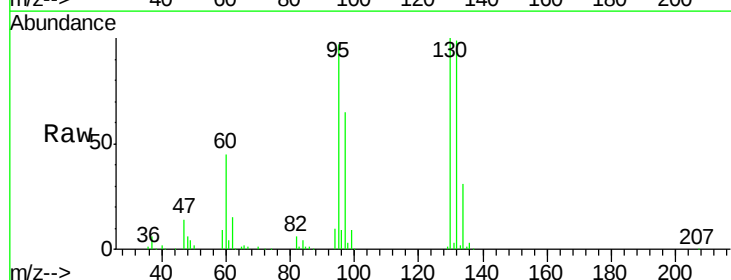
RT: 9.11 min Scan# 1222

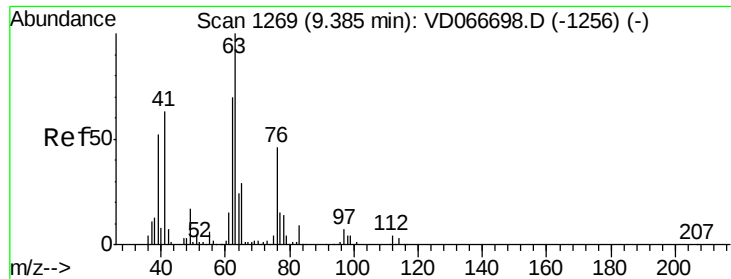
Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion:	130	Resp:	276537
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	201.4





#45

1,2-Dichloropropane

Concen: 57.004 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 253699

Ion Ratio Lower Upper

63 100

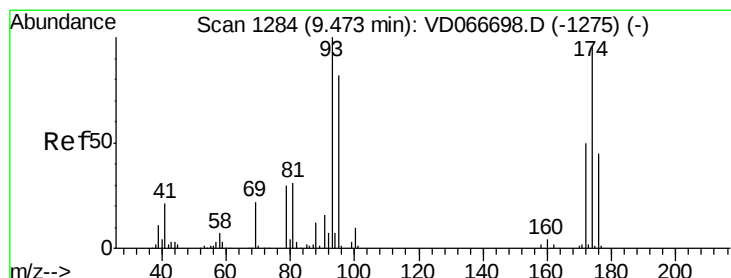
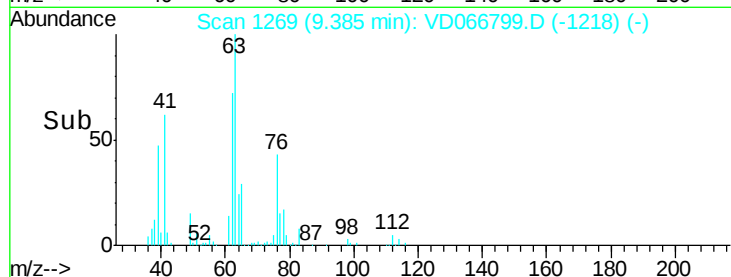
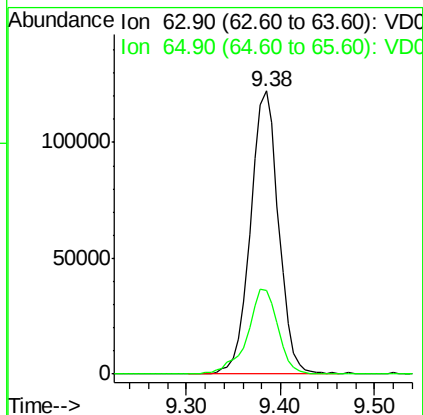
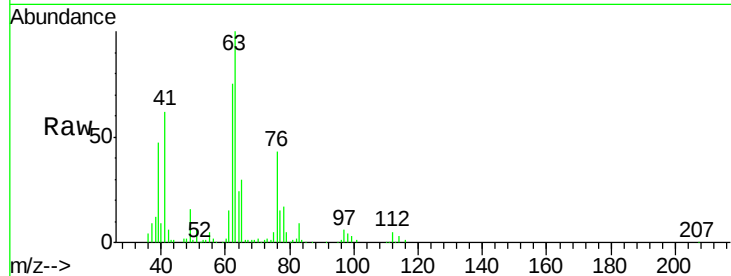
65 29.7 23.4 35.0

Manual Integrations

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#46

Dibromomethane

Concen: 58.516 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

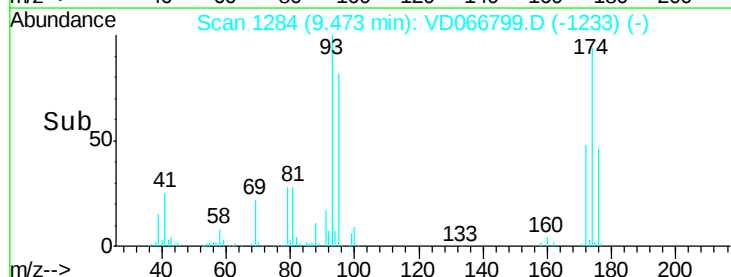
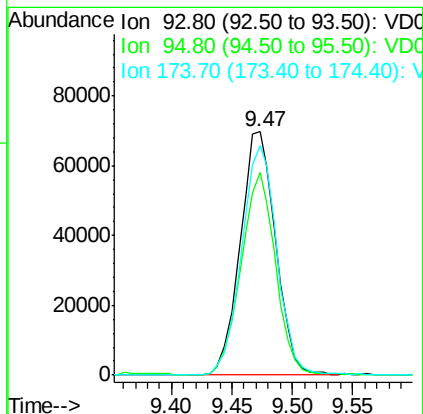
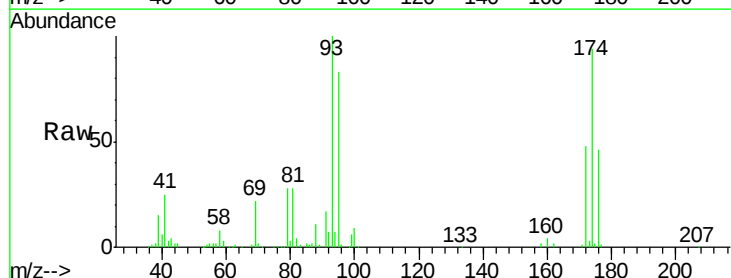
Tgt Ion: 93 Resp: 143105

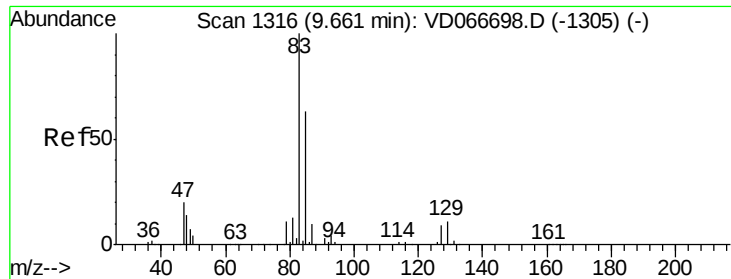
Ion Ratio Lower Upper

93 100

95 81.1 66.0 99.0

174 94.0 72.3 108.5





#47

Bromodichloromethane

Concen: 56.025 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

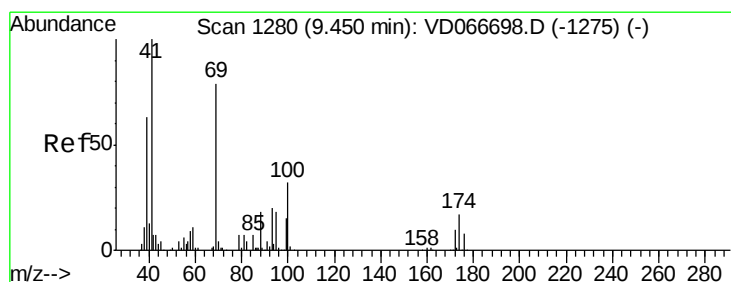
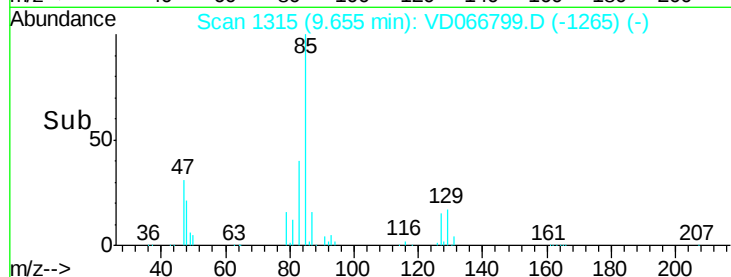
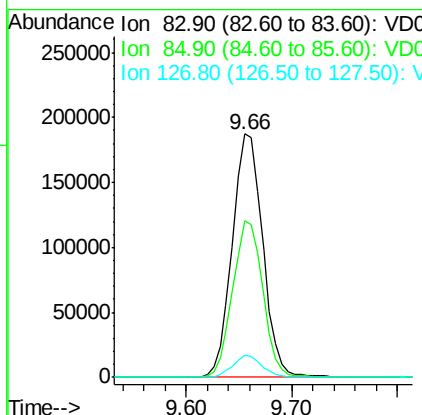
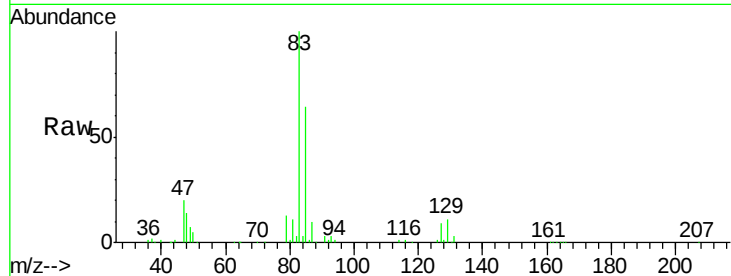
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	373354
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1
127	9.4	6.9	10.3

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#48

Methyl methacrylate

Concen: 55.369 ug/l

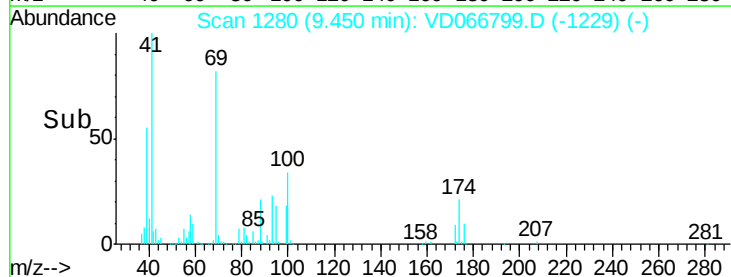
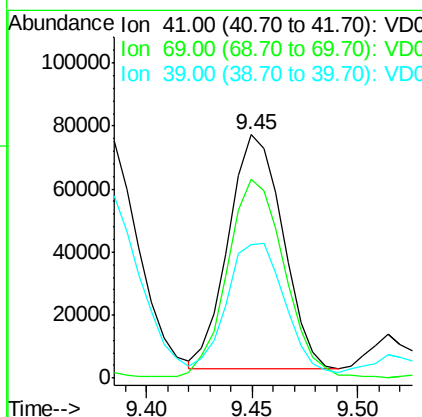
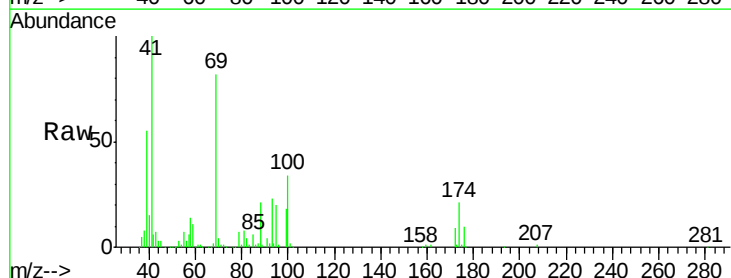
RT: 9.45 min Scan# 1280

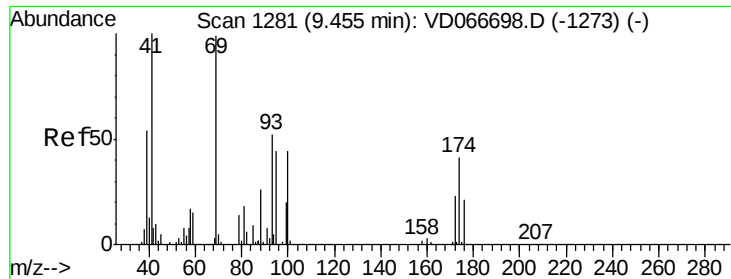
Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion:	41	Resp:	133540
Ion	Ratio	Lower	Upper
41	100		
69	88.5	62.4	93.6
39	57.7	44.8	67.2





#49

1,4-Dioxane

Concen: 1311.449 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 34356

Ion Ratio Lower Upper

88 100

43 34.3 29.3 43.9

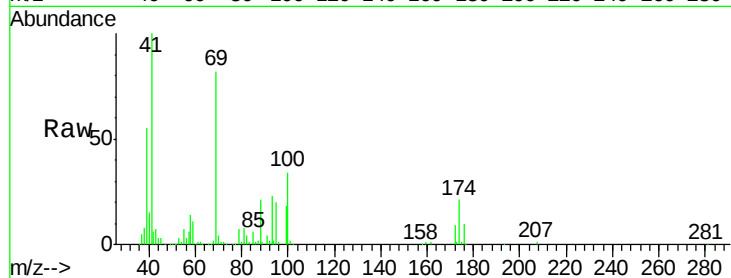
58 67.6 51.4 77.2

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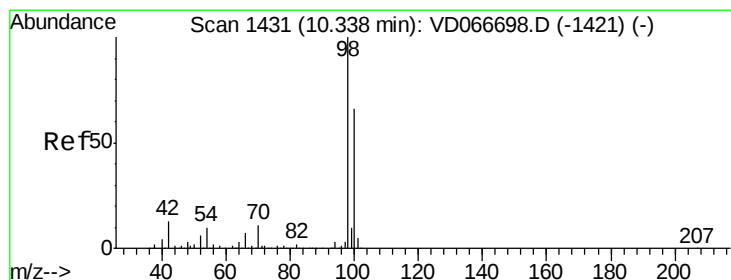
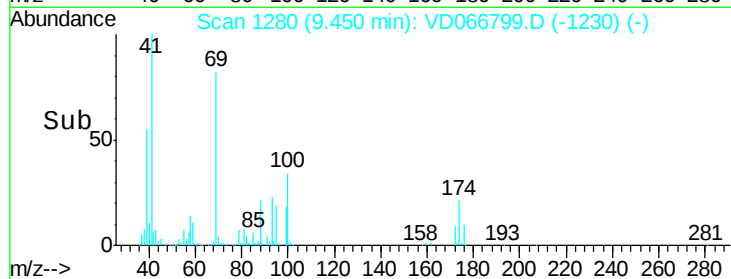
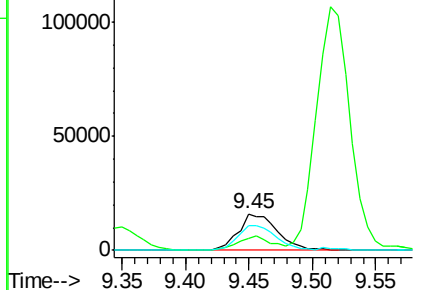
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Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 51.651 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066799.D

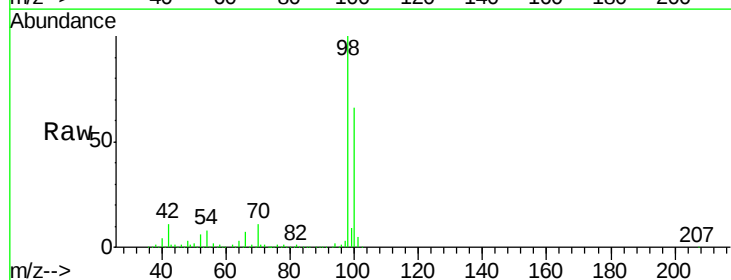
Acq: 21 Sep 2020 22:44

Tgt Ion: 98 Resp: 730195

Ion Ratio Lower Upper

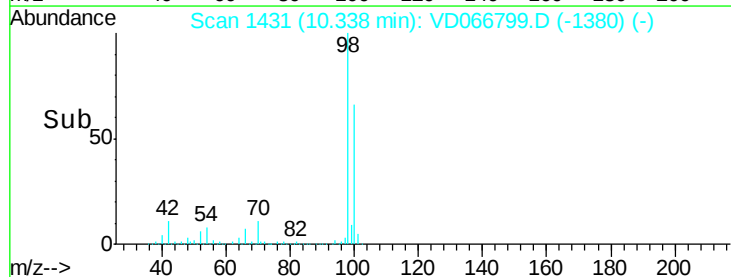
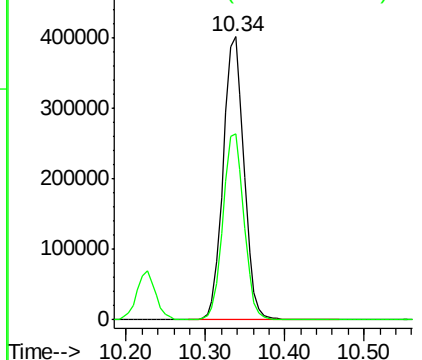
98 100

