

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066608.D
 Acq On : 10 Sep 2020 11:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:17:54 AM

Quant Time: Sep 11 02:14:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	386045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	627256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	557096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	233596	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	7.91	113	217456	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.34	98	797850	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.63	95	268399	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	144697	44.996	ug/l	92
3) Chloromethane	2.21	50	198400	40.638	ug/l	96
4) Vinyl Chloride	2.35	62	224950	41.543	ug/l	95
5) Bromomethane	2.77	94	147416	42.368	ug/l	88
6) Chloroethane	2.92	64	140061	40.724	ug/l	100
7) Trichlorofluoromethane	3.27	101	350204	43.780	ug/l	99
8) Diethyl Ether	3.71	74	88347	43.860	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	191862	44.318	ug/l	98
10) Methyl Iodide	4.30	142	169677	43.534	ug/l	99
11) Tert butyl alcohol	5.21	59	62227	204.783	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	168852	43.413	ug/l	93
13) Acrolein	3.92	56	55528	290.752	ug/l	93
14) Allyl chloride	4.71	41	282800	44.366	ug/l	98
15) Acrylonitrile	5.41	53	197119	227.806	ug/l	98
16) Acetone	4.16	43	246169	286.440	ug/l	100
17) Carbon Disulfide	4.41	76	537979	42.075	ug/l	97
18) Methyl Acetate	4.71	43	92941	45.367	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	425970	46.703	ug/l	98
20) Methylene Chloride	4.97	84	204415	42.676	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	203756	44.116	ug/l	94
22) Diisopropyl ether	6.36	45	604634	46.126	ug/l	98
23) Vinyl Acetate	6.30	43	1789706	239.923	ug/l	100
24) 1,1-Dichloroethane	6.26	63	360848	43.775	ug/l	98
25) 2-Butanone	7.21	43	290263	251.601	ug/l	96
26) 2,2-Dichloropropane	7.20	77	343639	45.447	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	219839	44.262	ug/l	98
28) Bromochloromethane	7.54	49	163326	51.464	ug/l	100
29) Tetrahydrofuran	7.56	42	171079	238.109	ug/l	98
30) Chloroform	7.71	83	382898	43.906	ug/l	99
31) Cyclohexane	7.98	56	331191	43.464	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	362394	44.199	ug/l	99
36) 1,1-Dichloropropene	8.10	75	296921	45.485	ug/l	100
37) Ethyl Acetate	7.29	43	122564	47.151	ug/l	98
38) Carbon Tetrachloride	8.09	117	323916	46.945	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	351496	48.221	ug/l	99
40) Benzene	8.35	78	790256	44.202	ug/l	100
41) Methacrylonitrile	7.52	41	55537m	44.138	ug/l	
42) 1,2-Dichloroethane	8.42	62	262217	45.267	ug/l	99
43) Isopropyl Acetate	8.45	43	237998	47.778	ug/l	98
44) Trichloroethene	9.11	130	210042	44.788	ug/l	96
45) 1,2-Dichloropropane	9.38	63	199506	44.374	ug/l	96
46) Dibromomethane	9.47	93	111649	45.010	ug/l	96
47) Bromodichloromethane	9.66	83	297129	44.274	ug/l	100
48) Methyl methacrylate	9.45	41	122148	48.493	ug/l	97
49) 1,4-Dioxane	9.46	88	25871	950.675	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	617126	245.647	ug/l	98
52) Toluene	10.40	92	518035	45.775	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	280287	47.311	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	327325	46.008	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	145620	45.658	ug/l	98
56) Ethyl methacrylate	10.66	69	186284	50.164	ug/l	98
57) 1,3-Dichloropropane	10.94	76	250857	44.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	435983	256.684	ug/l	99
59) 2-Hexanone	10.98	43	449105	265.831	ug/l	100
60) Dibromochloromethane	11.14	129	192307	45.598	ug/l	98
61) 1,2-Dibromoethane	11.24	107	143478	46.241	ug/l	99
64) Tetrachloroethene	10.87	164	167633	44.691	ug/l	96
65) Chlorobenzene	11.67	112	527066	45.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	197174	44.932	ug/l	97
67) Ethyl Benzene	11.74	91	992141	46.993	ug/l	99
68) m/p-Xylenes	11.85	106	749919	95.663	ug/l	97
69) o-Xylene	12.18	106	337374	48.022	ug/l	98
70) Styrene	12.20	104	588769	48.205	ug/l	98
71) Bromoform	12.36	173	104664	47.326	ug/l #	98
73) Isopropylbenzene	12.48	105	958231	49.757	ug/l	99
74) N-amyl acetate	12.29	43	215725	49.459	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	157542	46.305	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	105447m	42.153	ug/l	
77) Bromobenzene	12.76	156	203576	47.415	ug/l	98
78) n-propylbenzene	12.82	91	1157868	49.597	ug/l	100
79) 2-Chlorotoluene	12.91	91	622640	47.541	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	799320	49.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	54192	50.576	ug/l	94
82) 4-Chlorotoluene	13.01	91	662458	47.300	ug/l	99
83) tert-Butylbenzene	13.23	119	658653	49.761	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	785331	48.664	ug/l	97
85) sec-Butylbenzene	13.40	105	947123	49.665	ug/l	99
86) p-Isopropyltoluene	13.52	119	856499	49.900	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	391496	45.930	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	386647	45.195	ug/l	99
89) n-Butylbenzene	13.84	91	827377	49.465	ug/l	100
90) Hexachloroethane	14.11	117	171587	46.395	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	329497	44.226	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26668	46.142	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	219862	49.172	ug/l	98
94) Hexachlorobutadiene	15.27	225	130929	48.741	ug/l	97
95) Naphthalene	15.41	128	410370	52.522	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	190045	49.854	ug/l	99

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

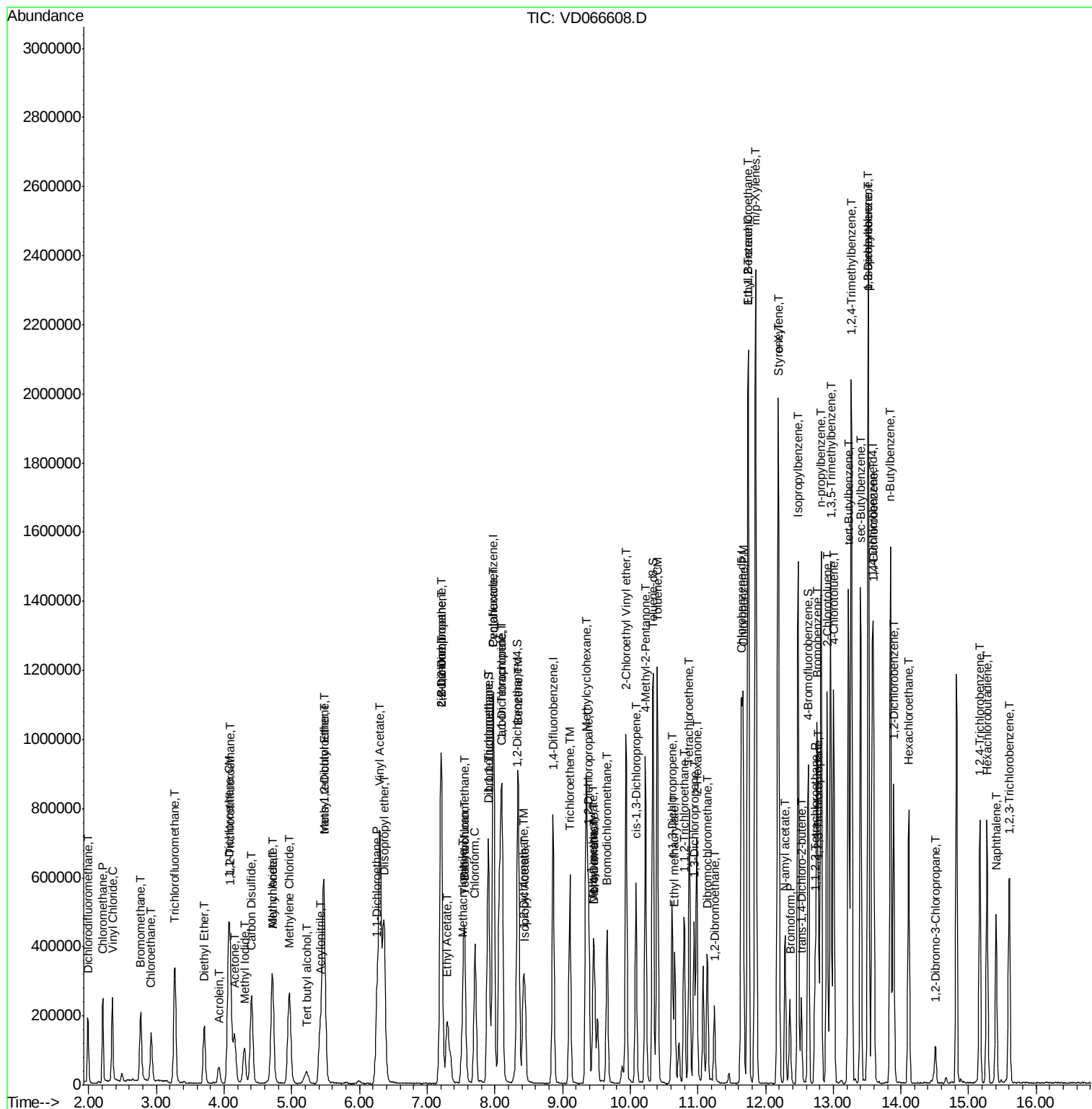
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
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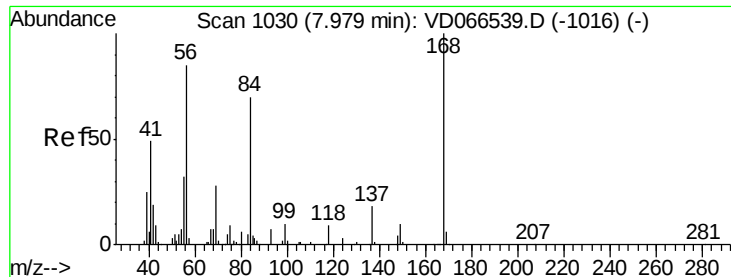
Instrument :
 MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 386045

Ion Ratio Lower Upper

168 100

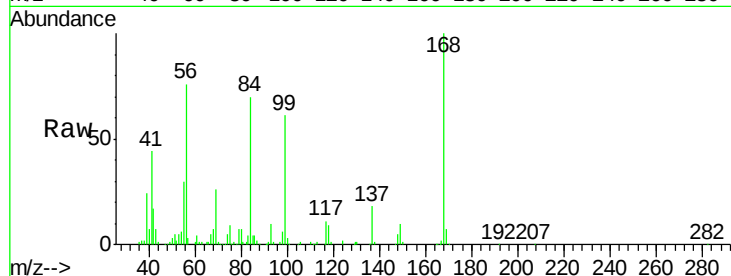
99 60.9 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