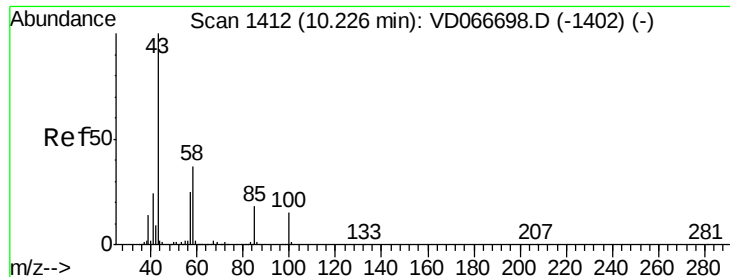
100 66.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 284.973 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 695652

Ion Ratio Lower Upper

43 100

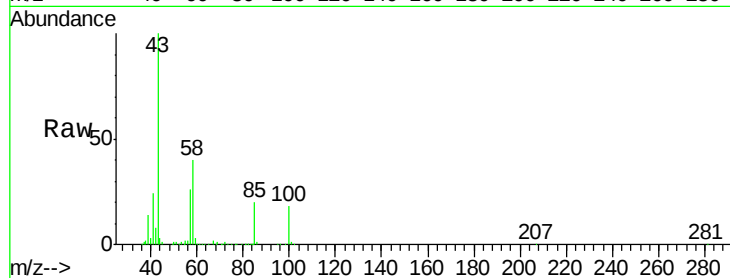
58 40.1 30.4 45.6

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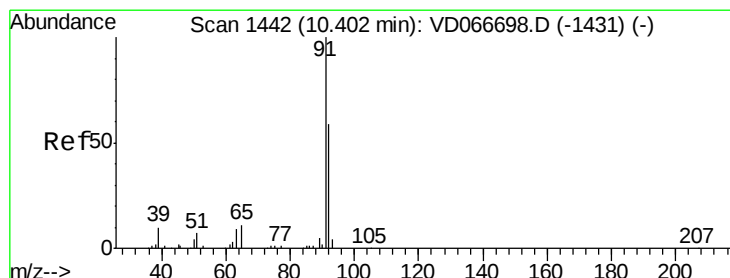
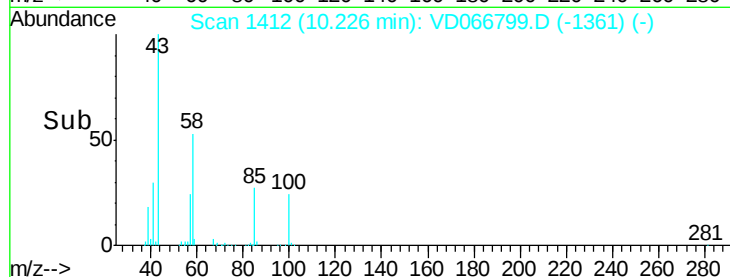
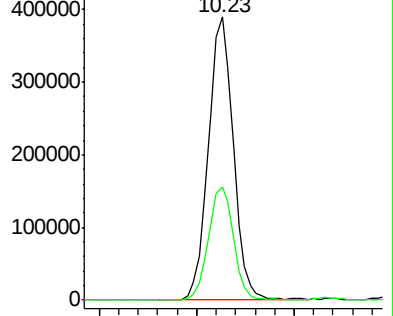
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 56.659 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066799.D

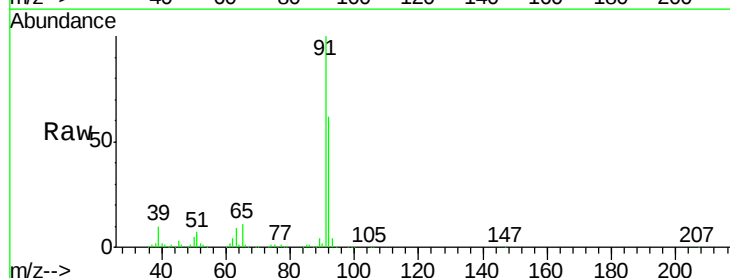
Acq: 21 Sep 2020 22:44

Tgt Ion: 92 Resp: 653430

Ion Ratio Lower Upper

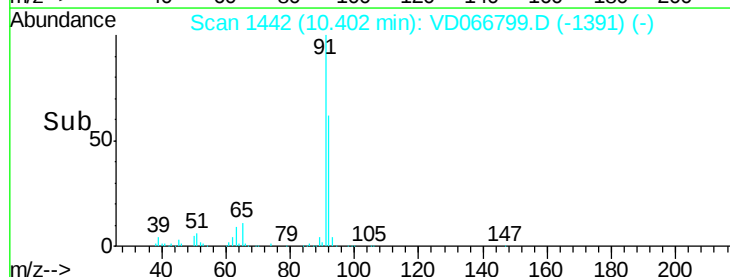
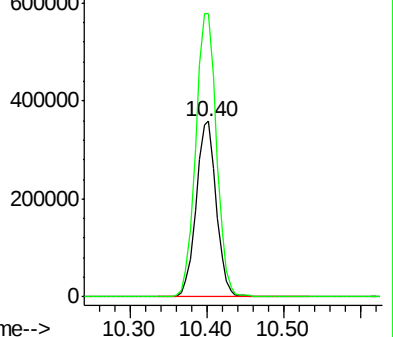
92 100

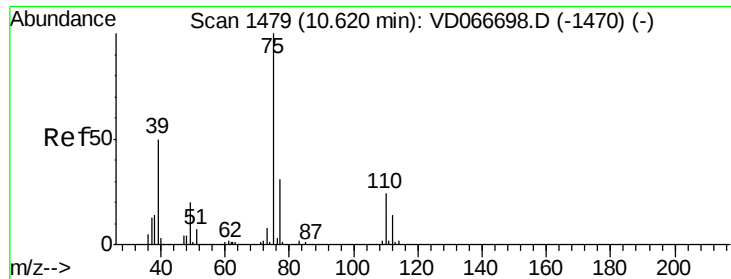
91 167.2 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





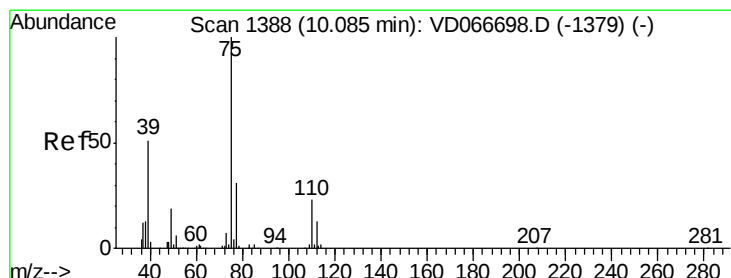
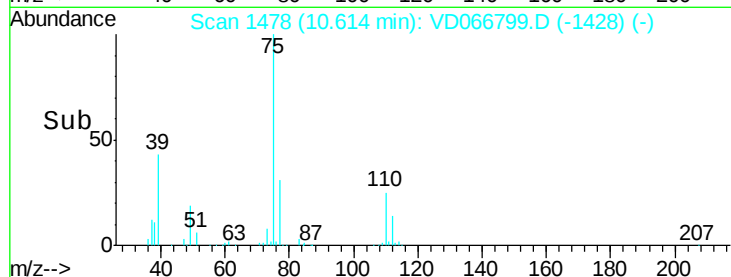
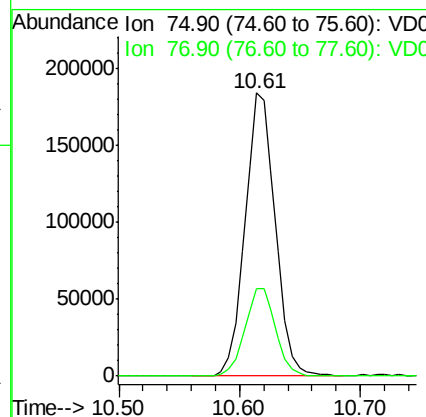
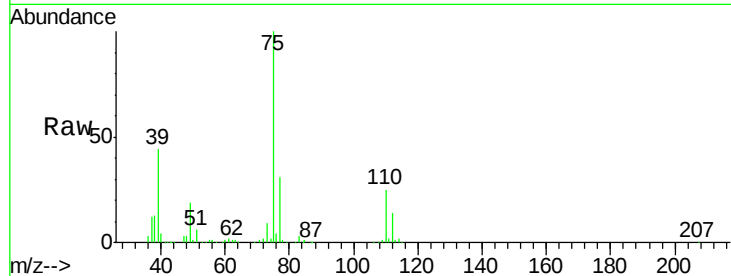
#53
 t-1,3-Dichloropropene
 Concen: 53.849 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 320572
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8

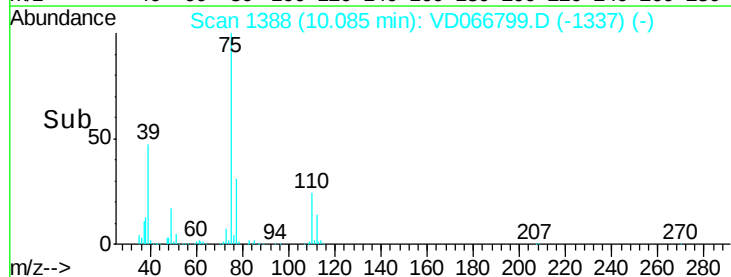
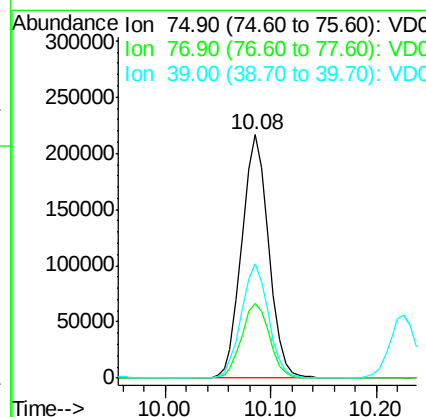
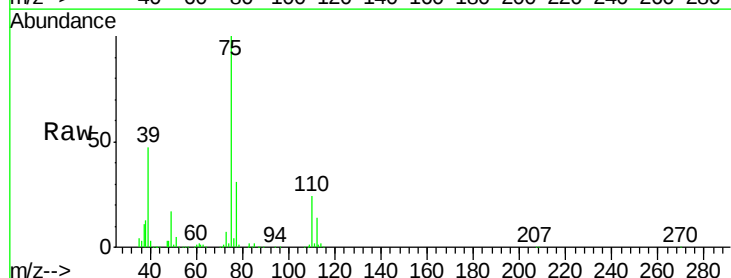
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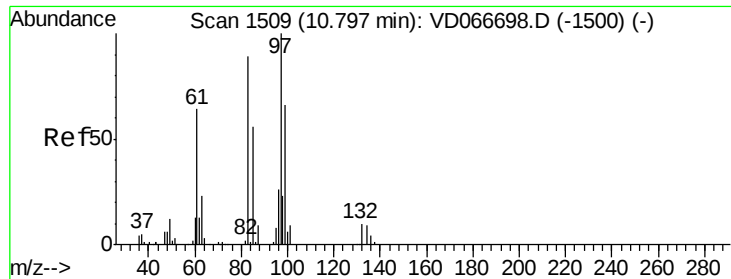
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#54
 cis-1,3-Dichloropropene
 Concen: 54.133 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion: 75 Resp: 382770
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 47.0 40.6 61.0





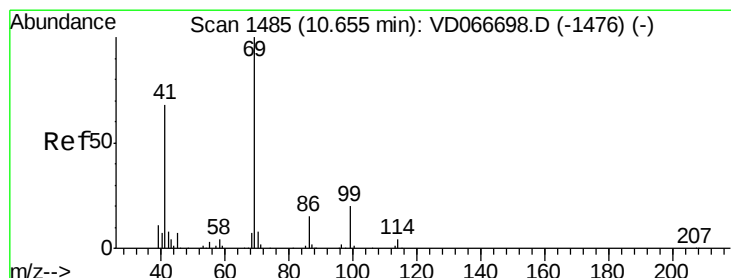
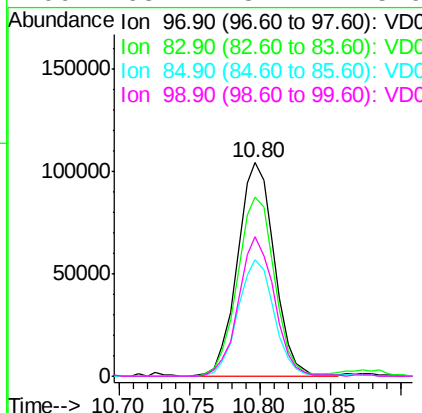
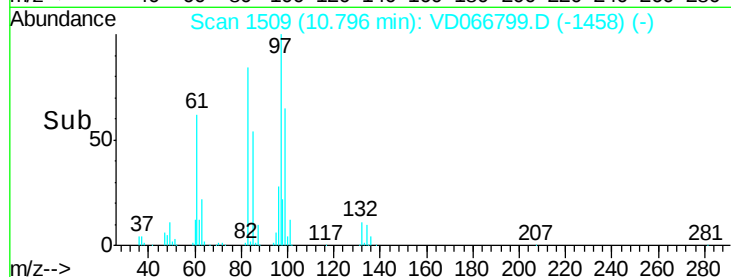
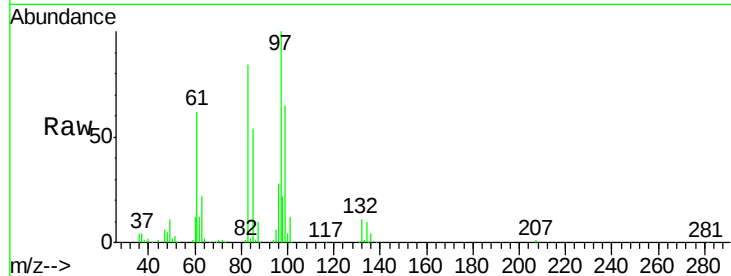
#55
 1,1,2-Trichloroethane
 Concen: 58.934 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	190030
Ion	Ratio	Lower	Upper
97	100		
83	84.1	71.4	107.2
85	54.4	44.7	67.1
99	65.4	52.4	78.6

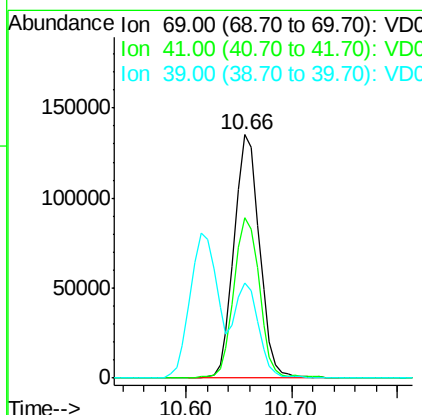
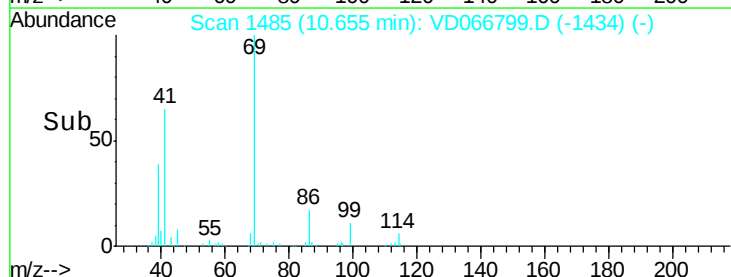
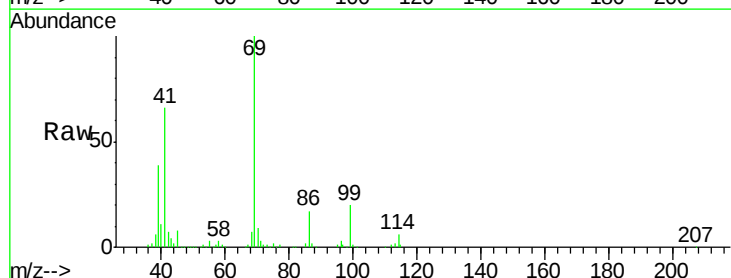
Manual Integrations
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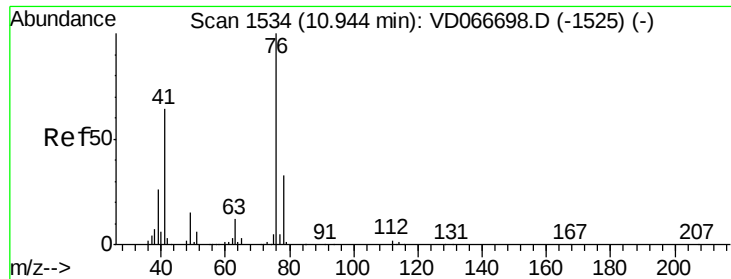
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#56
 Ethyl methacrylate
 Concen: 61.549 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion:	69	Resp:	225214
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.5	83.3
39	36.7	29.7	44.5





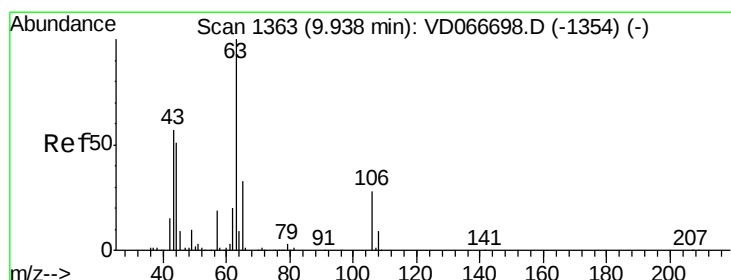
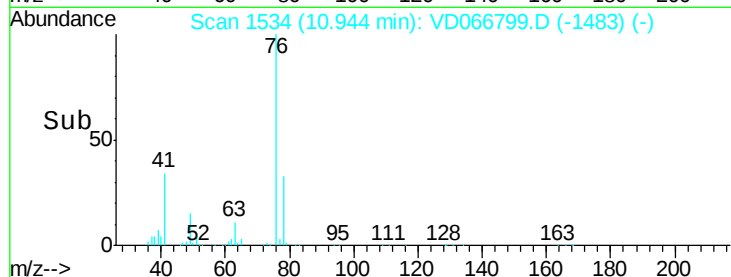
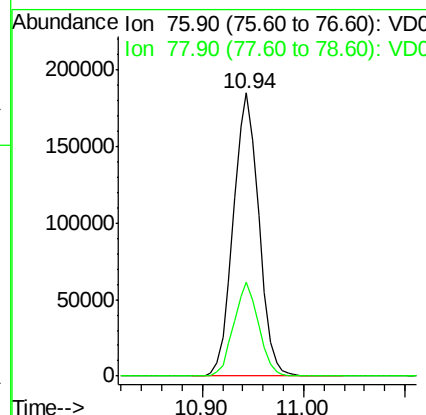
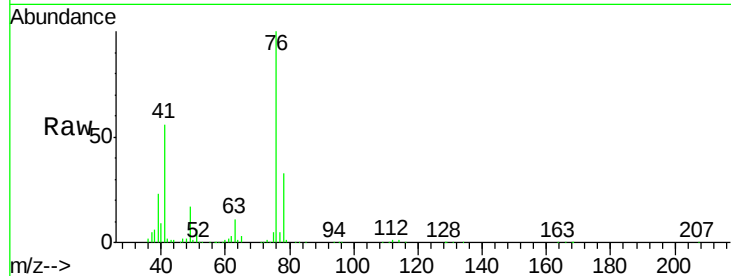
#57
 1,3-Dichloropropane
 Concen: 57.243 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

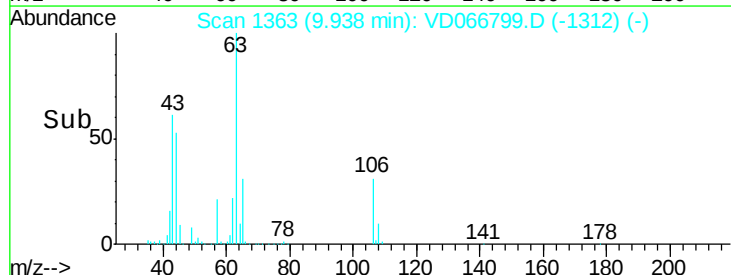
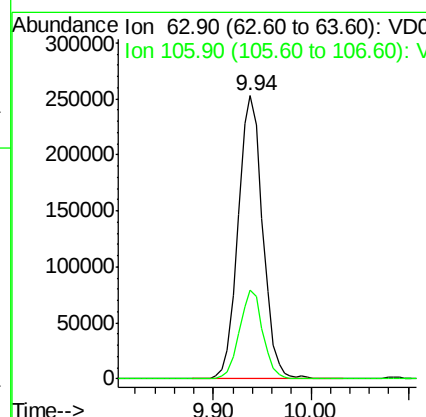
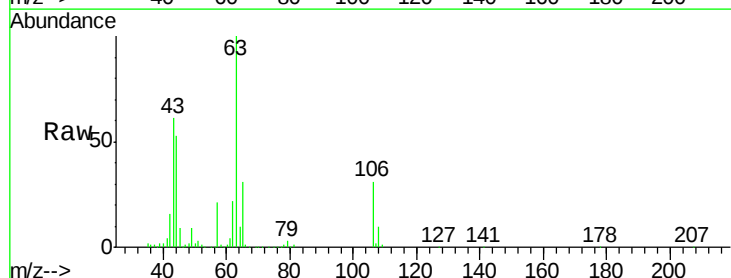
Manual Integrations
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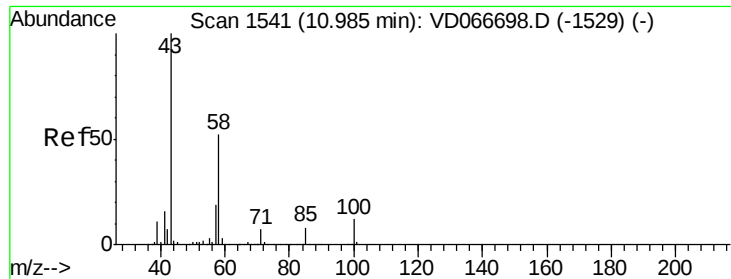
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 273.776 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	22.2	33.4





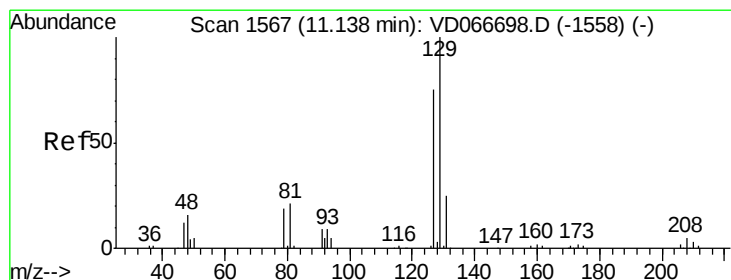
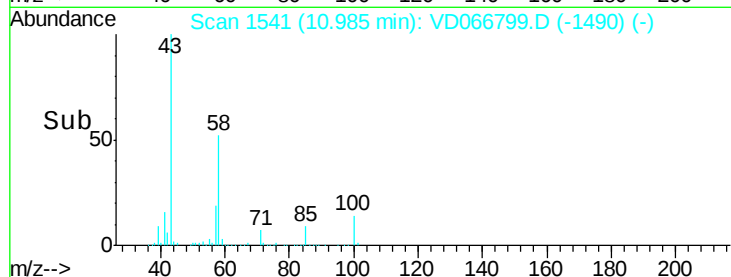
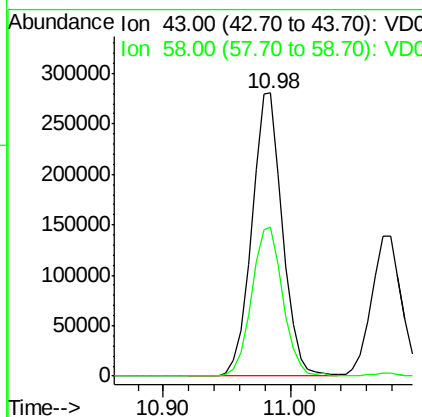
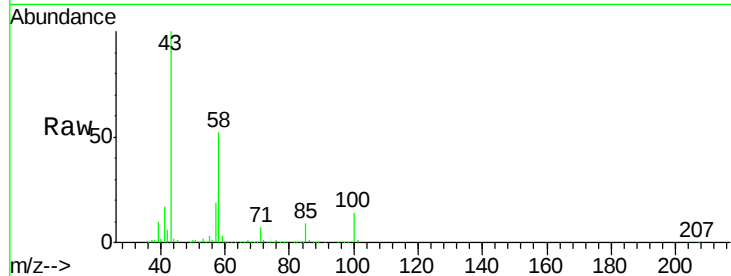
#59
2-Hexanone
Concen: 287.789 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	472038
Ion Ratio	43	100	
Lower	58	53.6	26.2
Upper			78.5

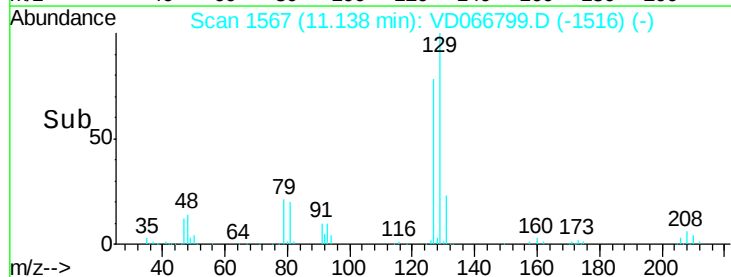
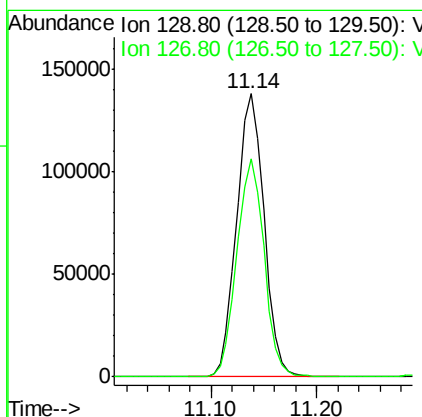
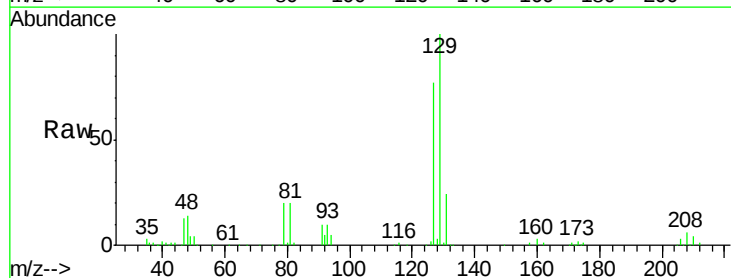
Manual Integrations
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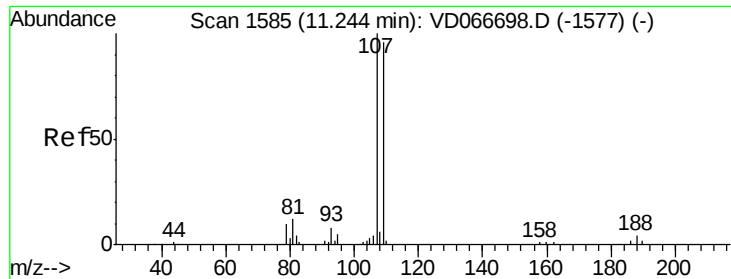
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#60
Dibromochloromethane
Concen: 59.165 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	129	Resp	248576
Ion Ratio	129	100	
Lower	127	76.6	38.1
Upper			114.3





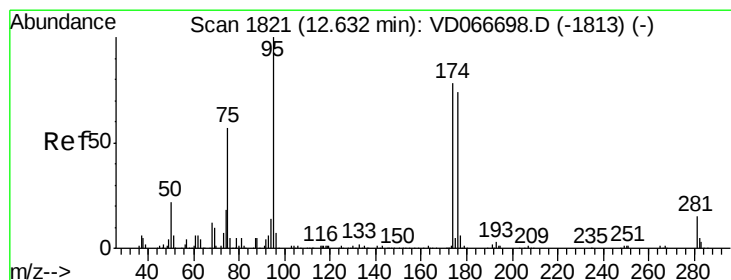
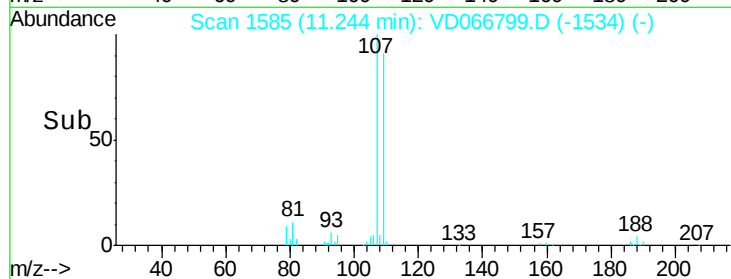
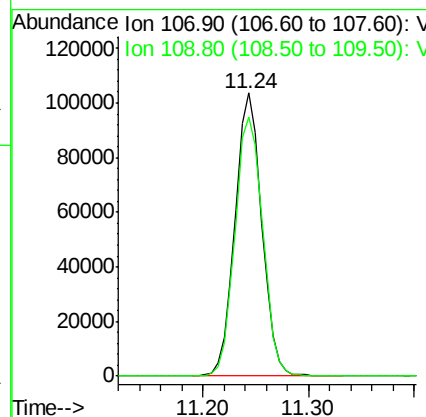
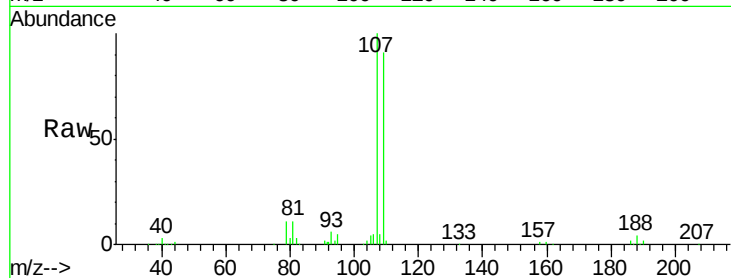
#61
 1,2-Dibromoethane
 Concen: 58.458 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	180812		
109	95.3	75.6	113.4	

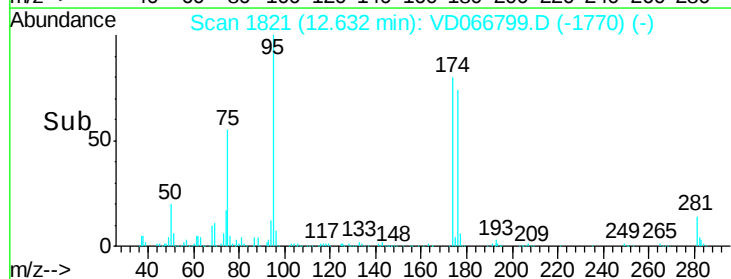
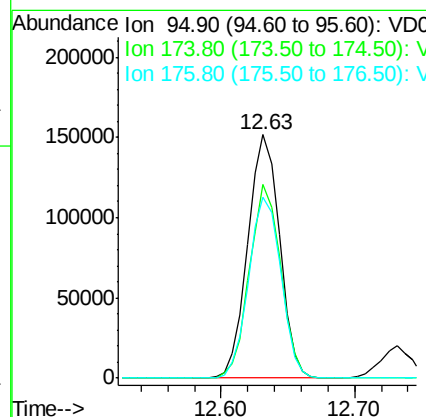
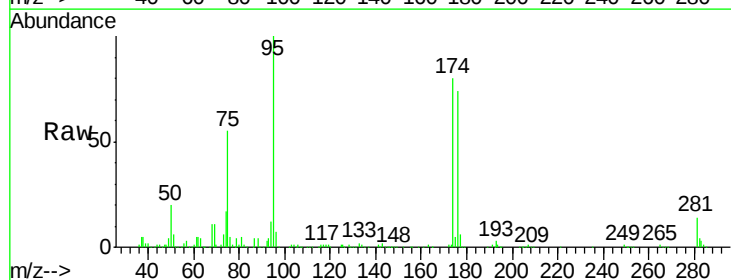
Manual Integrations
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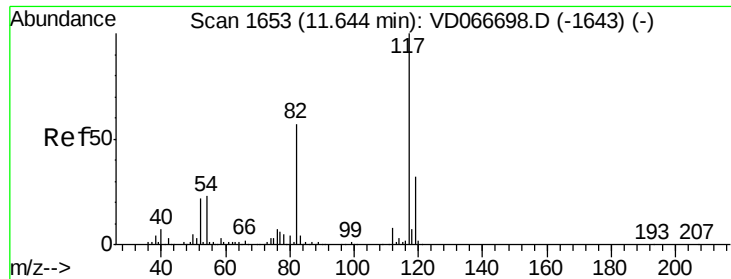
MMDadoda
 9/22/2020 2:09:52 PM



#62
 4-Bromofluorobenzene
 Concen: 51.128 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	249500		
174	78.1	0.0	156.6	
176	75.5	0.0	150.2	





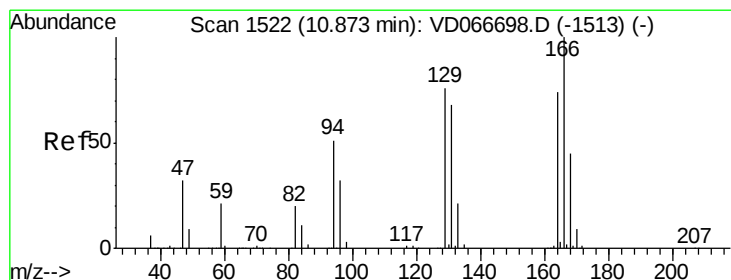
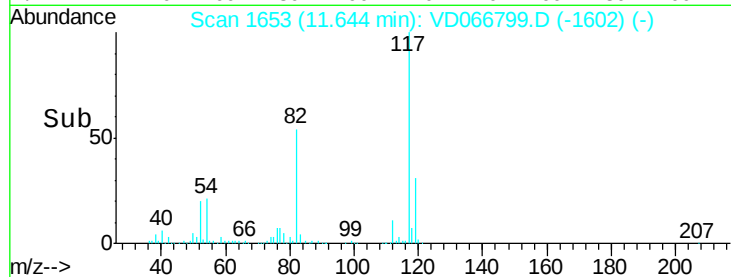
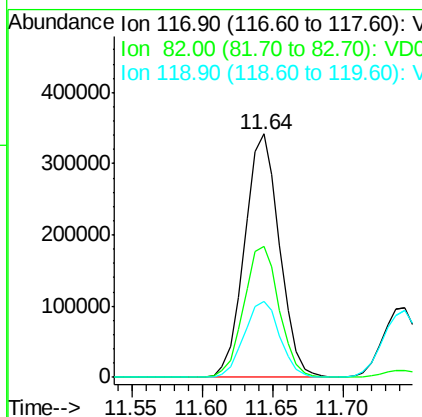
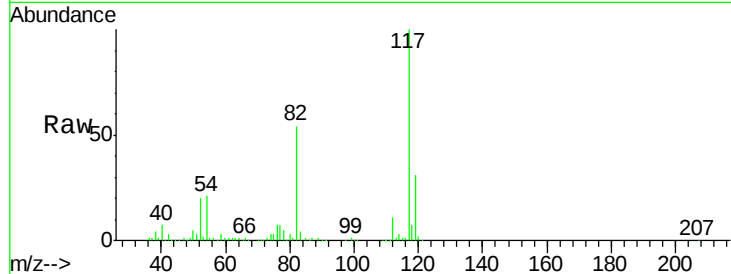
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	593197		
82	53.7		45.4	68.0
119	31.2		25.8	38.6