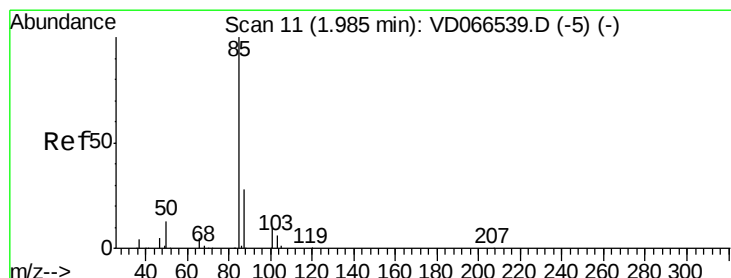
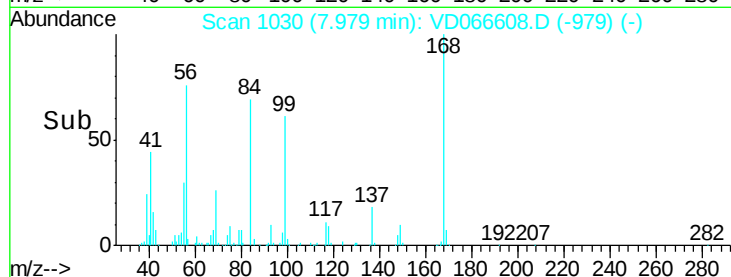
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 44.996 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066608.D

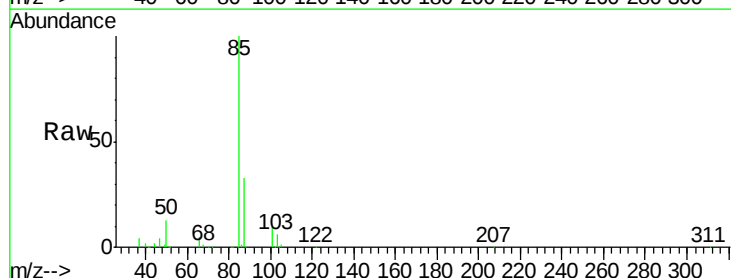
Acq: 10 Sep 2020 11:28

Tgt Ion: 85 Resp: 144697

Ion Ratio Lower Upper

85 100

87 32.8 14.2 42.6



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

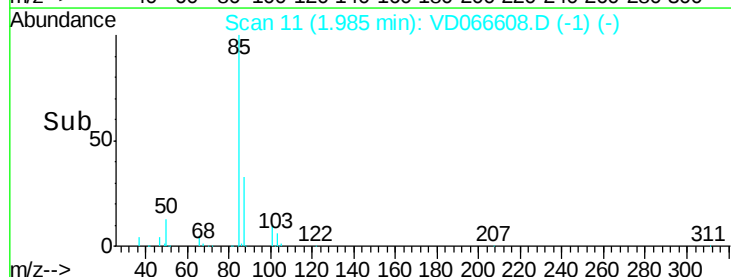
1.90

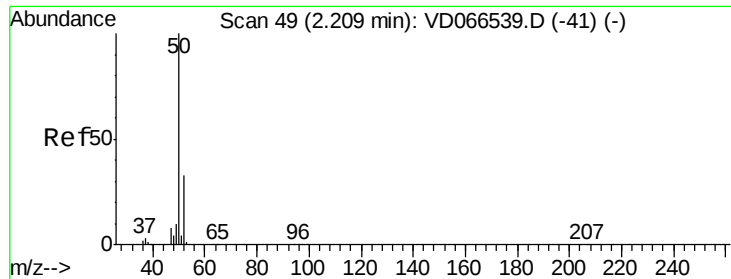
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 40.638 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 198400

Ion Ratio Lower Upper

50 100

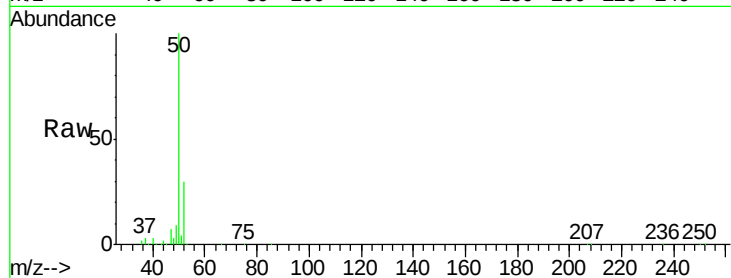
52 30.3 26.2 39.2

Manual Integrations

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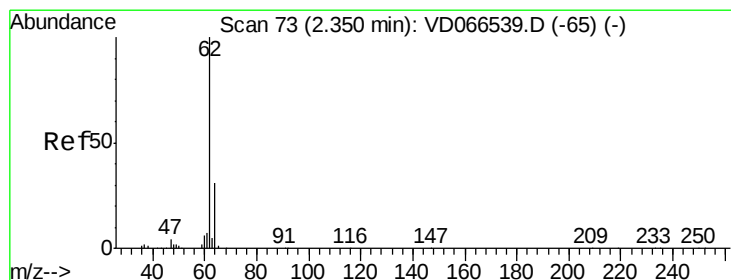
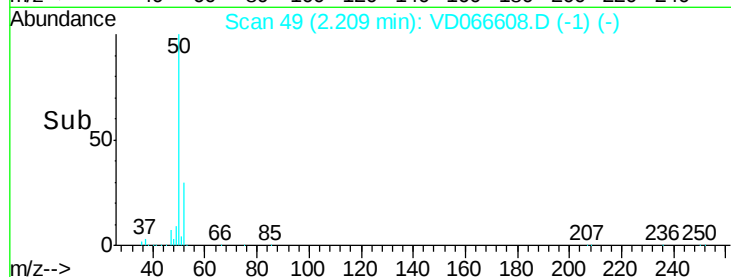
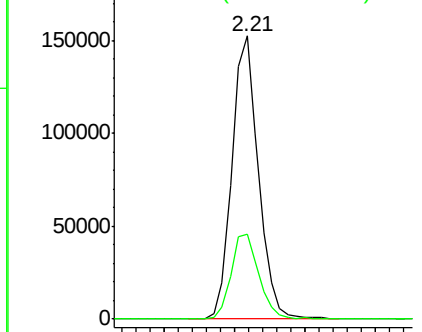
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.543 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066608.D

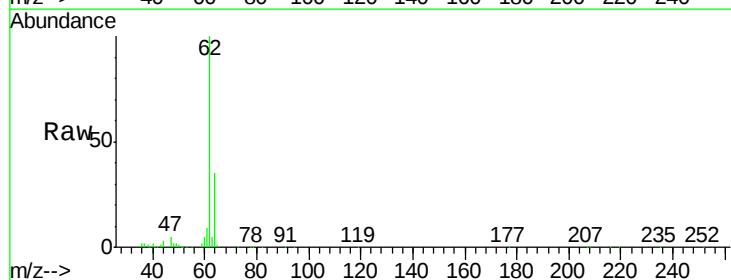
Acq: 10 Sep 2020 11:28

Tgt Ion: 62 Resp: 224950

Ion Ratio Lower Upper

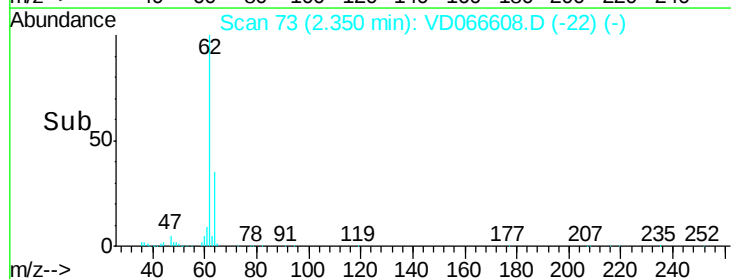
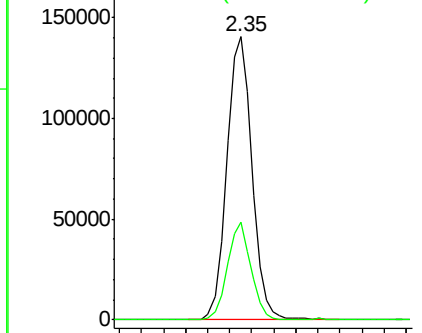
62 100

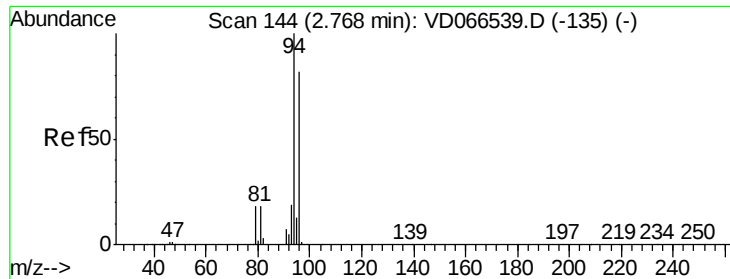
64 34.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 42.368 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.00 min

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Acq: 10 Sep 2020 11:28

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Tot Ion: 94 Resp: 147416

Ion Ratio Lower Upper

94 100

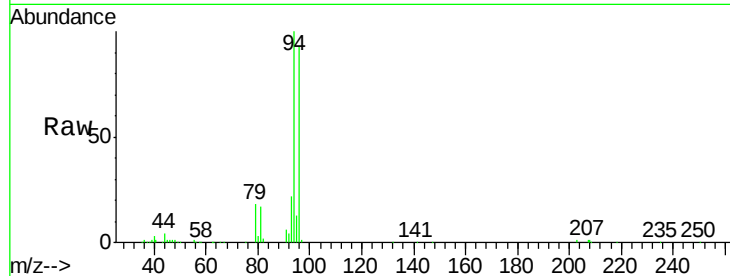
96 92.4 65.2 97.8

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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

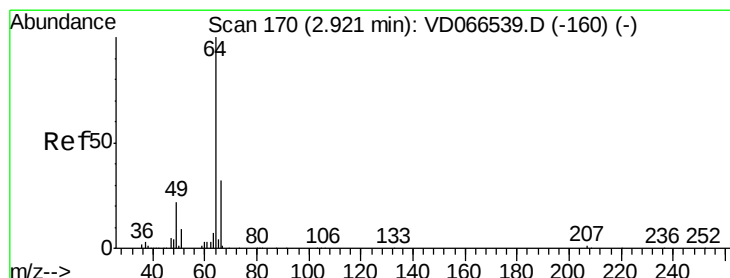
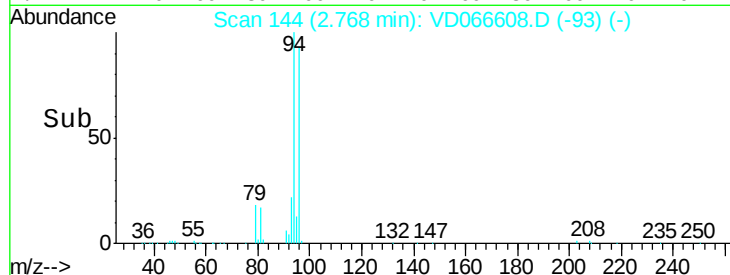
60000

40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 40.724 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066608.D