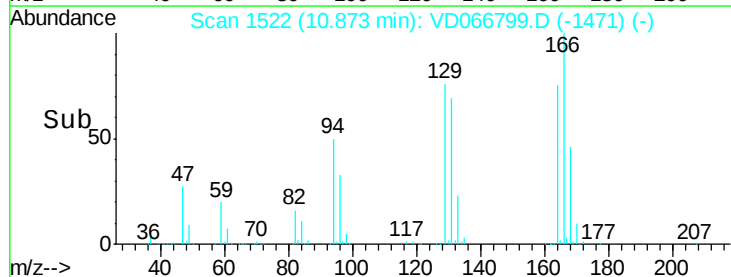
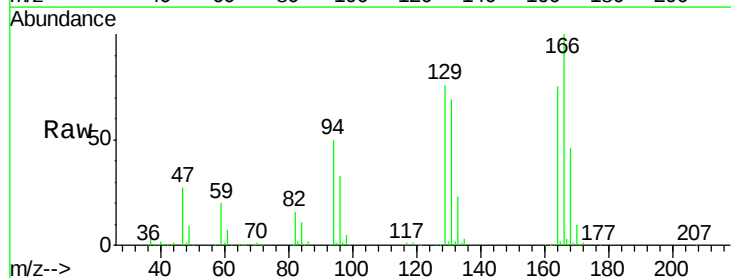
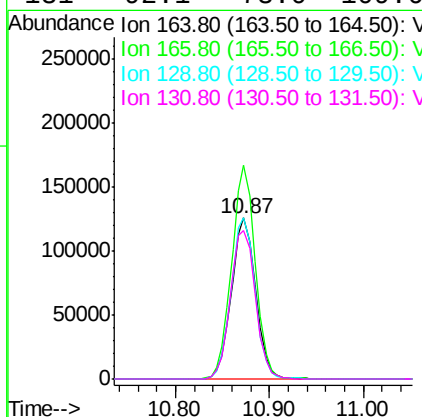
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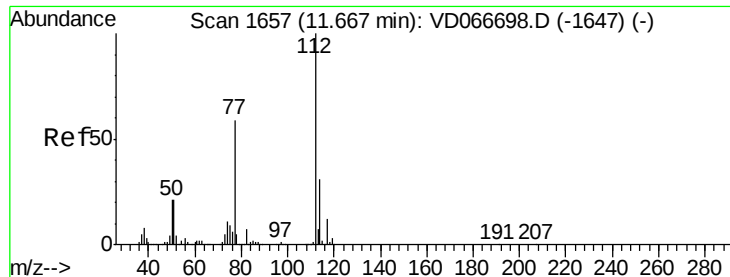
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#64
Tetrachloroethene
Concen: 55.487 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224688		
166	132.7		107.5	161.3
129	100.5		81.4	122.0
131	92.1		73.0	109.6





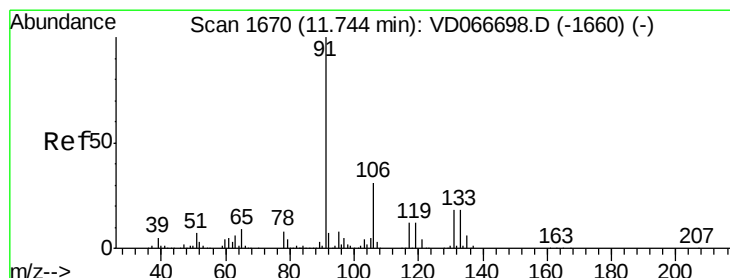
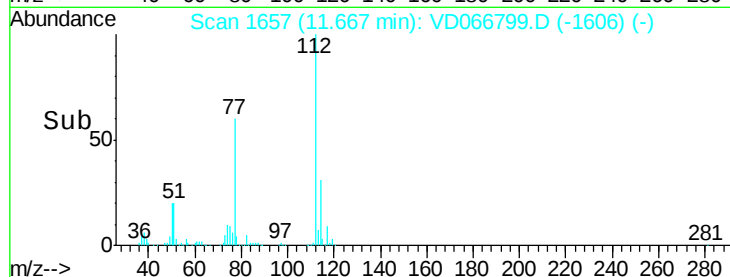
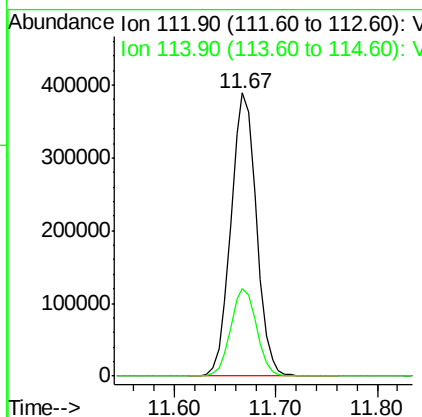
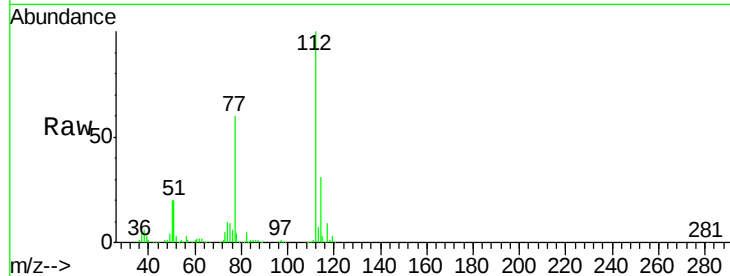
#65
Chlorobenzene
Concen: 55.148 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 677309
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6

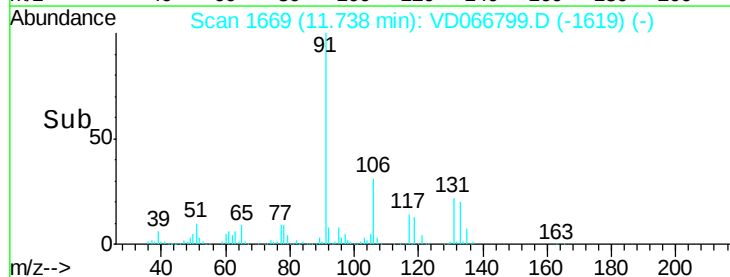
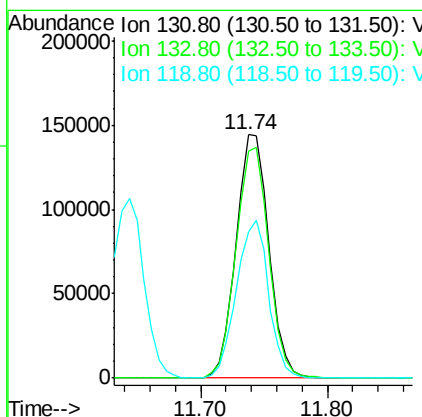
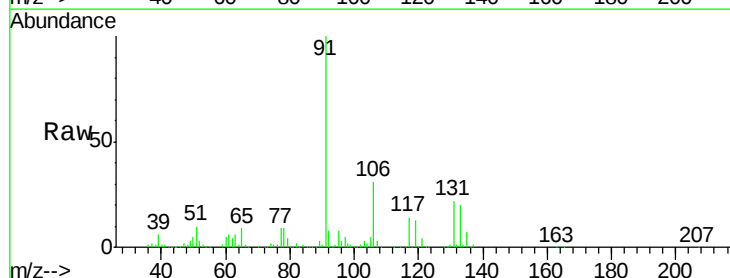
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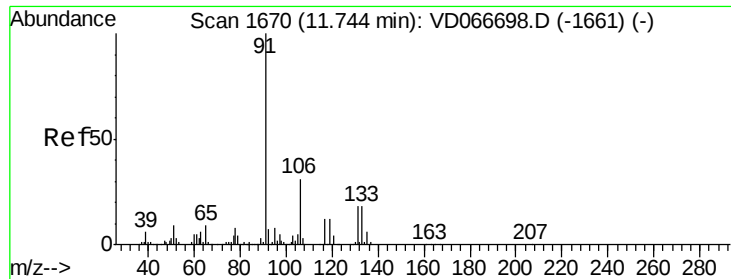
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.096 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion:131 Resp: 258731
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 63.8 33.6 100.8





#67

Ethyl Benzene

Concen: 54.822 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 91 Resp: 1219581

Ion Ratio Lower Upper

91 100

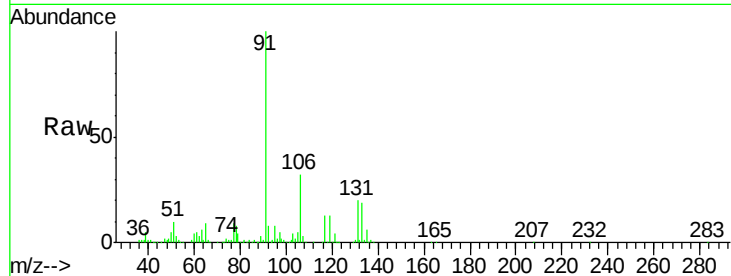
106 32.4 25.1 37.7

Manual Integrations

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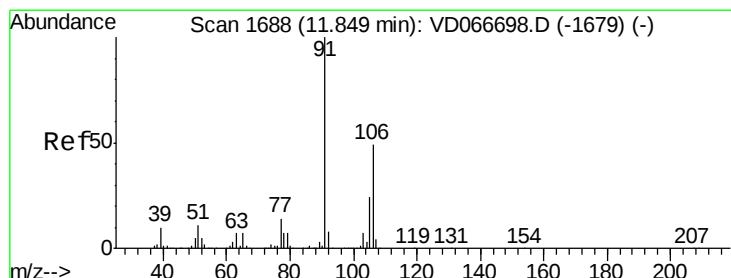
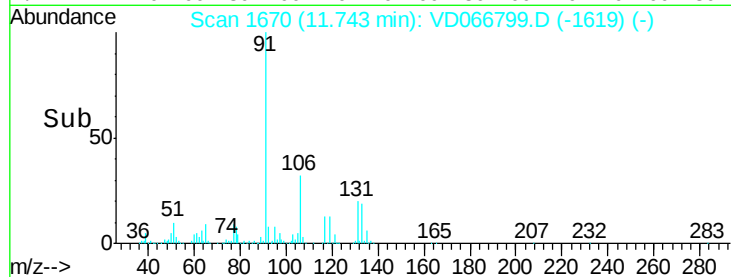
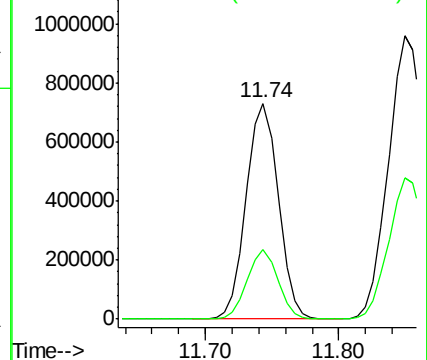
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 109.305 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066799.D

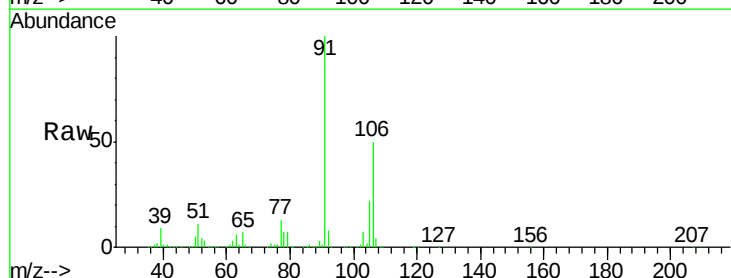
Acq: 21 Sep 2020 22:44

Tgt Ion: 106 Resp: 919022

Ion Ratio Lower Upper

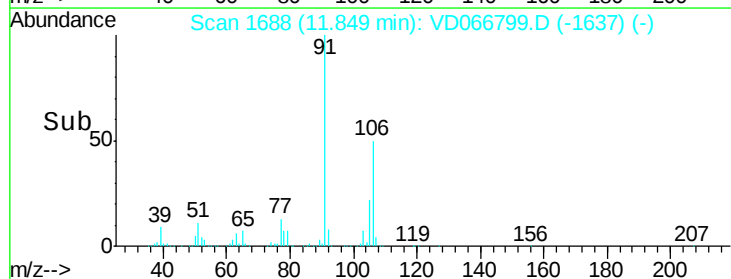
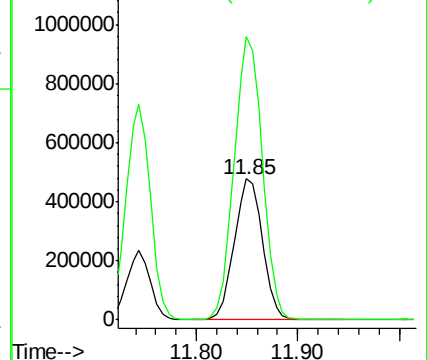
106 100

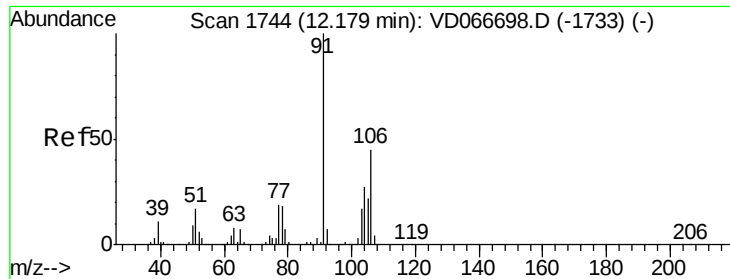
91 201.8 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V





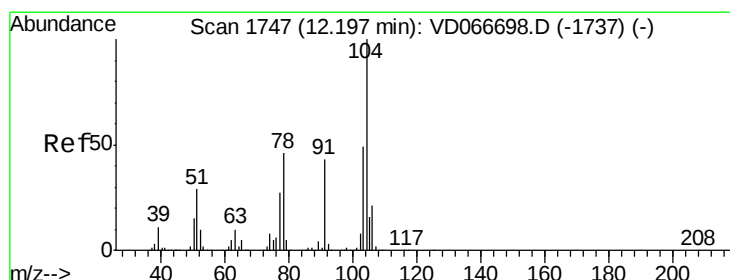
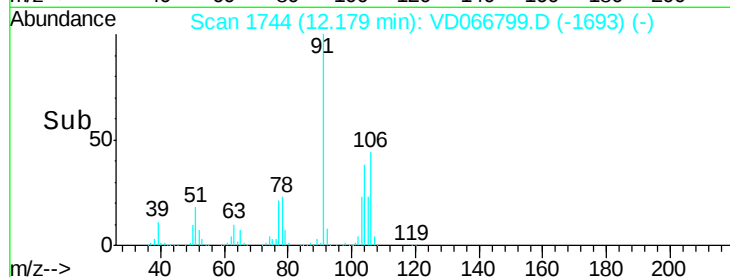
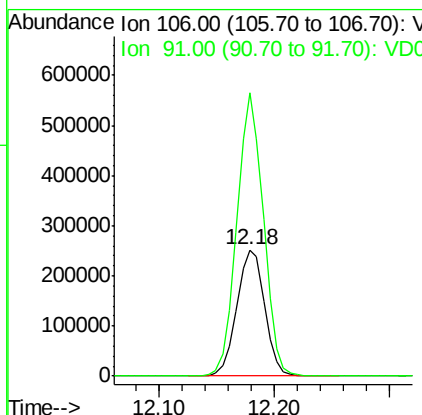
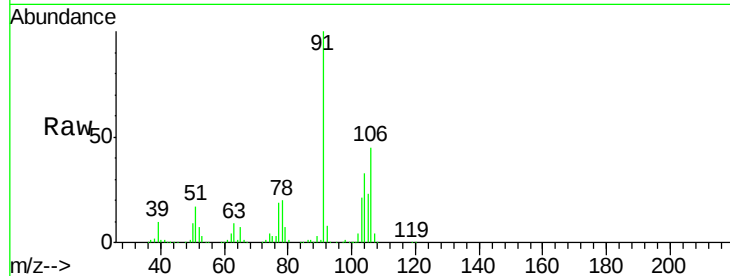
#69
o-Xylene
Concen: 56.358 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 418743
Ion Ratio Lower Upper
106 100
91 214.0 109.4 328.2

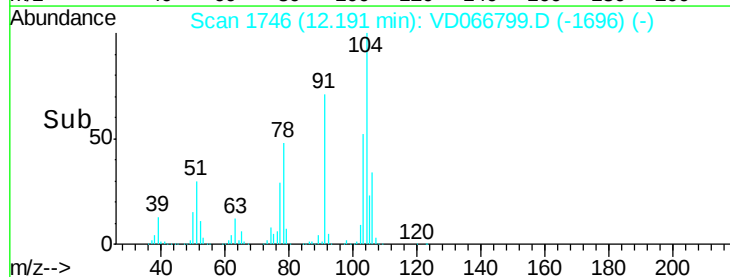
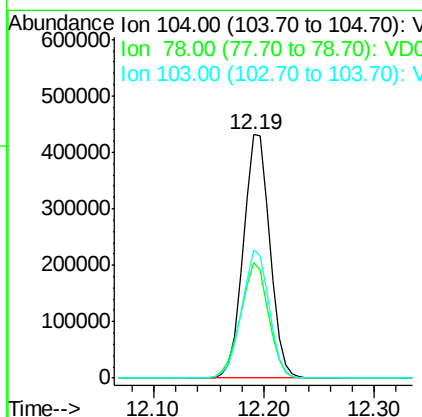
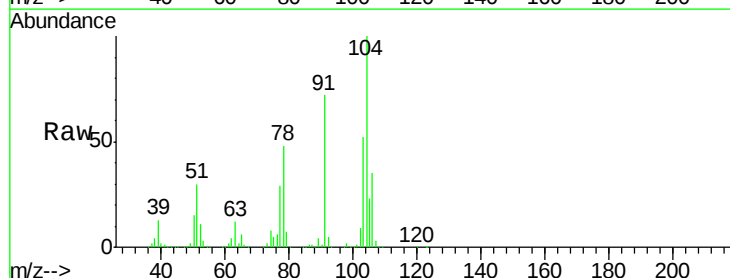
Manual Integrations
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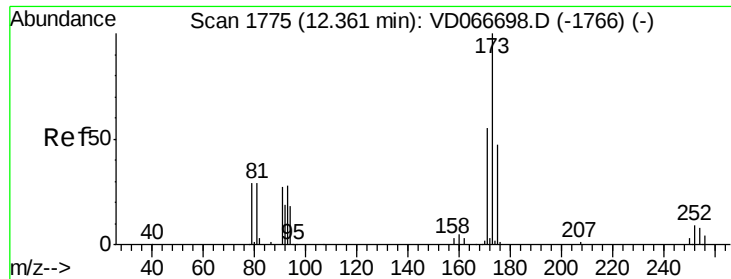
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#70
Styrene
Concen: 55.846 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion:104 Resp: 730309
Ion Ratio Lower Upper
104 100
78 50.4 40.2 60.4
103 54.5 42.5 63.7





#71

Bromoform

Concen: 59.192 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

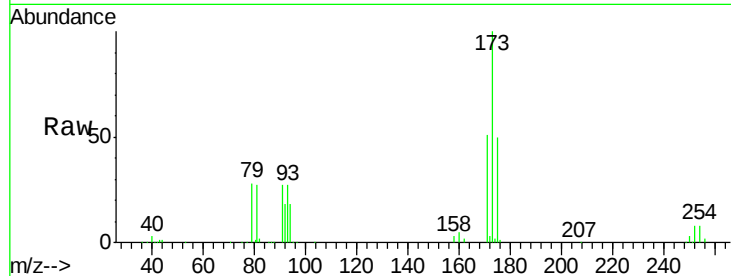
ClientSampleId :

VSTDCCC050EC

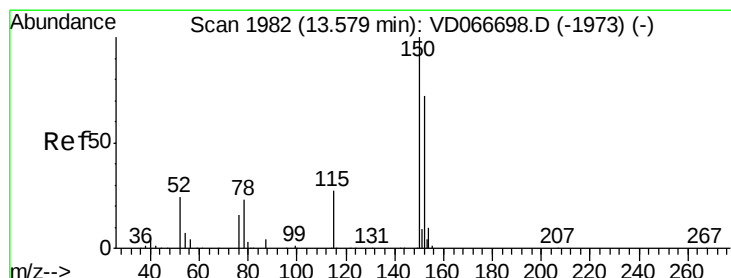
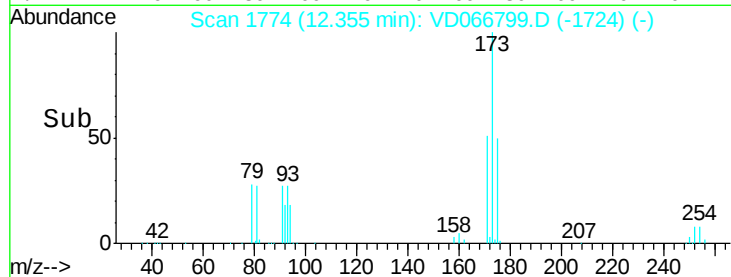
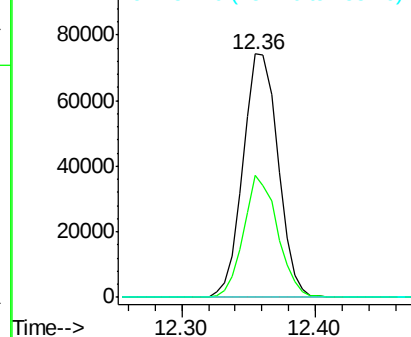
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

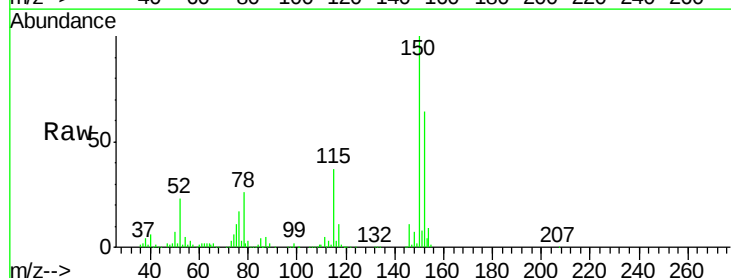
RT: 13.57 min Scan# 1981

Delta R.T. -0.01 min

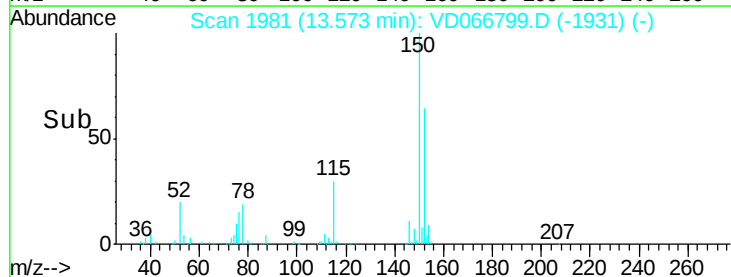
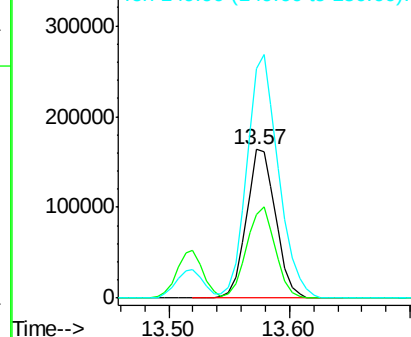
Lab File: VD066799.D

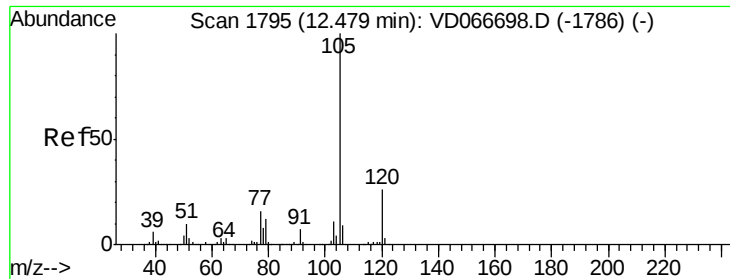
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.5	91.5
150	176.5	0.0	344.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.393 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1138772

Ion Ratio Lower Upper

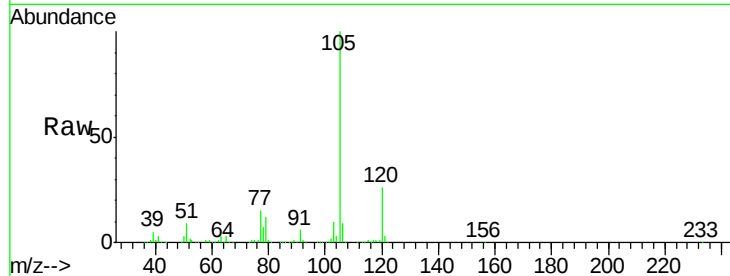
105 100

120 26.9 13.1 39.1

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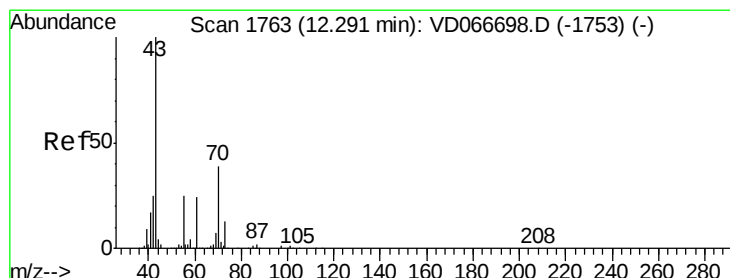
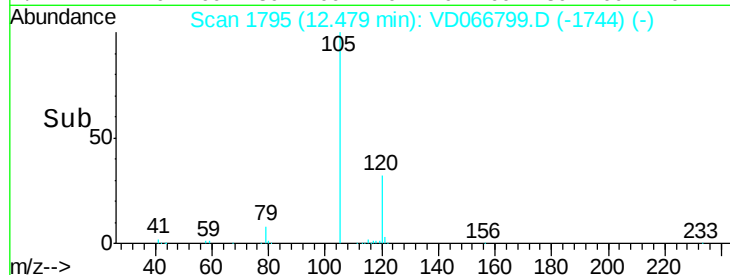
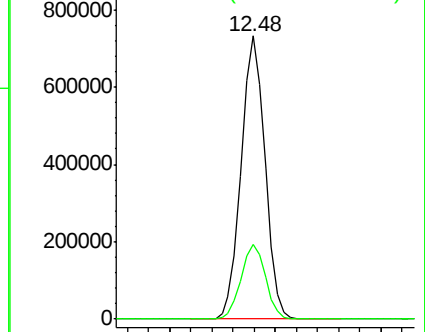
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.436 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion: 43 Resp: 244743

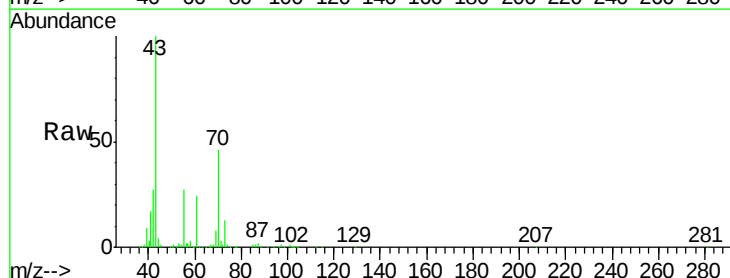
Ion Ratio Lower Upper

43 100

70 45.3 33.0 49.4

55 26.7 20.6 30.8

61 23.8 19.1 28.7

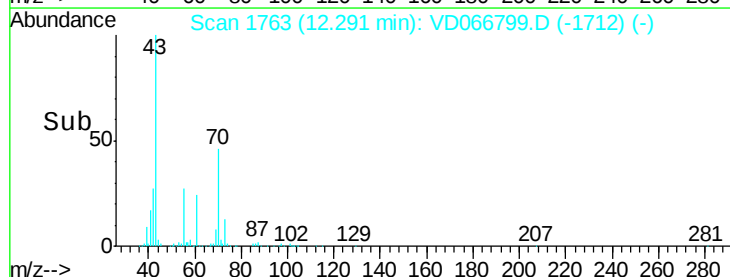
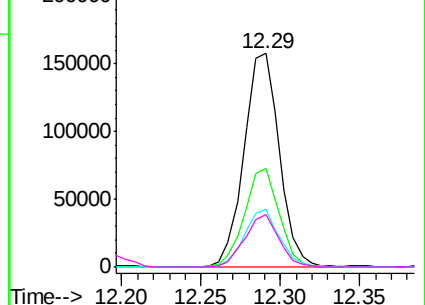


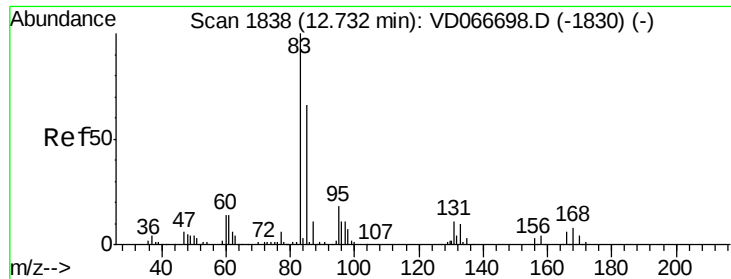
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 56.607 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

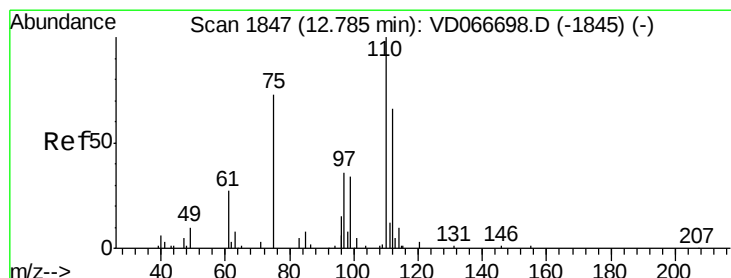
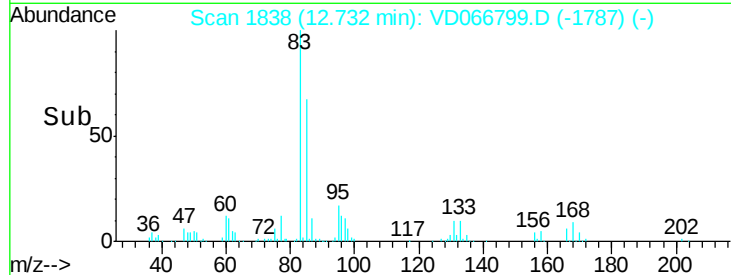
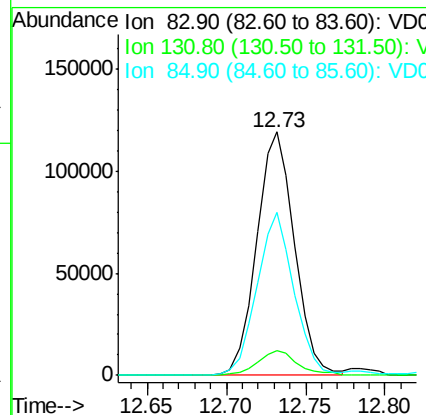
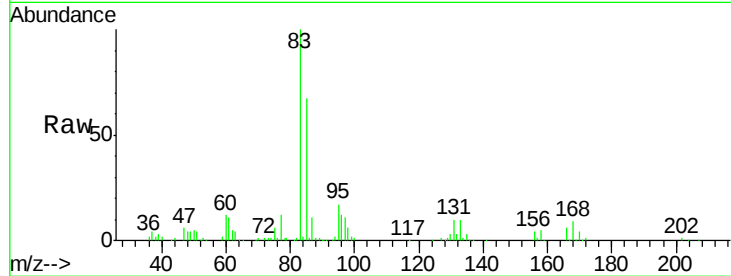
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	197745
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.8	17.3
85	65.1	33.3	99.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.030 ug/l m

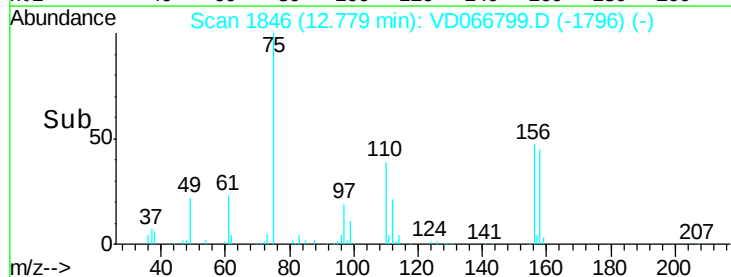
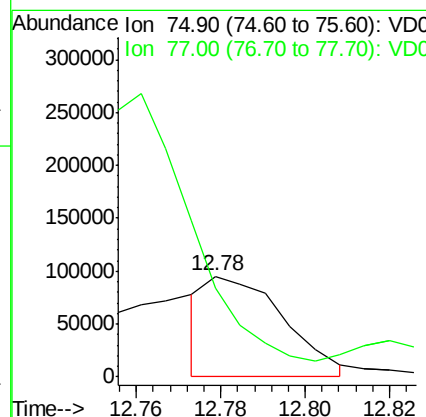
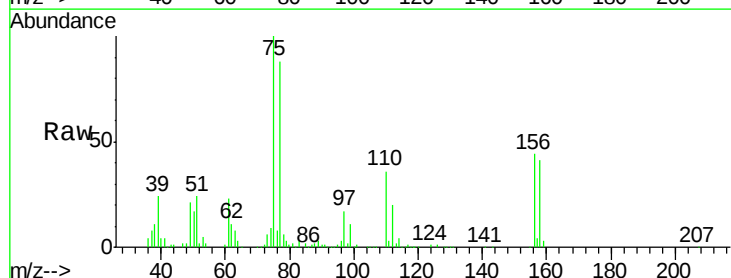
RT: 12.78 min Scan# 1846