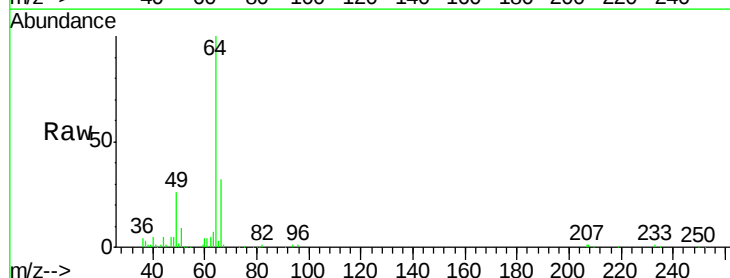
Acq: 10 Sep 2020 11:28

Tgt Ion: 64 Resp: 140061

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

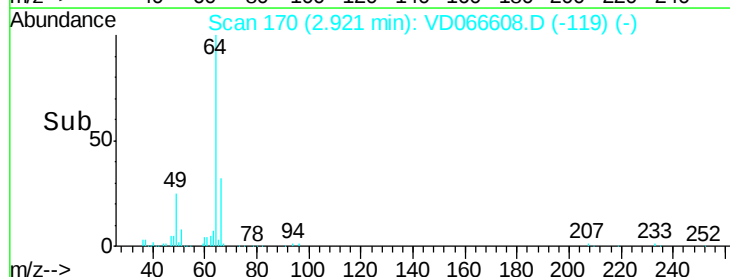
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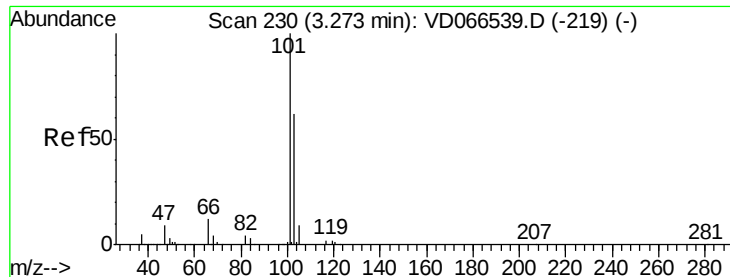
40000

20000

0

Time--> 2.80 2.90 3.00





#7

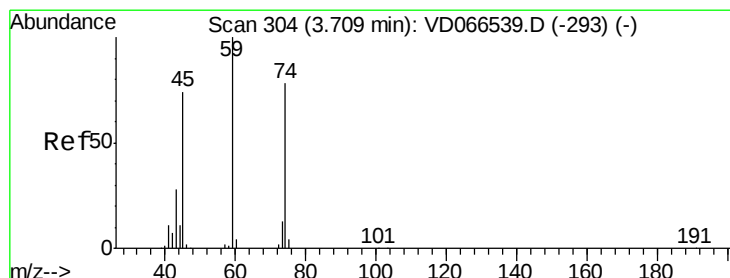
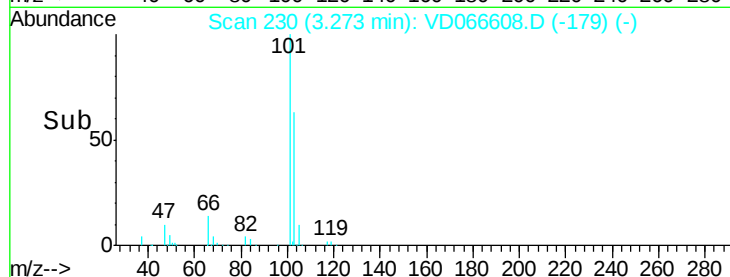
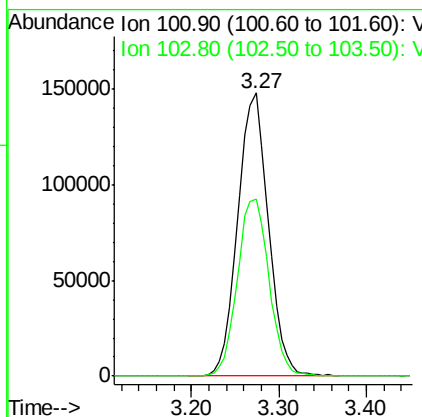
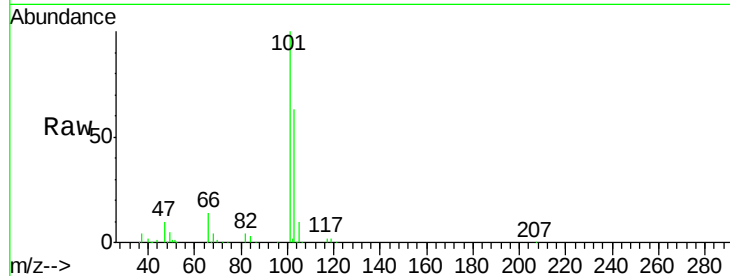
Trichlorofluoromethane
 Concen: 43.780 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066608.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	49.7	74.5

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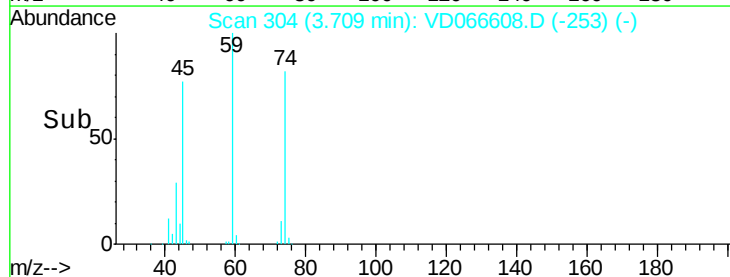
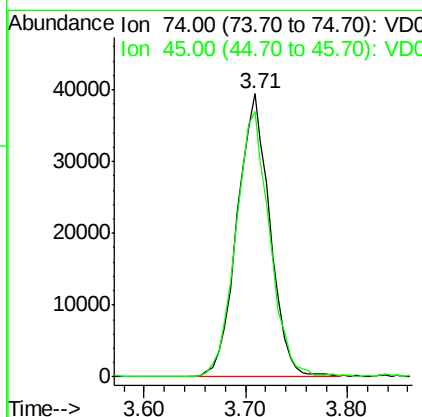
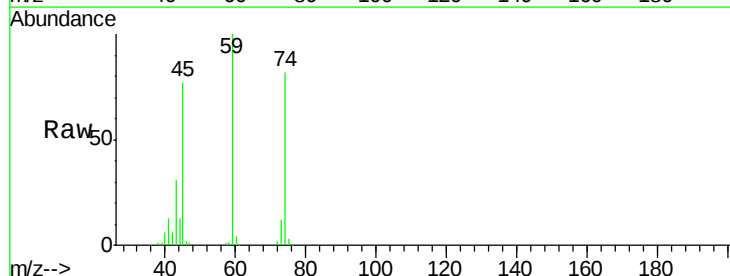
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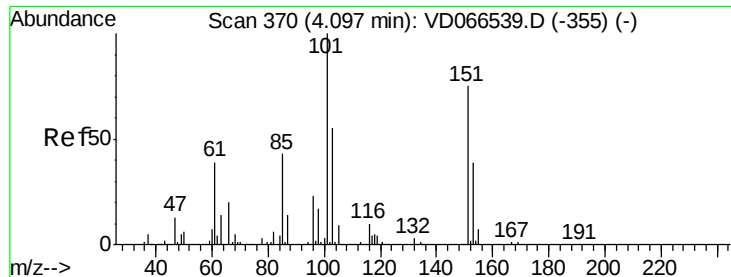


#8

Diethyl Ether
 Concen: 43.860 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.318 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

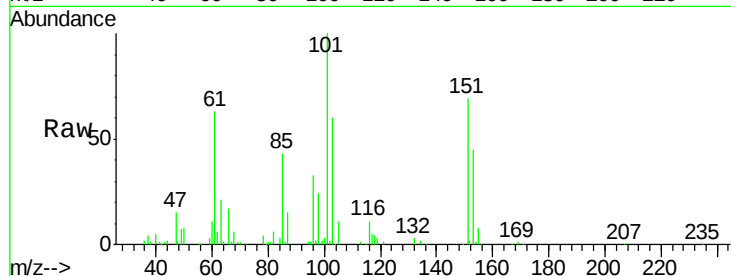
ClientSampleId :

VSTDCCC050

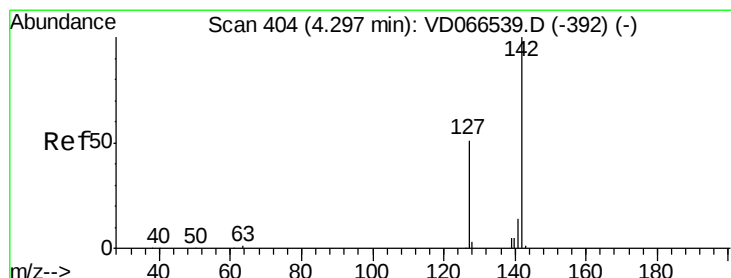
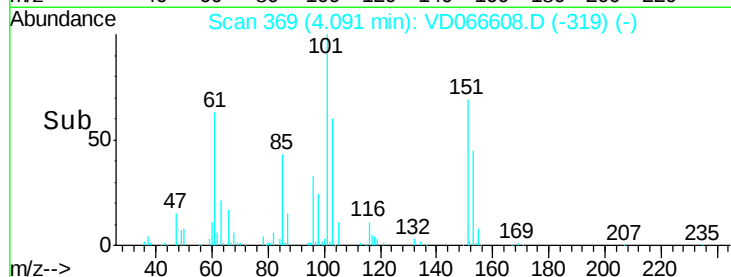
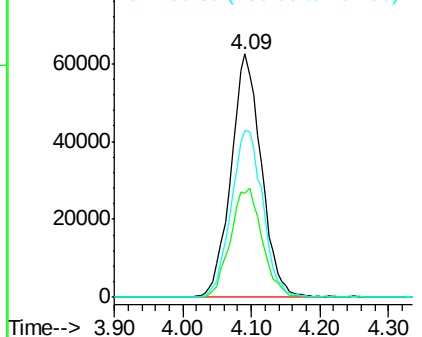
Tot Ion:	101	Resp:	191862
Ion Ratio	Lower	Upper	
101	100		
85	46.7	37.0	55.6
151	71.5	59.4	89.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.534 ug/l

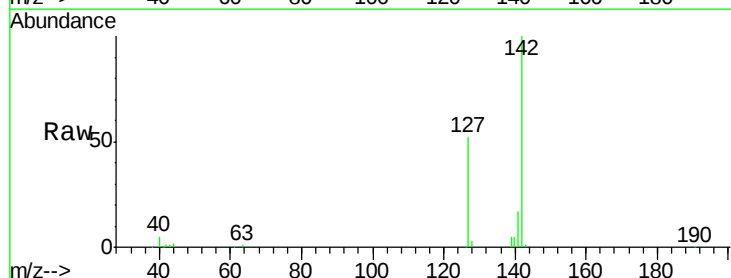
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