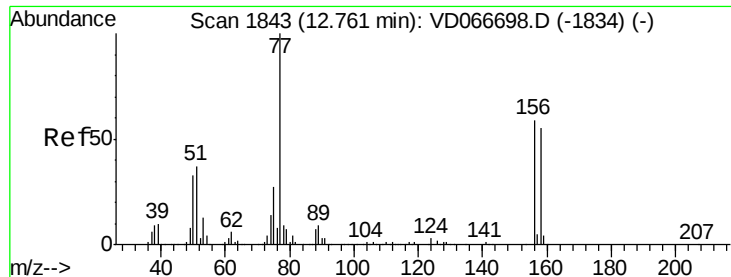
Delta R.T. -0.01 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion:	75	Resp:	122645
Ion Ratio	Lower	Upper	
75	100		
77	403.1	0.0	0.0#





#77

Bromobenzene

Concen: 55.960 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

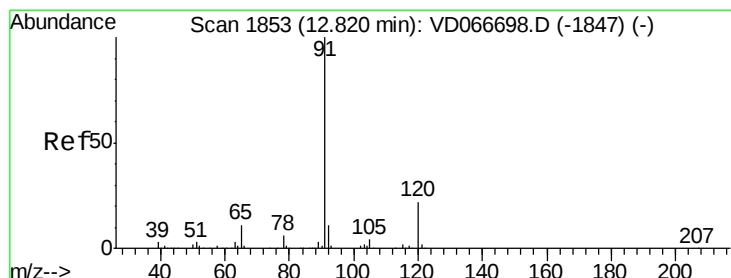
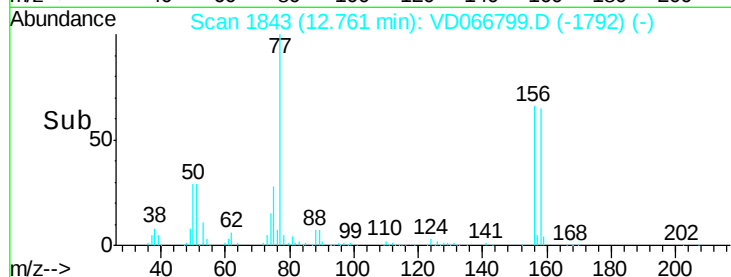
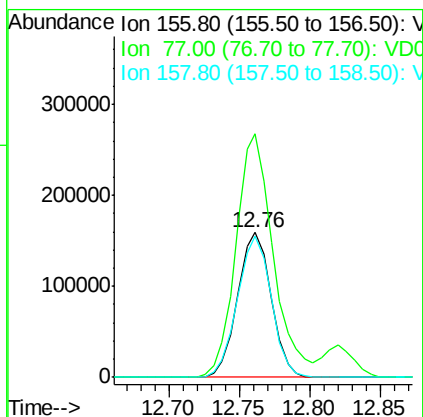
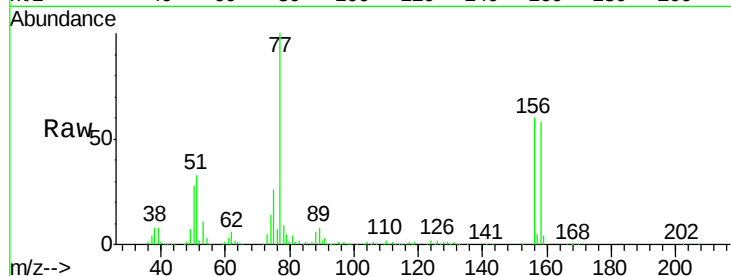
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	265154
Ion Ratio	Lower	Upper	
156	100		
77	186.5	95.8	287.3
158	98.0	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 54.285 ug/l

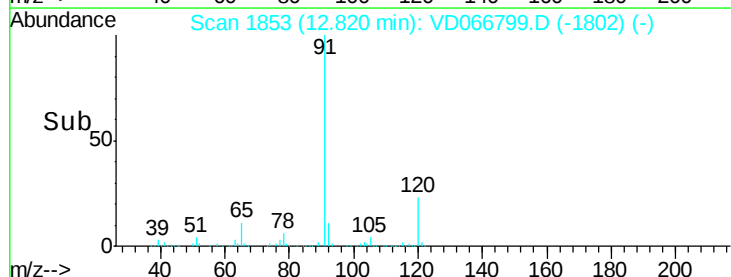
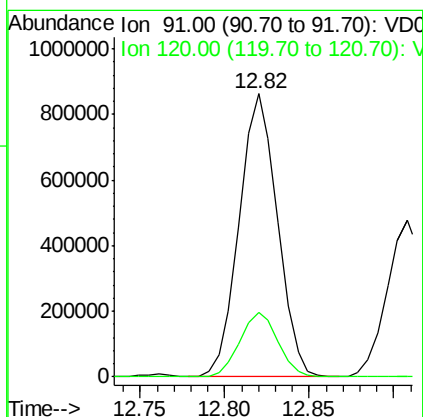
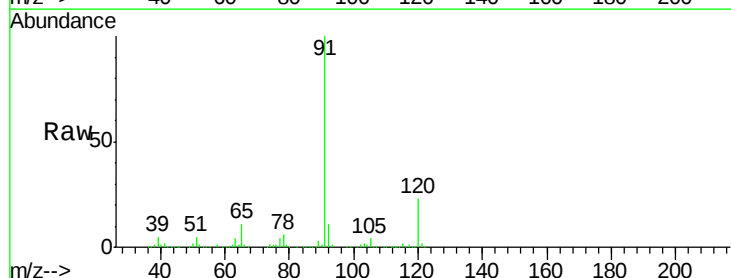
RT: 12.82 min Scan# 1853

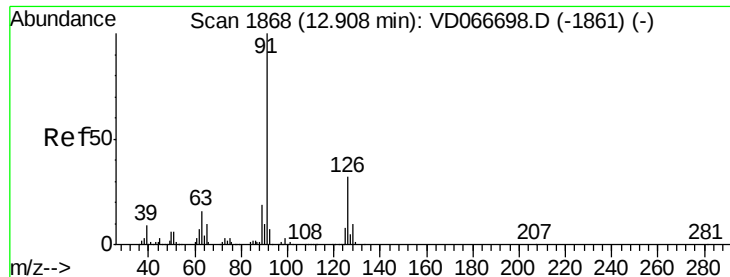
Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Tgt Ion:	91	Resp:	1360412
Ion Ratio	Lower	Upper	
91	100		
120	22.8	10.9	32.9





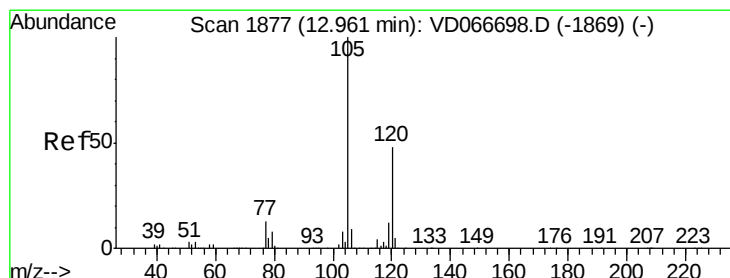
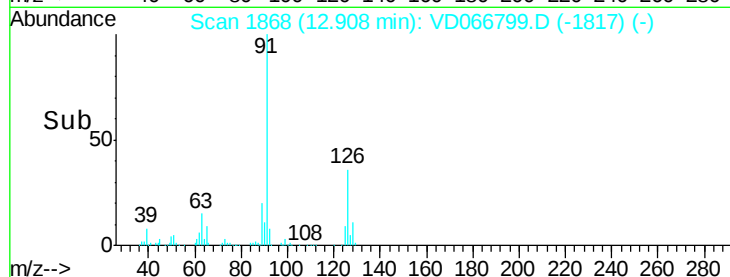
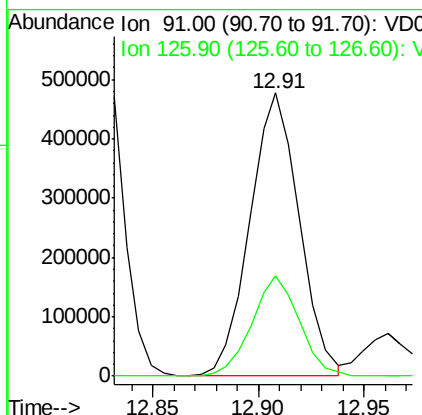
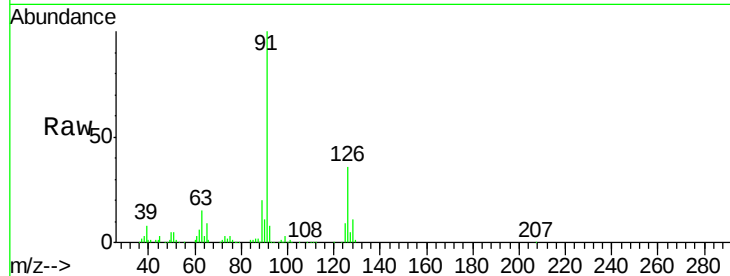
#79
2-Chlorotoluene
Concen: 54.669 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 774689
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6

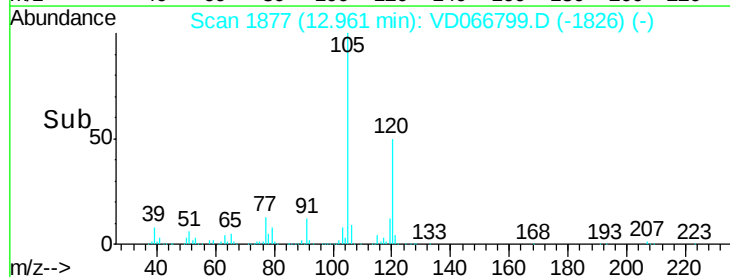
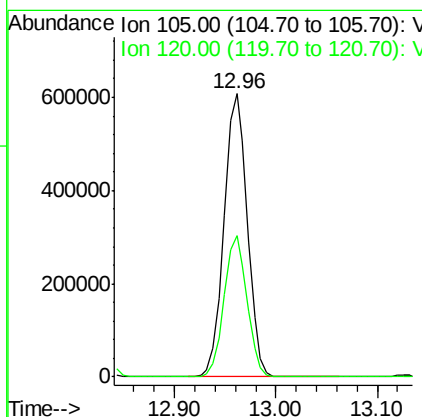
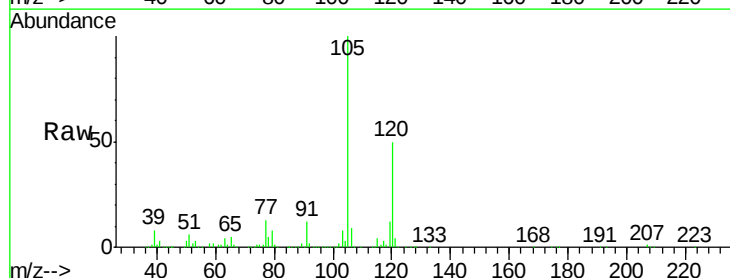
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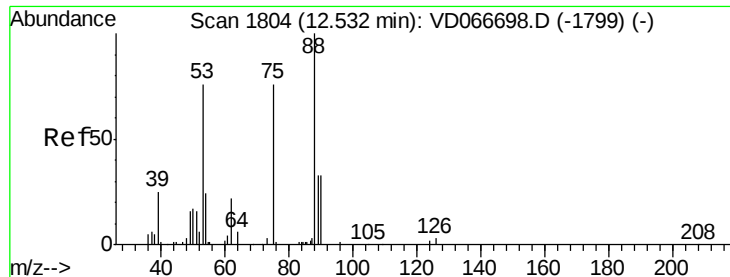
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#80
1,3,5-Trimethylbenzene
Concen: 55.581 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion: 105 Resp: 966124
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7





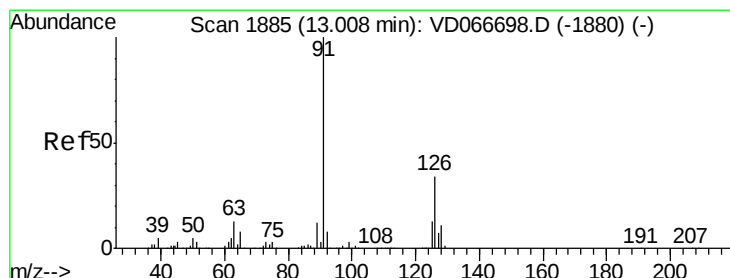
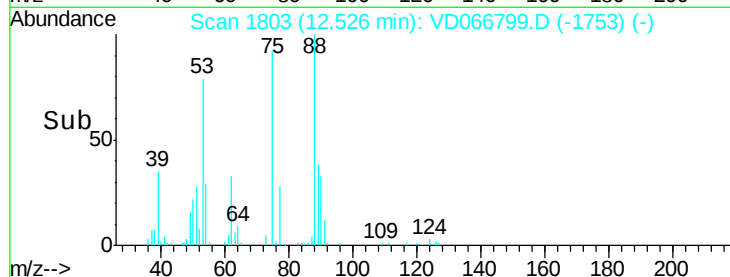
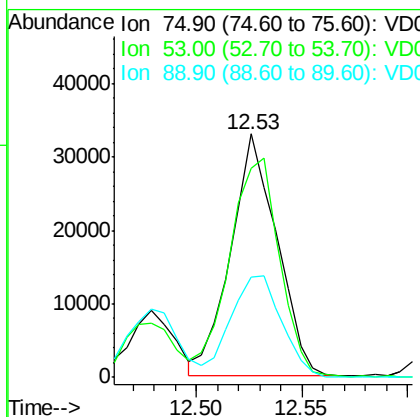
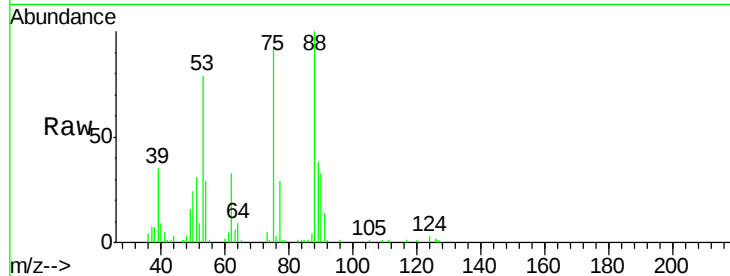
#81
trans-1,4-Dichloro-2-butene
Concen: 45.913 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	82.2	123.4
89	45.9	39.6	59.4

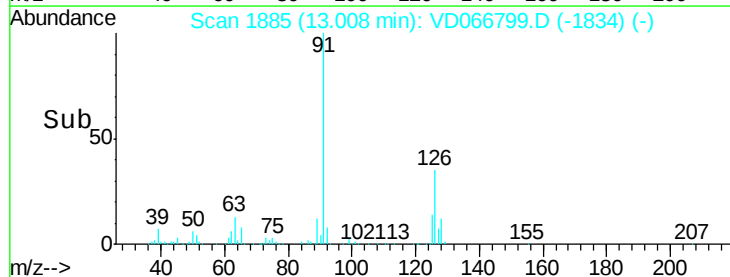
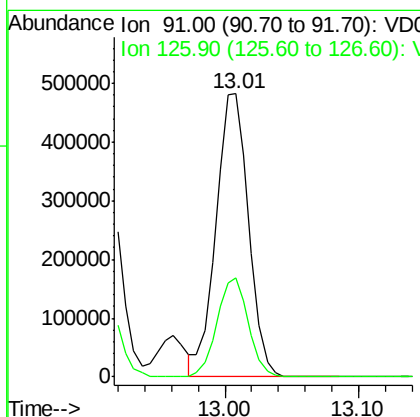
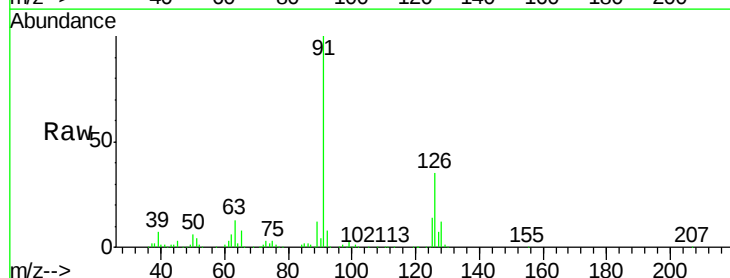
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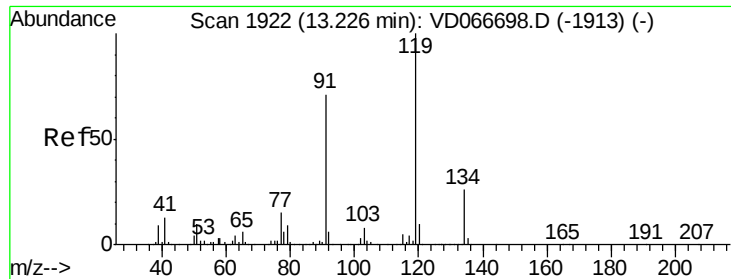
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#82
4-Chlorotoluene
Concen: 55.039 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.8	50.4