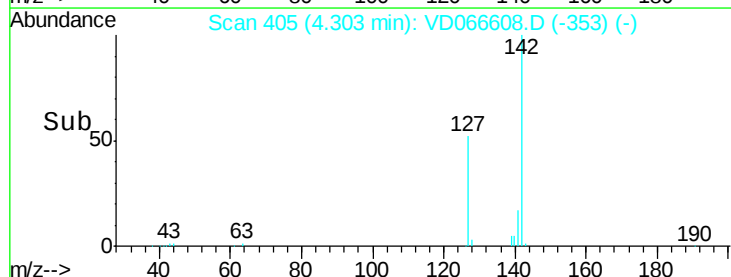
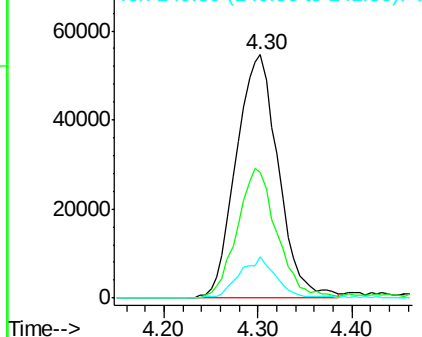
Lab File: VD066608.D

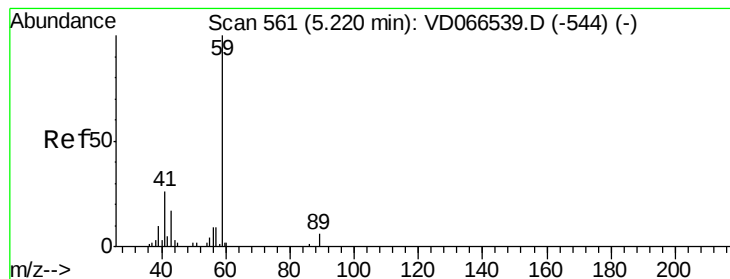
Acq: 10 Sep 2020 11:28

Tgt Ion:	142	Resp:	169677
Ion Ratio	Lower	Upper	
142	100		
127	50.4	40.6	61.0
141	14.6	12.2	18.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

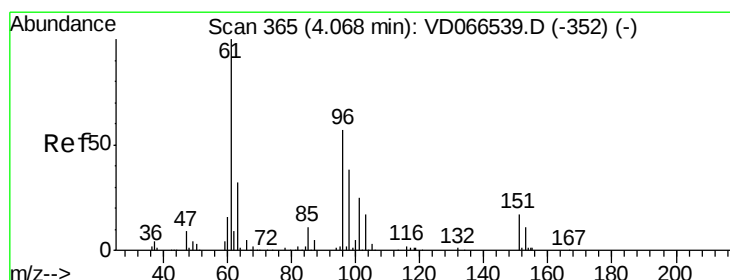
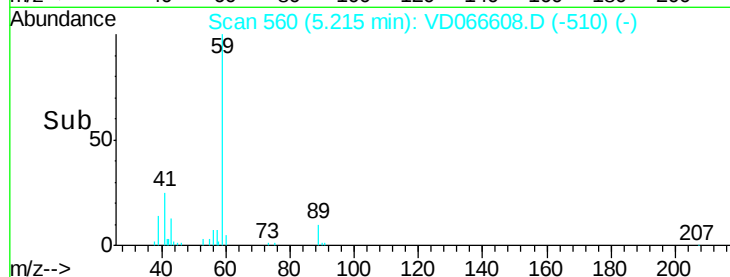
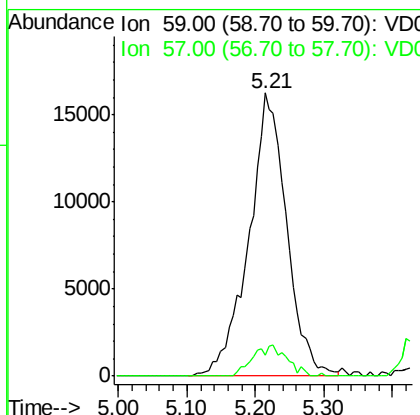
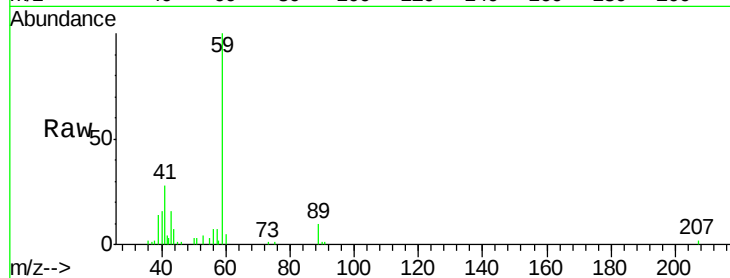
Tert butyl alcohol
Concen: 204.783 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.3	7.6	11.4#

Manual Integrations
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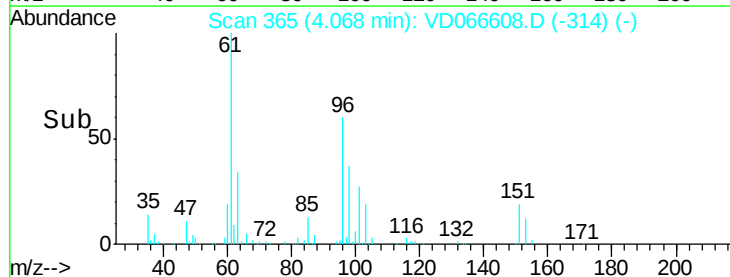
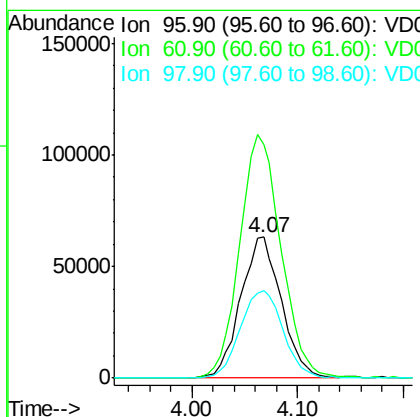
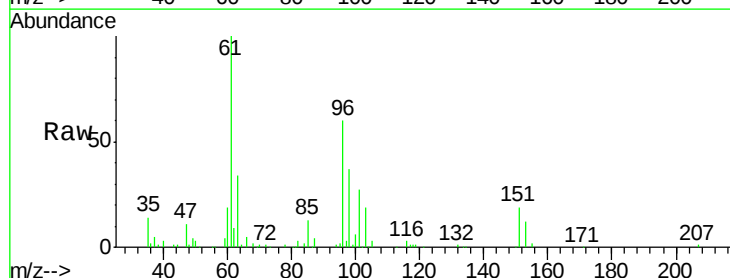
MMDadoda
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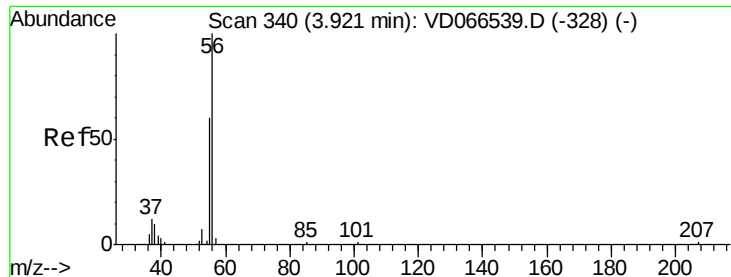


#12

1,1-Dichloroethene
Concen: 43.413 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	140.9	211.3
98	62.0	53.2	79.8





#13

Acrolein

Concen: 290.752 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 55528

Ion Ratio Lower Upper

56 100

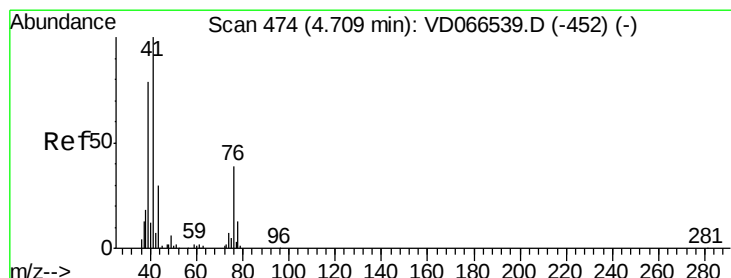
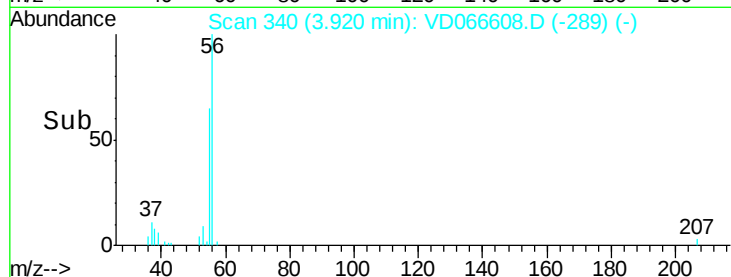
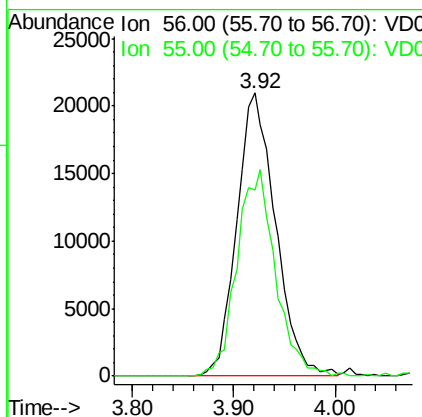
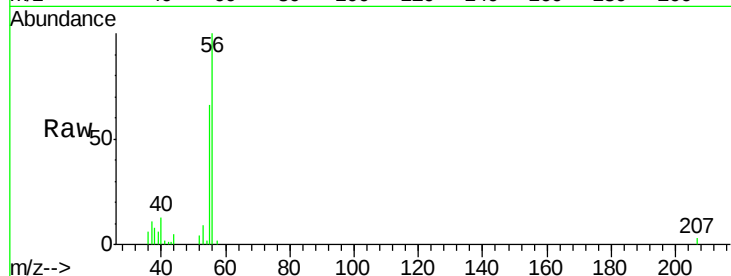
55 72.6 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 44.366 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

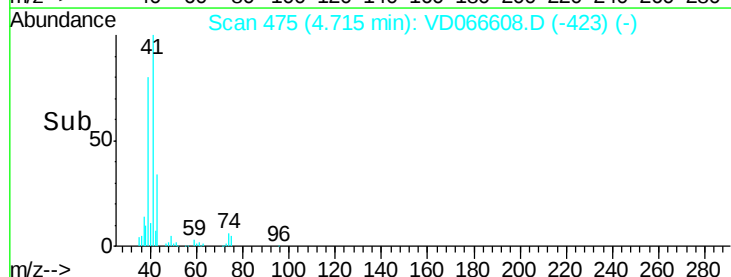
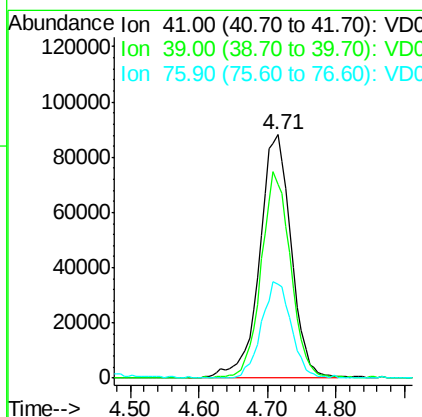
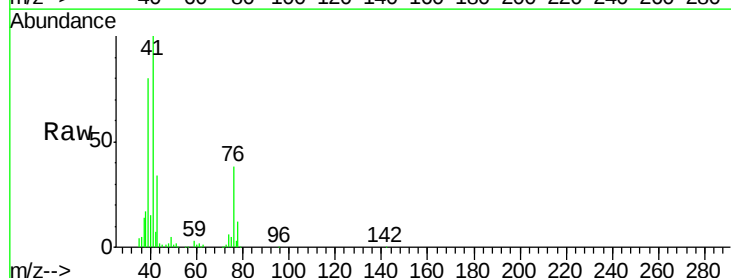
Tgt Ion: 41 Resp: 282800

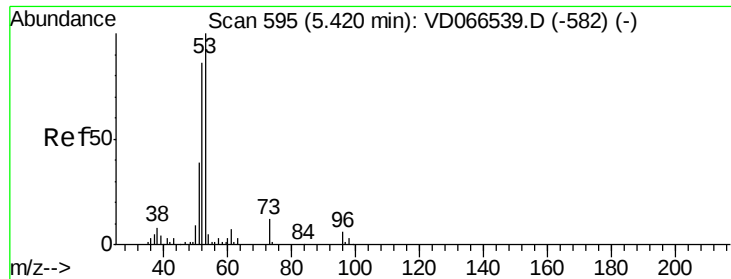
Ion Ratio Lower Upper

41 100

39 79.1 61.9 92.9

76 37.3 29.0 43.6





#15

Acrylonitrile

Concen: 227.806 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

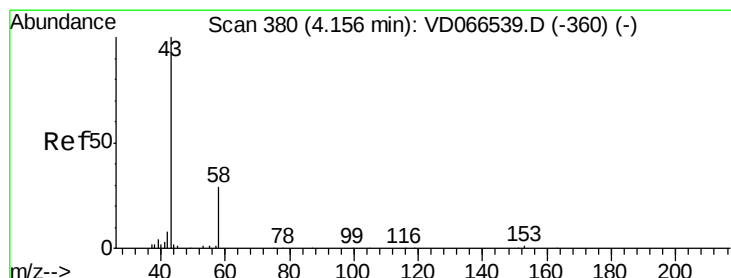
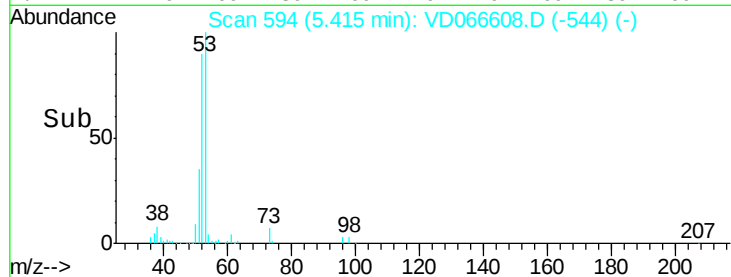
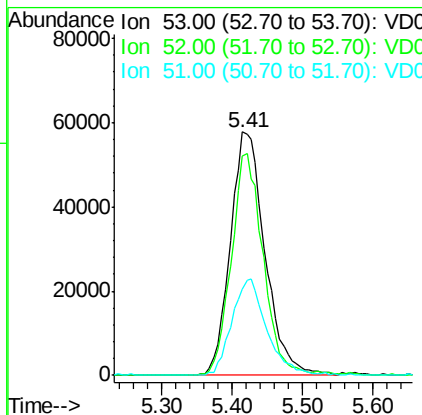
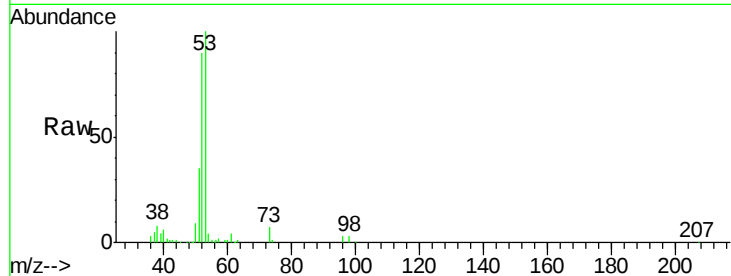
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	197119
Ion Ratio	Lower	Upper	
53	100		
52	83.8	65.4	98.2
51	39.4	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 286.440 ug/l

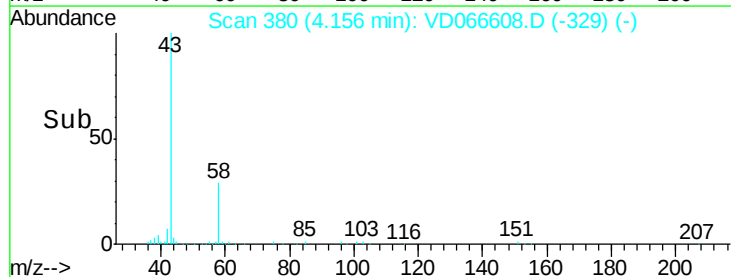
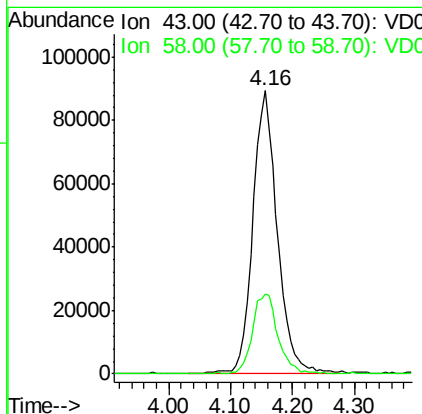
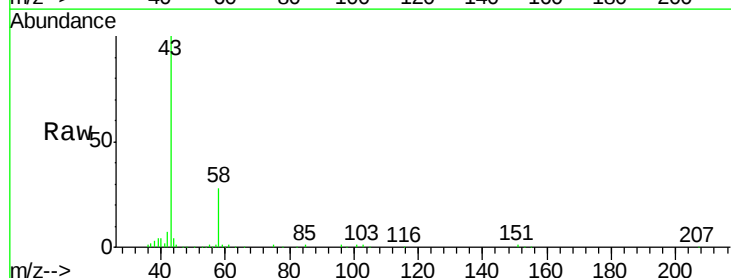
RT: 4.16 min Scan# 380

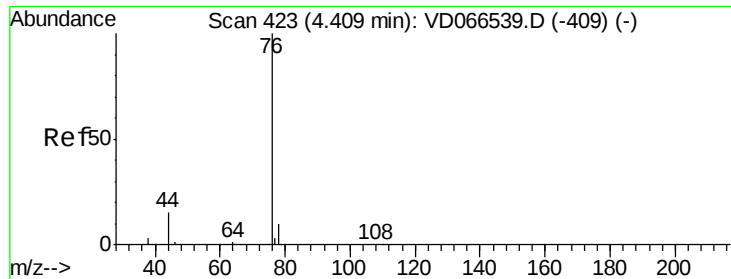
Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Tgt Ion:	43	Resp:	246169
Ion Ratio	Lower	Upper	
43	100		
58	28.4	22.9	34.3





#17

Carbon Disulfide

Concen: 42.075 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 537979

Ion Ratio Lower Upper

76 100

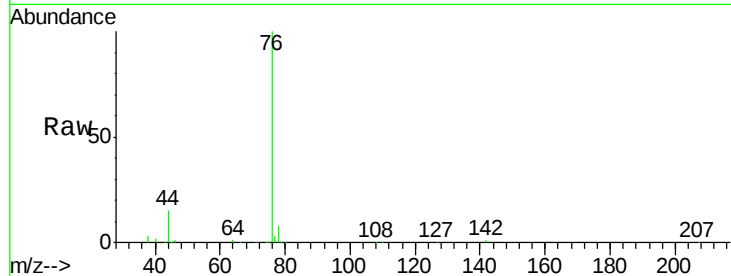
78 8.3 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

200000

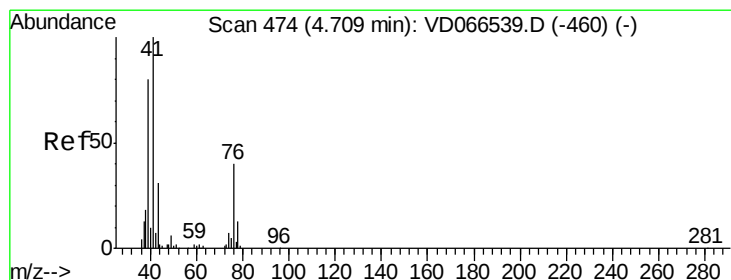
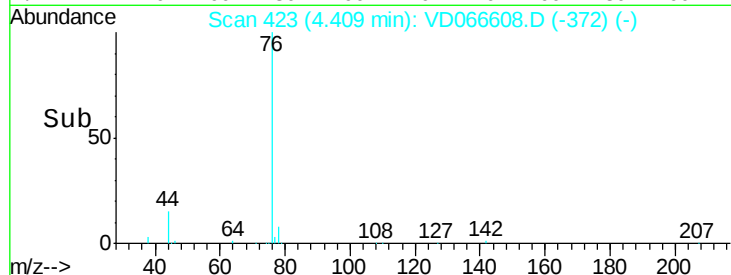
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.367 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066608.D