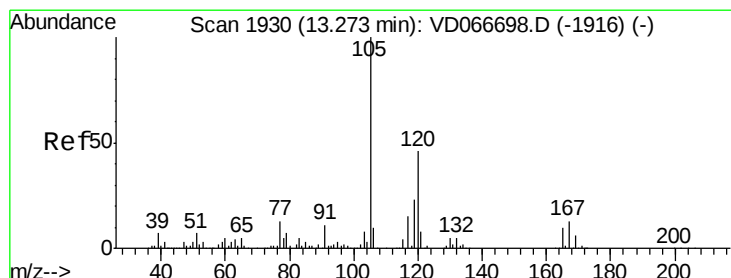
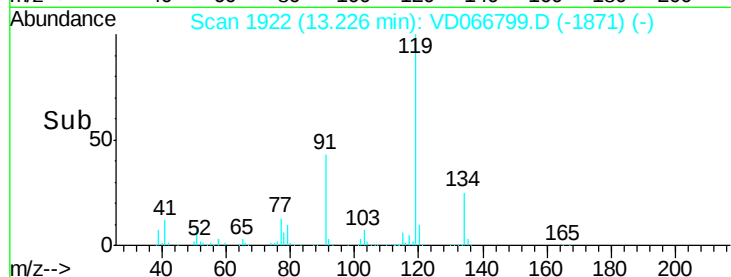
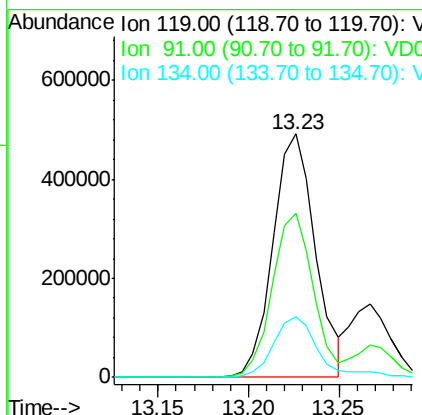
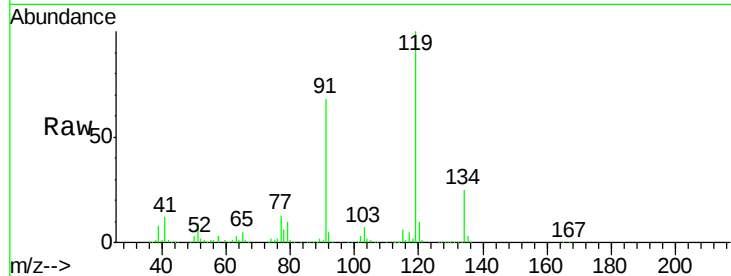
#83
tert-Butylbenzene
Concen: 56.029 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	35.0	105.1
134	26.6	13.6	40.8

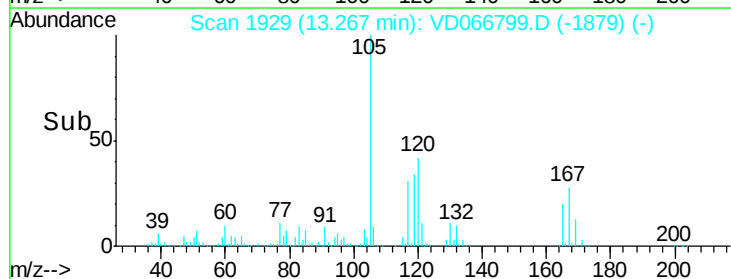
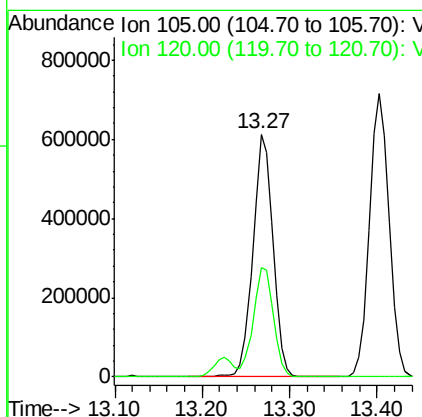
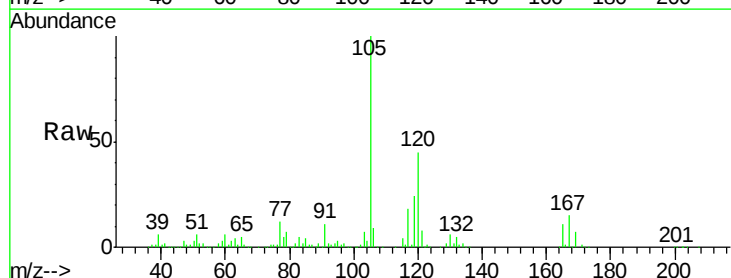
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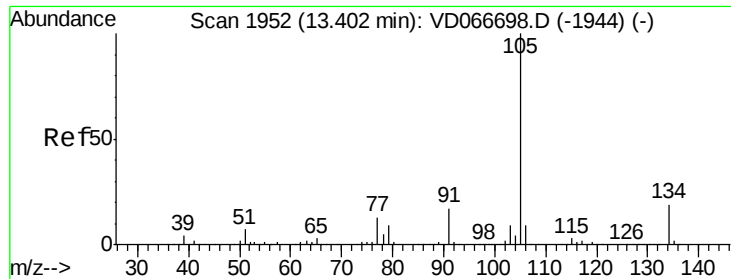
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#84
1,2,4-Trimethylbenzene
Concen: 55.549 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.2





#85

sec-Butylbenzene

Concen: 54.336 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1116022

Ion Ratio Lower Upper

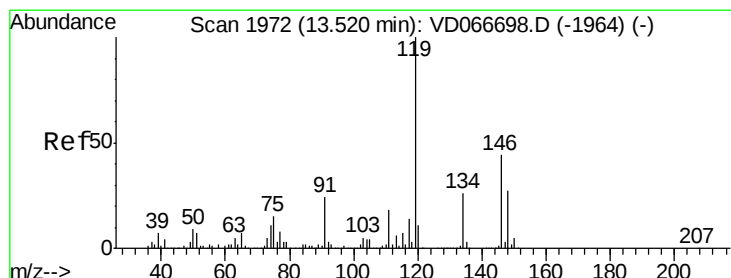
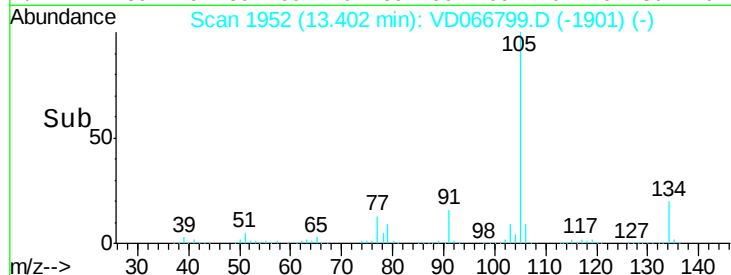
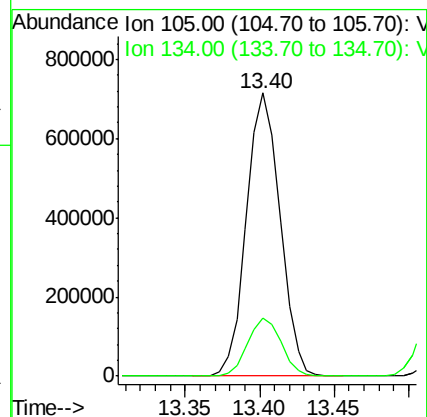
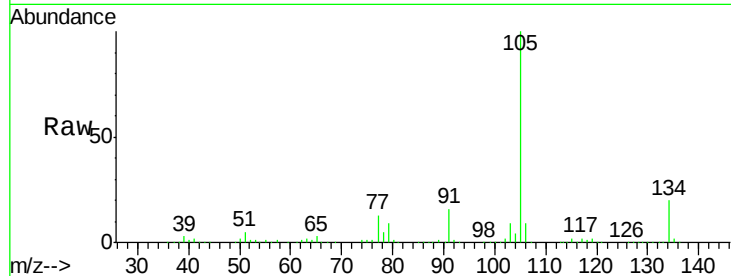
105 100

134 20.4 10.0 30.0

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 54.662 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066799.D

Acq: 21 Sep 2020 22:44

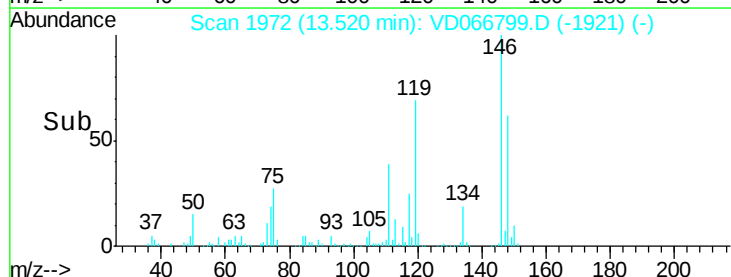
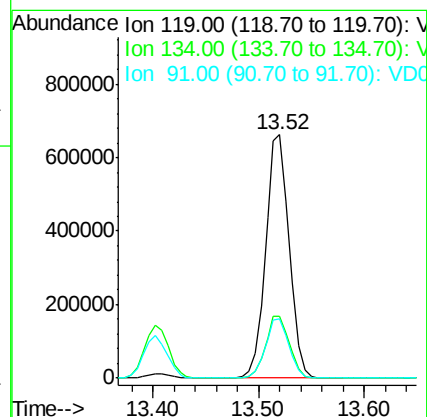
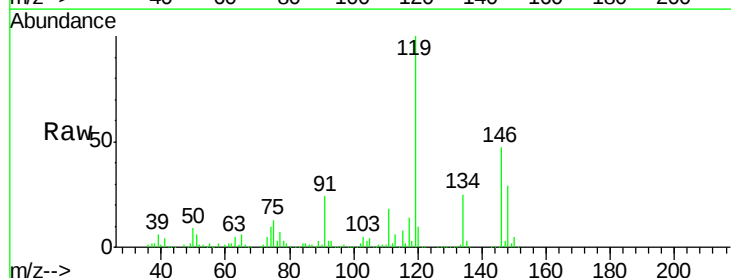
Tgt Ion:119 Resp: 1020684

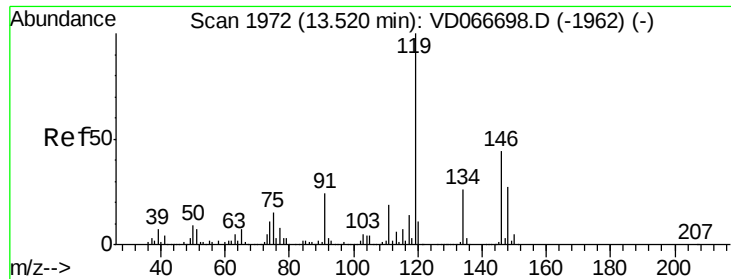
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 24.2 12.3 36.9





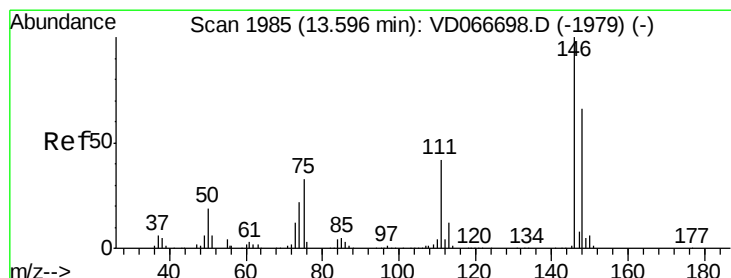
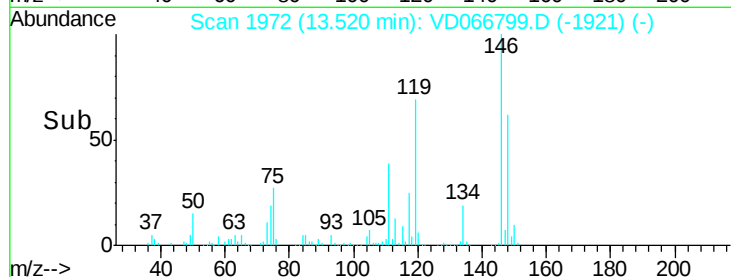
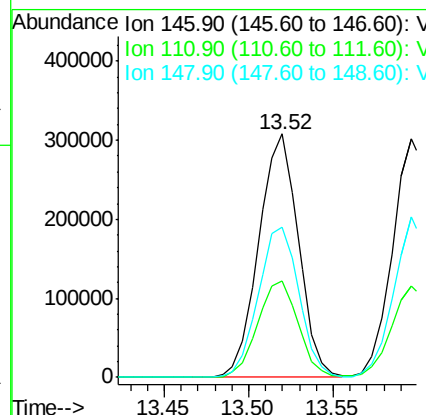
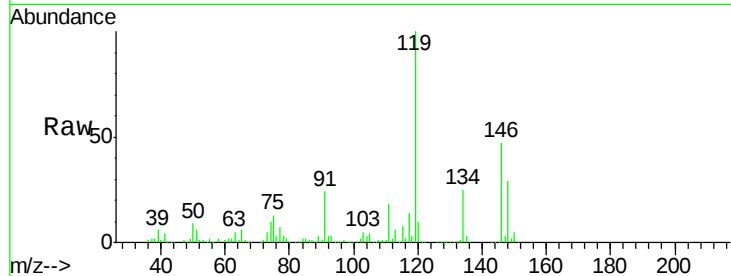
#87
1,3-Dichlorobenzene
Concen: 55.435 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.5	21.1	63.3	
148	63.2	31.4	94.2	

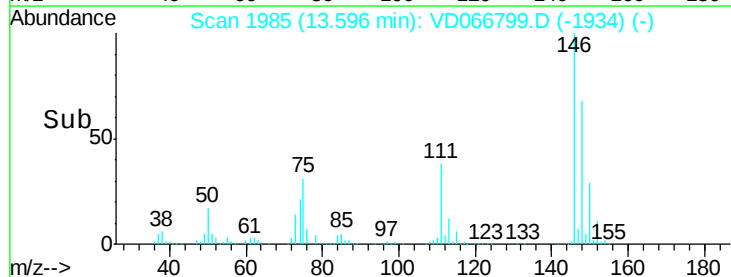
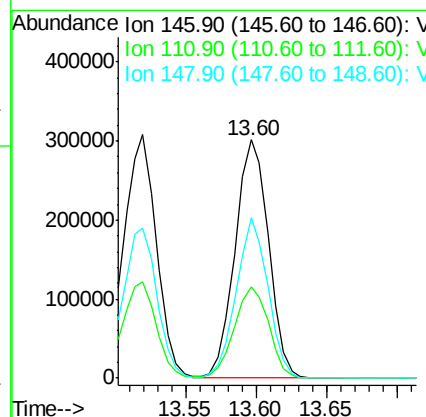
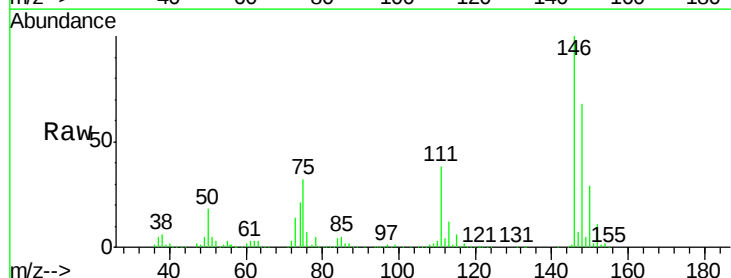
Manual Integrations
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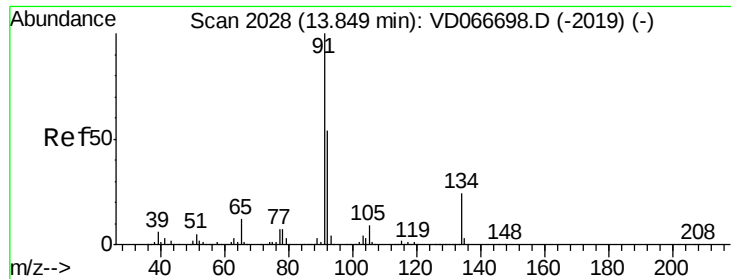
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#88
1,4-Dichlorobenzene
Concen: 55.107 ug/l
RT: 13.60 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.1	20.5	61.6	
148	63.7	32.7	98.1	





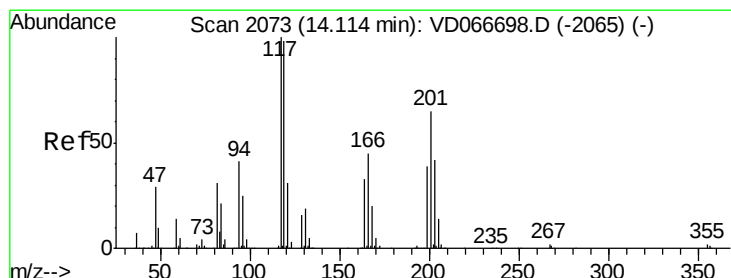
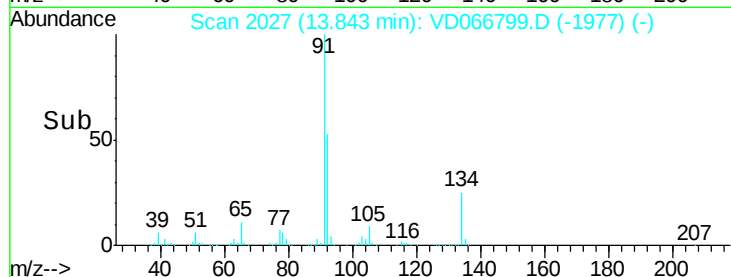
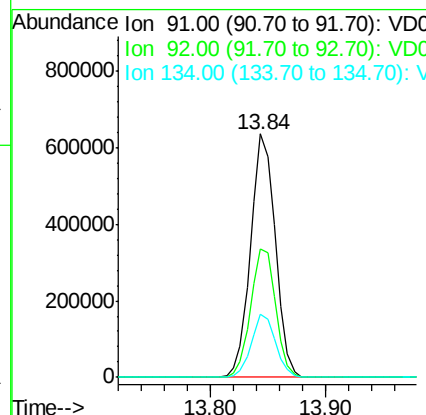
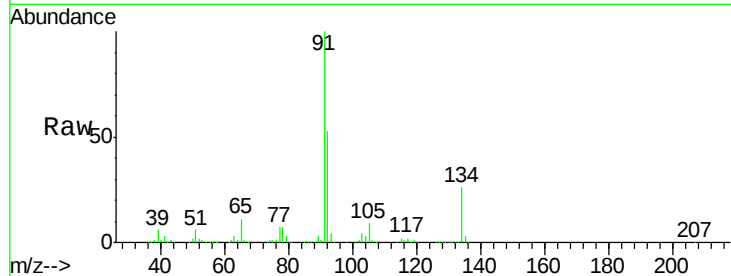
#89
n-Butylbenzene
Concen: 53.512 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	53.5	27.0	81.0		
134	25.4	12.4	37.0		