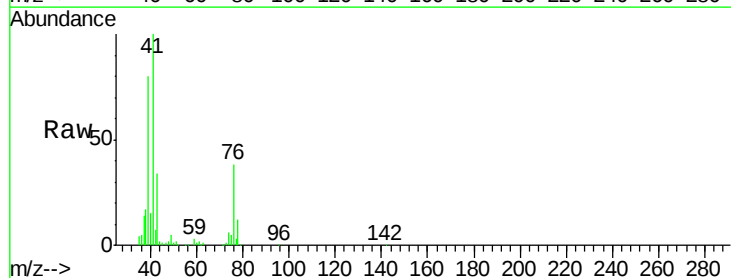
Acq: 10 Sep 2020 11:28

Tgt Ion: 43 Resp: 92941

Ion Ratio Lower Upper

43 100

74 22.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

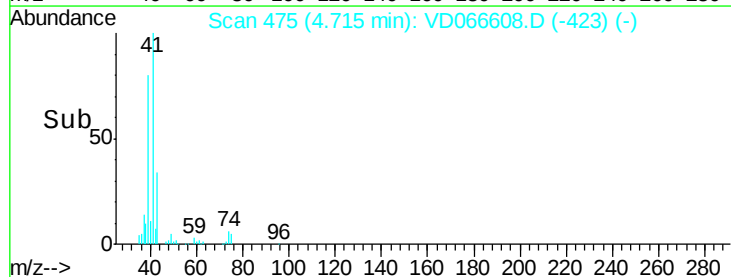
30000

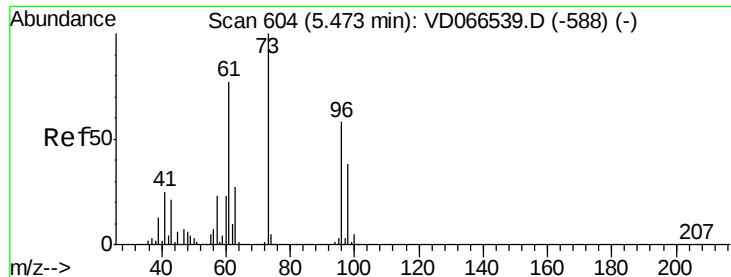
20000

10000

0

Time-->





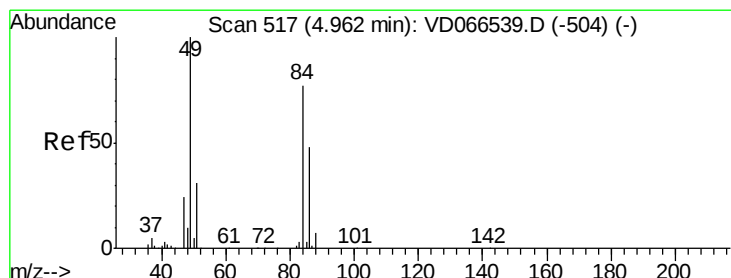
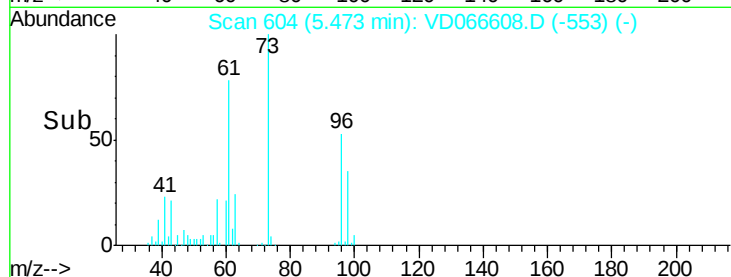
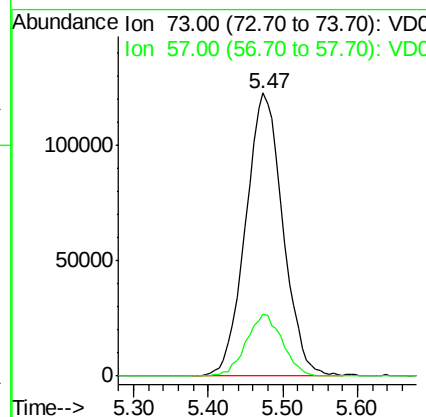
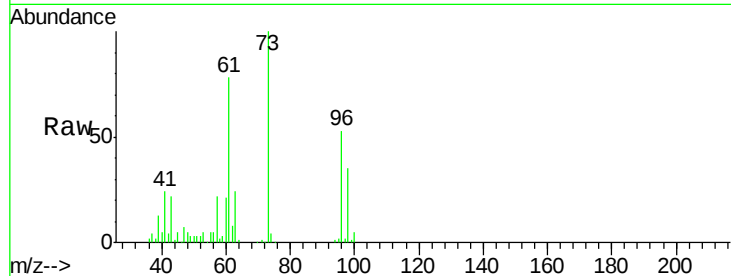
#19
Methvl tert-butvl Ether
Concen: 46.703 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 425970
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5

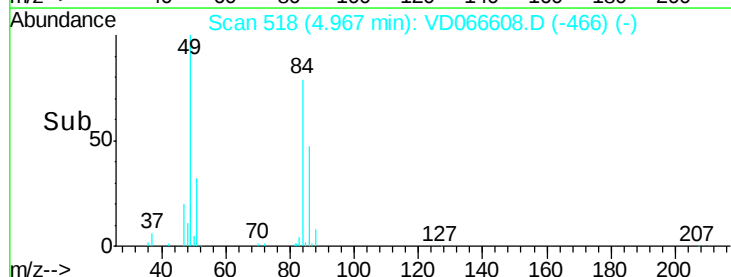
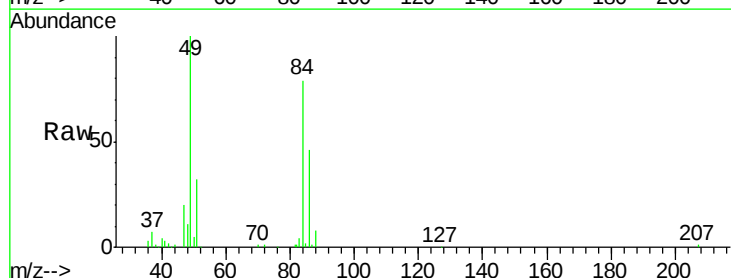
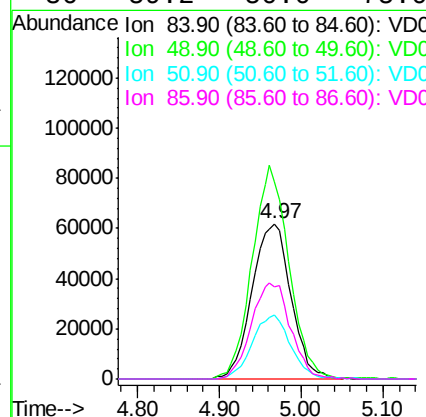
Manual Integrations
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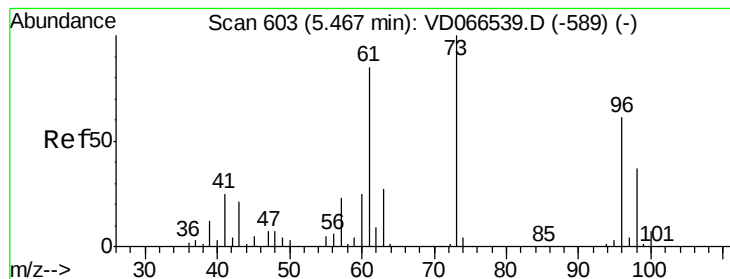
MMDadoda
9/11/2020 10:17:54 AM



#20
Methylene Chloride
Concen: 42.676 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion: 84 Resp: 204415
Ion Ratio Lower Upper
84 100
49 127.3 104.3 156.5
51 41.0 32.2 48.4
86 59.2 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 44.116 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 203756

Ion Ratio Lower Upper

96 100

61 147.8 112.1 168.1

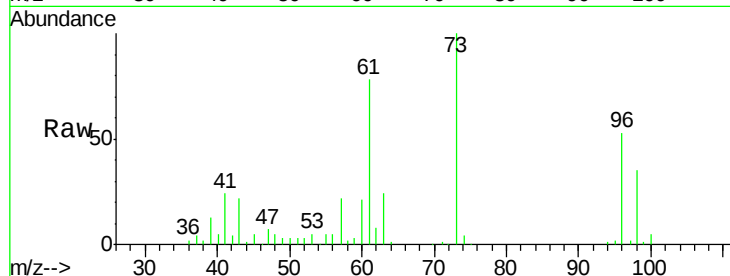
98 65.1 48.6 72.8

Manual Integrations

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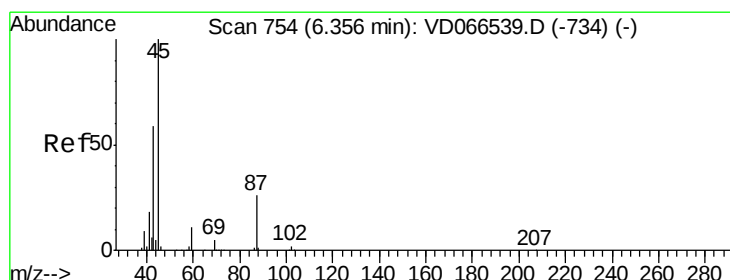
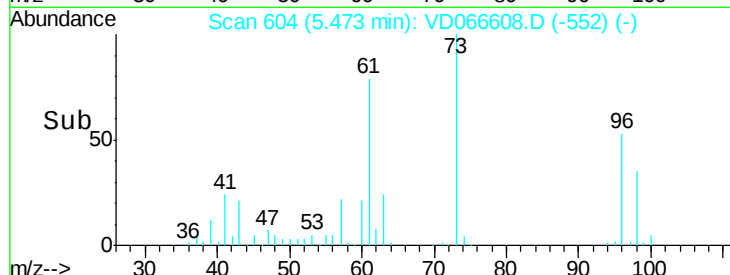
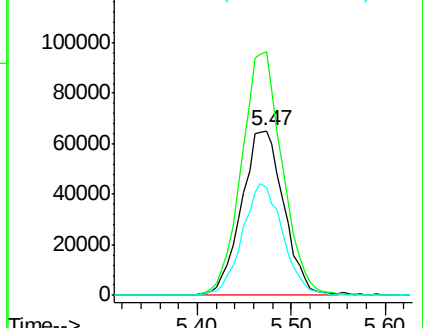
9/11/2020 10:17:54 AM



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: 46.126 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Tgt Ion: 45 Resp: 604634

Ion Ratio Lower Upper

45 100

43 57.1 47.0 70.4

87 26.1 21.3 31.9

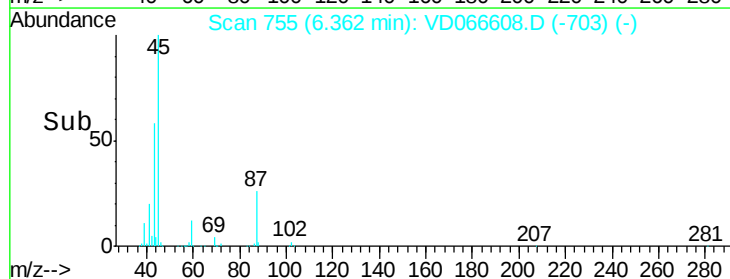
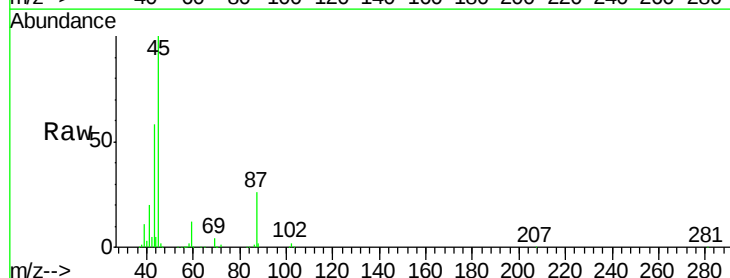
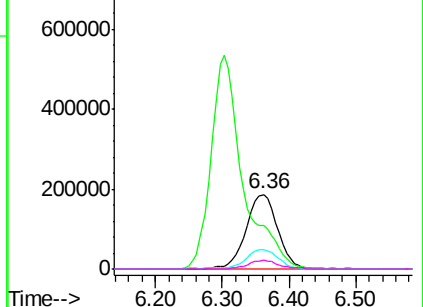
59 11.5 8.7 13.1

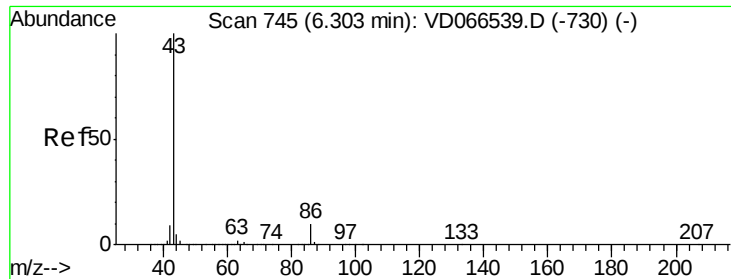
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 239.923 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1789706