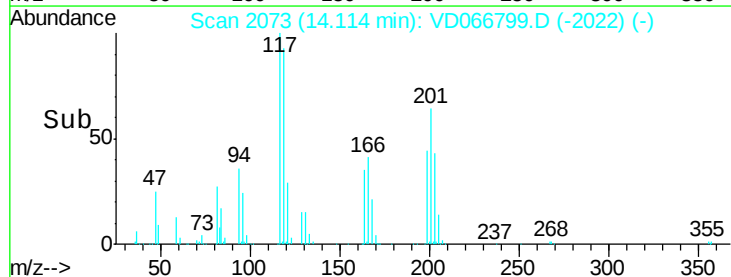
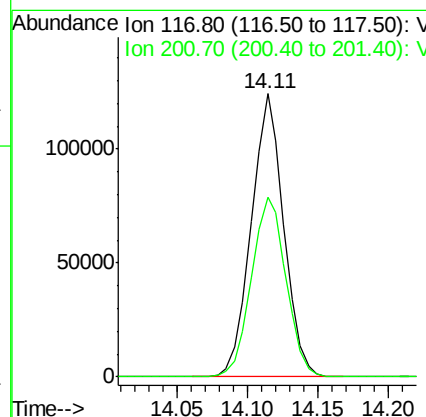
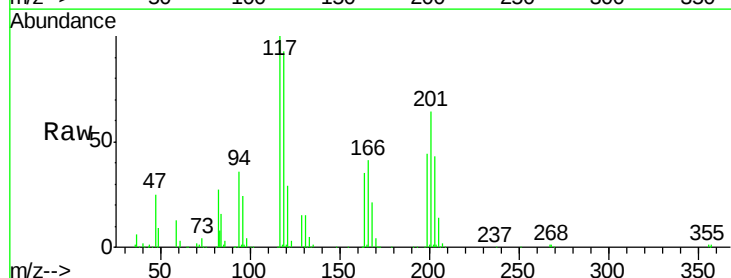
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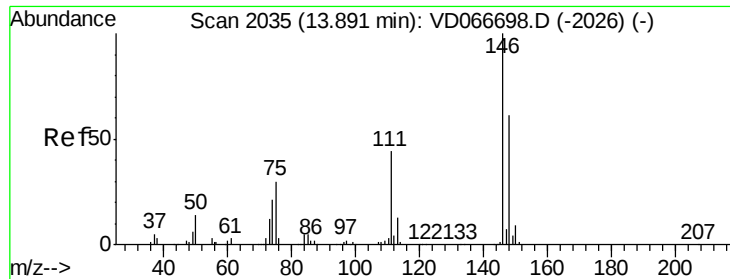
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#90
Hexachloroethane
Concen: 52.188 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
201	67.7	33.1	99.3		





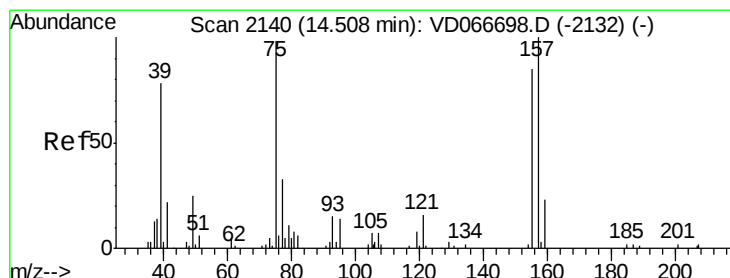
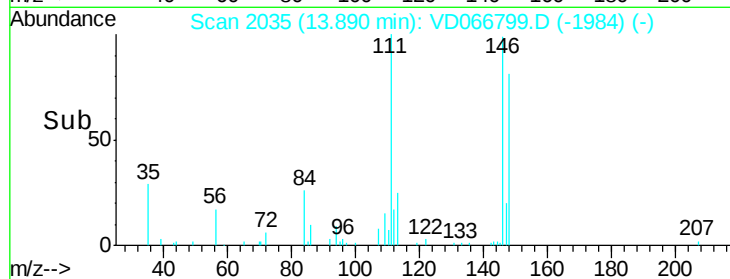
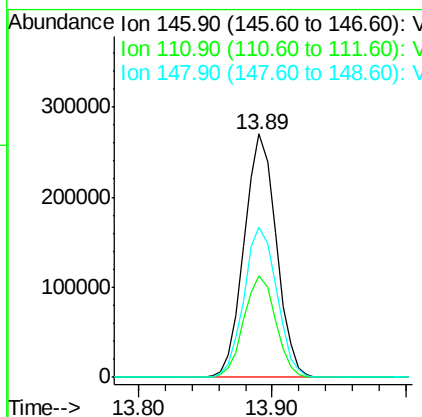
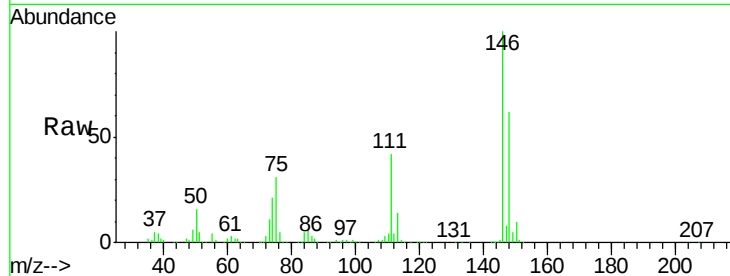
#91
 1,2-Dichlorobenzene
 Concen: 57.411 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.6	64.6
148	63.1	31.4	94.3

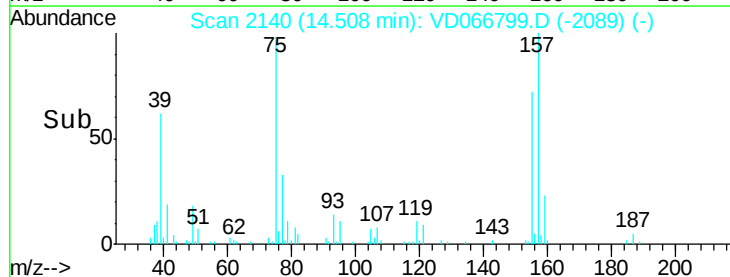
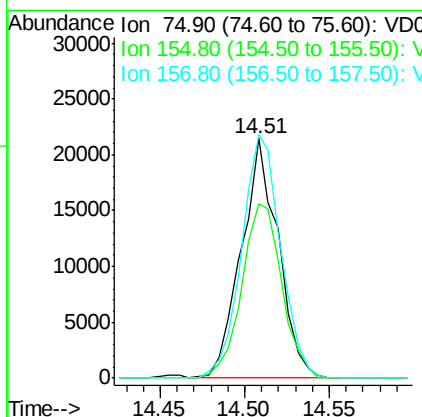
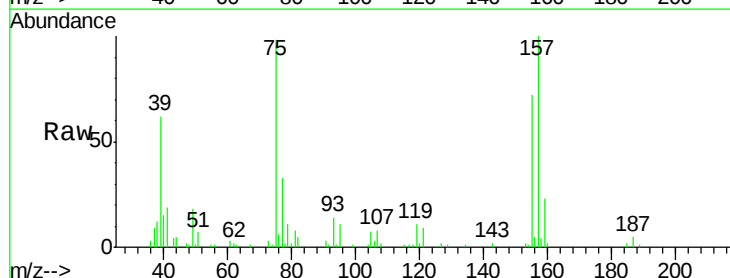
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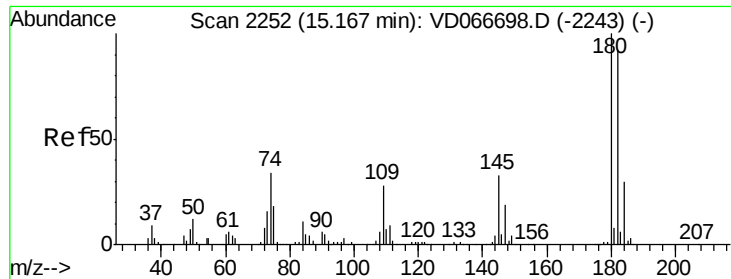
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.638 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	38.9	116.7
157	107.1	46.4	139.2





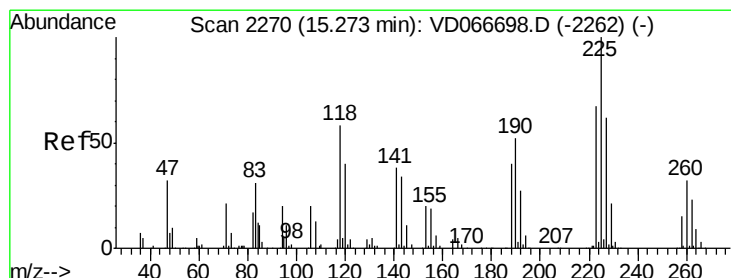
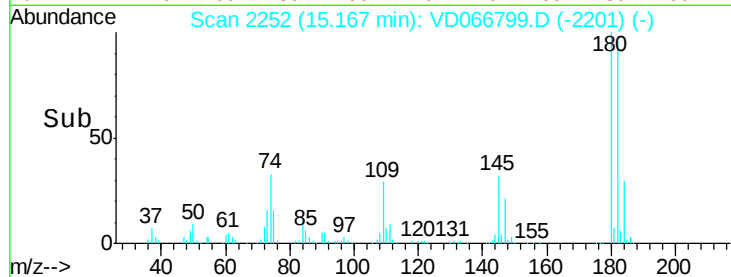
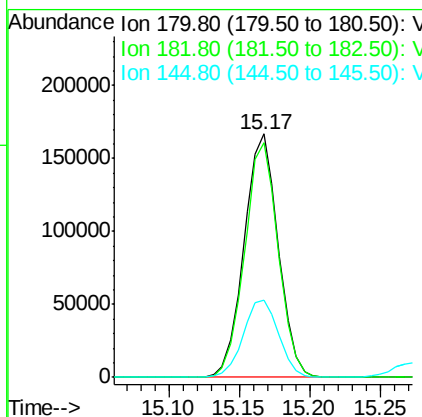
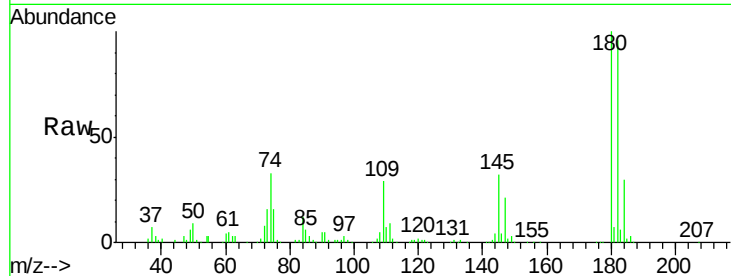
#93
 1,2,4-Trichlorobenzene
 Concen: 60.060 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	282949		
182	94.7	46.6	139.7	
145	33.0	16.5	49.5	

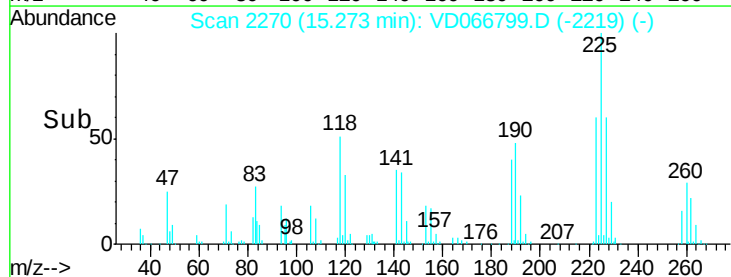
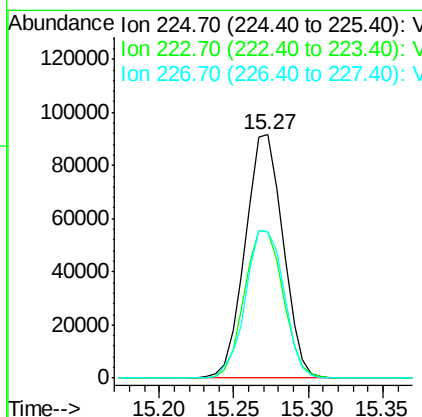
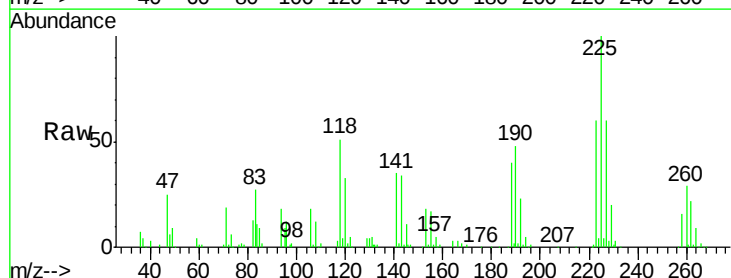
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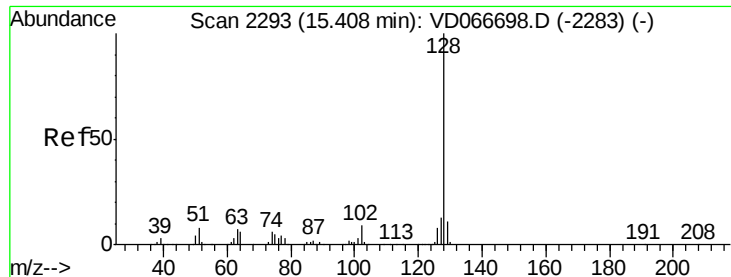
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#94
 Hexachlorobutadiene
 Concen: 56.580 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066799.D
 Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160597		
223	62.1	31.9	95.9	
227	61.8	31.3	93.9	





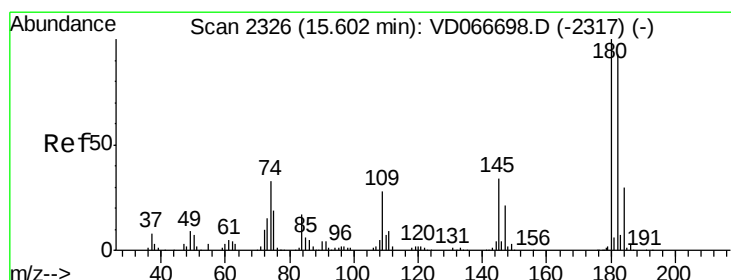
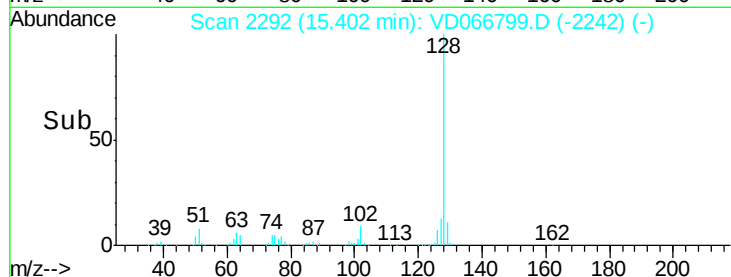
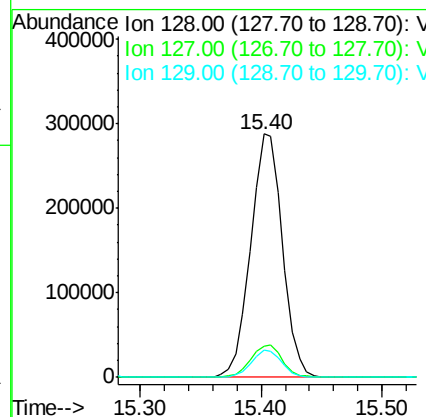
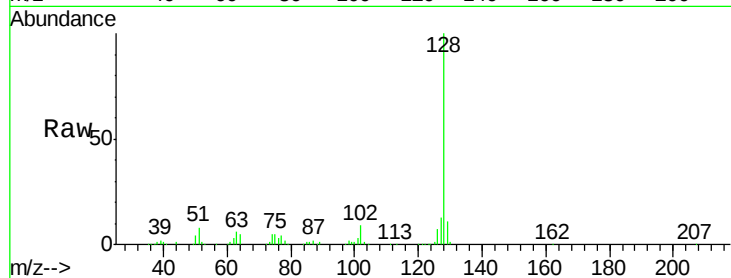
#95
Naphthalene
Concen: 64.109 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 61.644 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066799.D
Acq: 21 Sep 2020 22:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.8	17.1	51.3