Ion Ratio Lower Upper

43 100

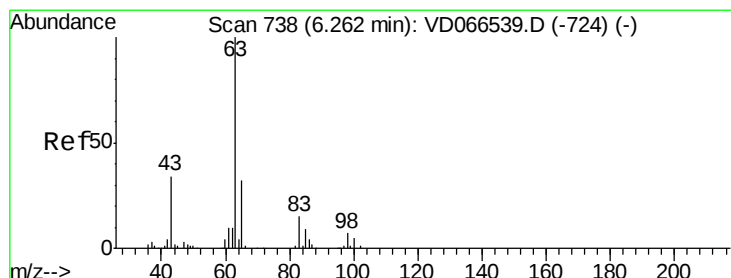
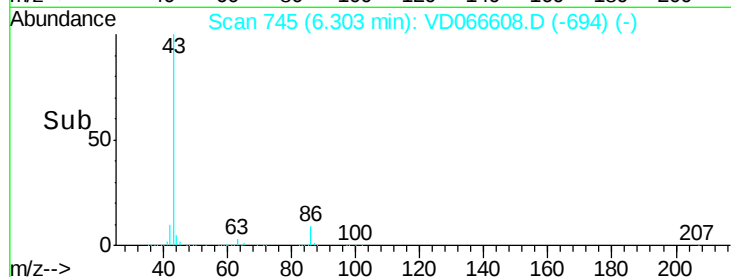
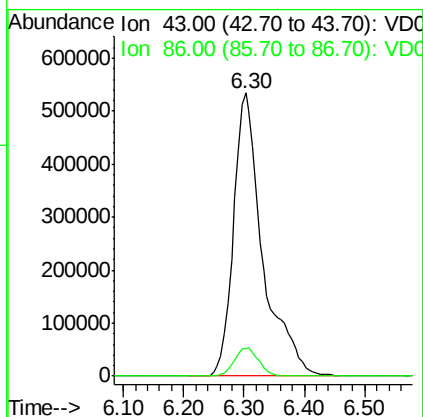
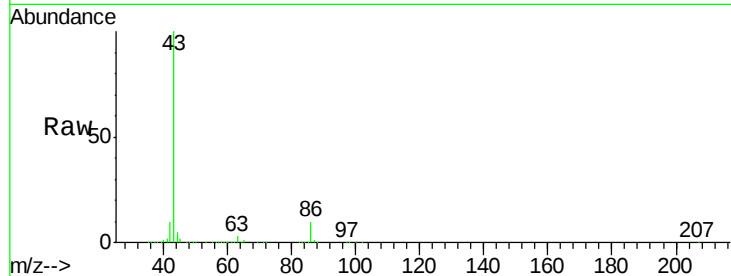
86 9.5 7.7 11.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 43.775 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

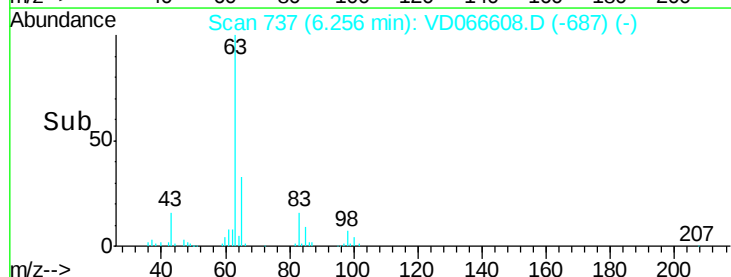
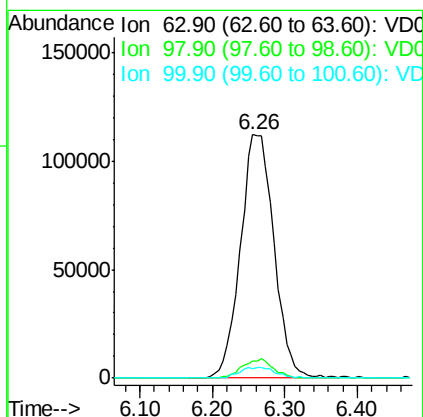
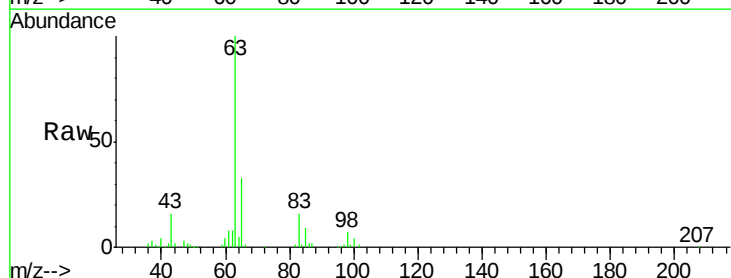
Tgt Ion: 63 Resp: 360848

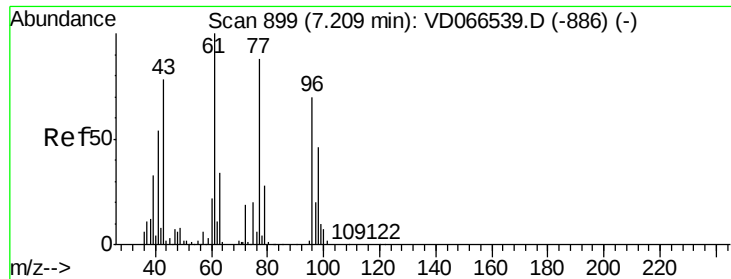
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 3.7 2.5 7.4





#25

2-Butanone

Concen: 251.601 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 290263

Ion Ratio Lower Upper

43 100

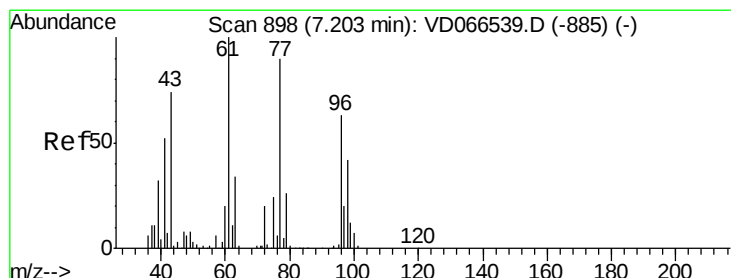
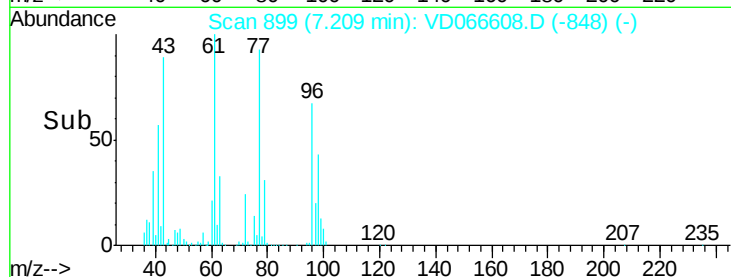
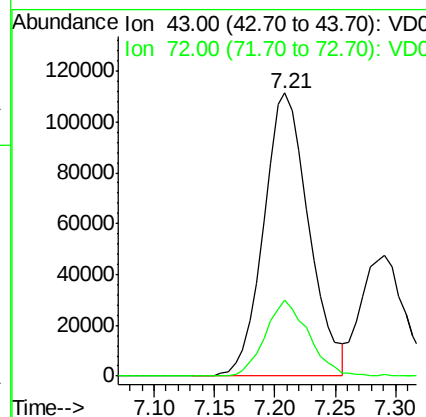
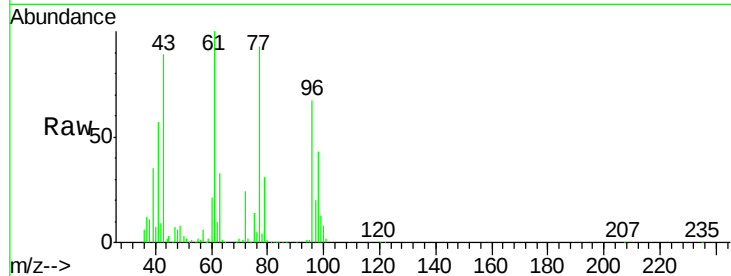
72 26.6 19.8 29.6

Manual Integrations

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MMDadoda

9/11/2020 10:17:54 AM



#26

2,2-Dichloropropane

Concen: 45.447 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066608.D

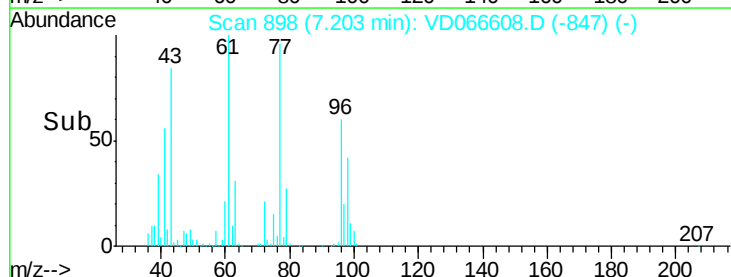
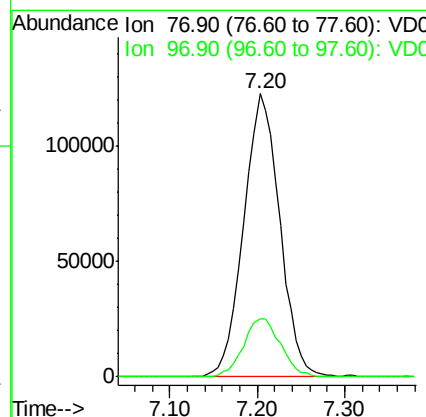
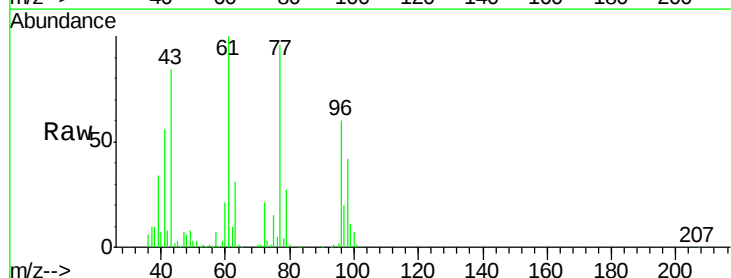
Acq: 10 Sep 2020 11:28

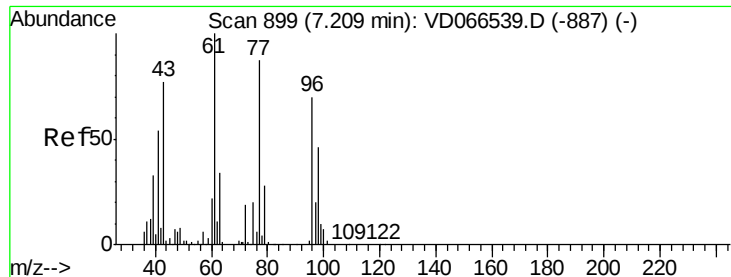
Tgt Ion: 77 Resp: 343639

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 44.262 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

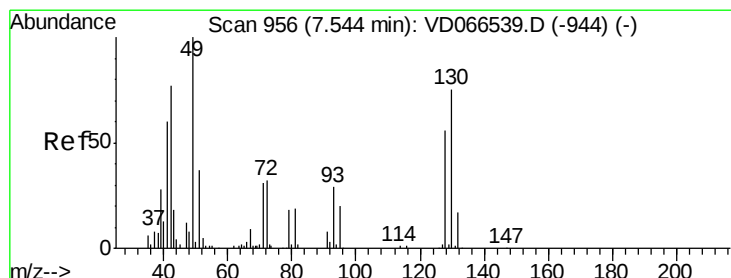
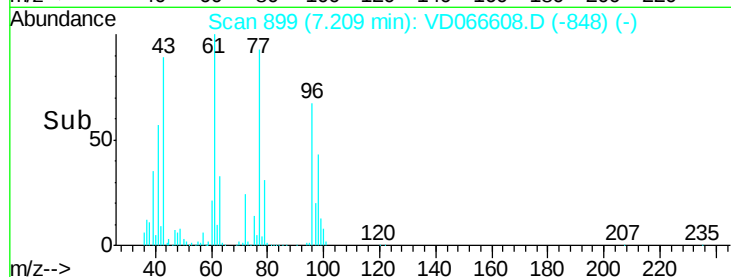
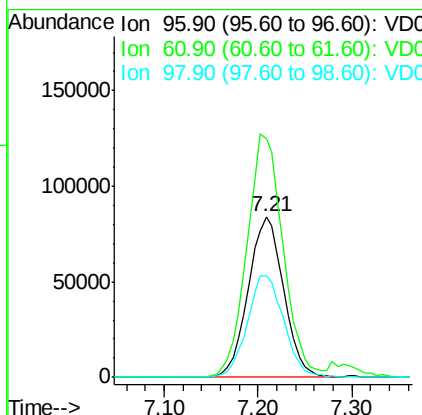
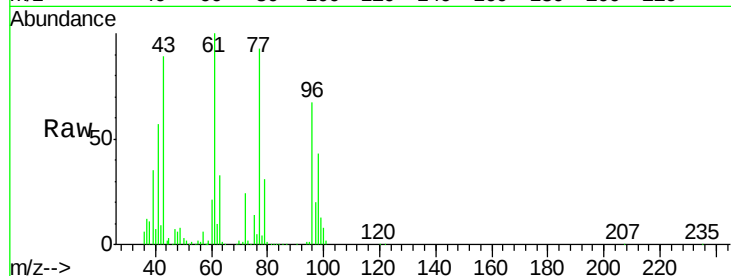
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	219839
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	301.0
98	65.1	0.0	129.8

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#28

Bromochloromethane

Concen: 51.464 ug/l

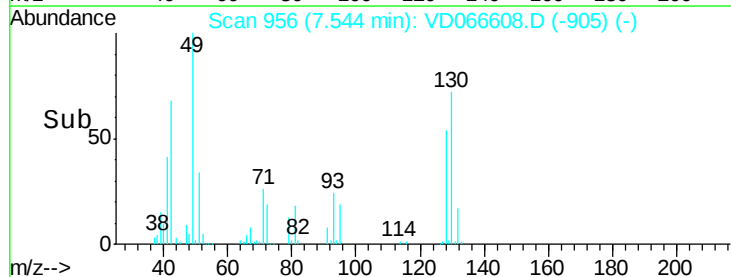
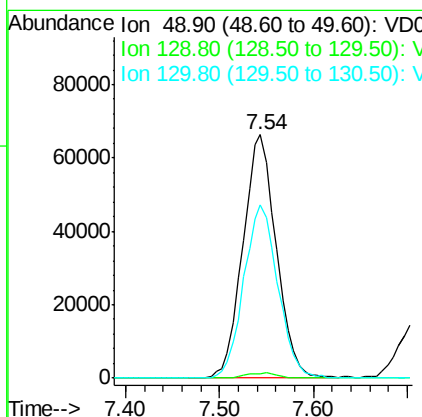
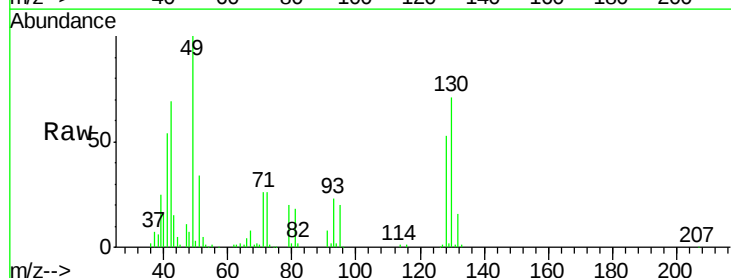
RT: 7.54 min Scan# 956

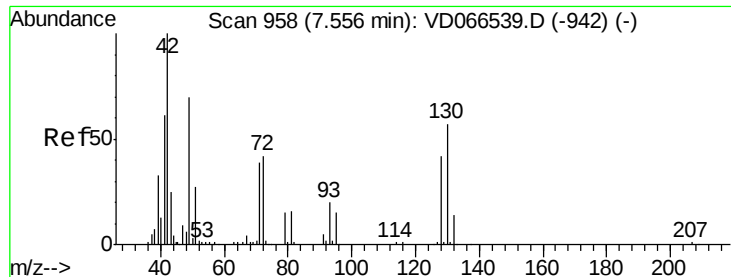
Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Tgt Ion:	49	Resp:	163326
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.6
130	72.4	58.2	87.2





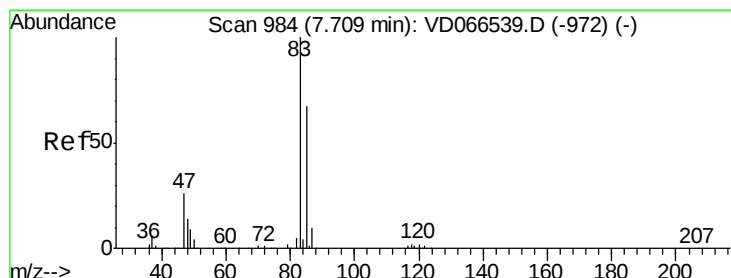
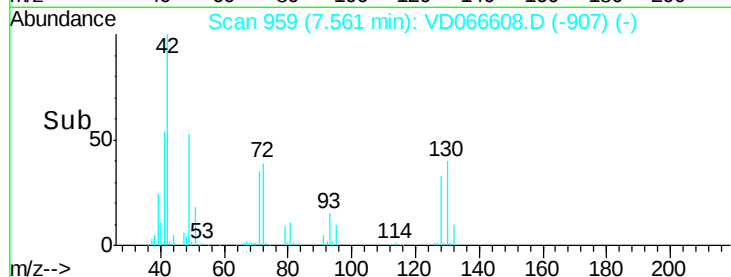
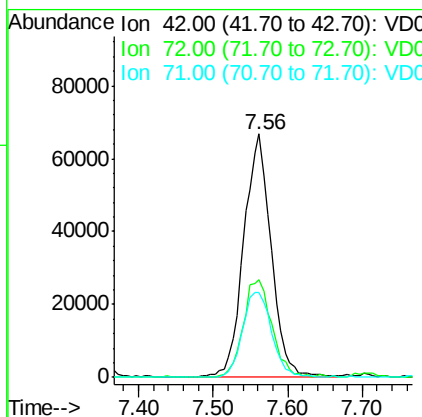
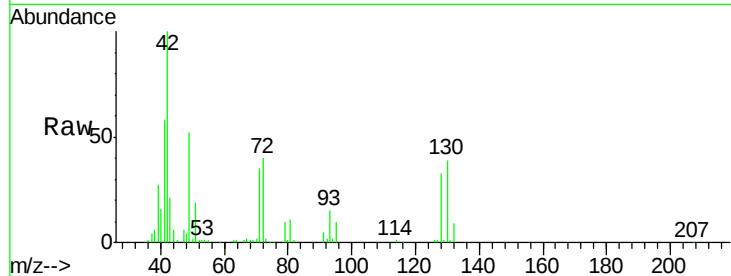
#29
Tetrahydrofuran
Concen: 238.109 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.4	50.0
71	37.3	31.9	47.9

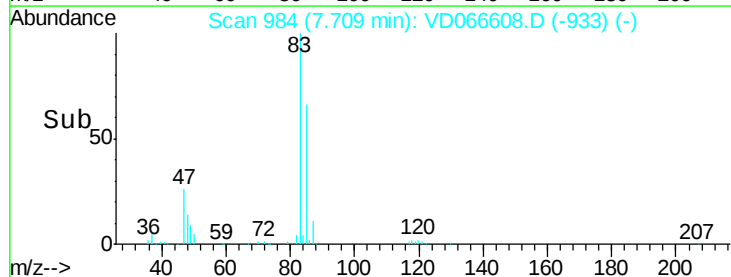
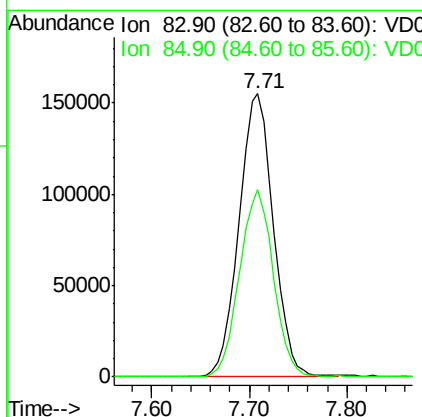
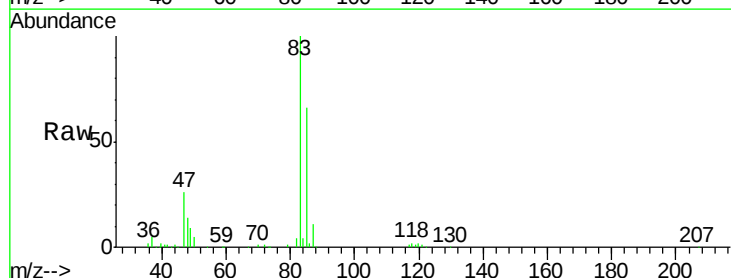
Manual Integrations
APPROVED

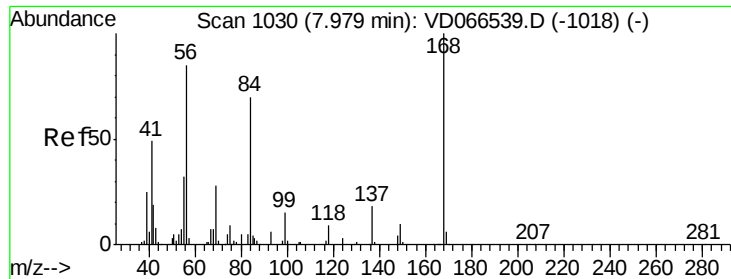
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#30
Chloroform
Concen: 43.906 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.6	80.4





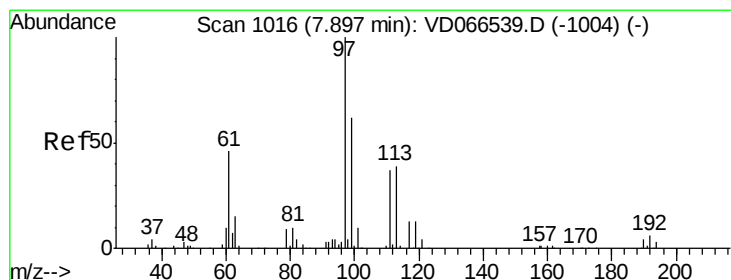
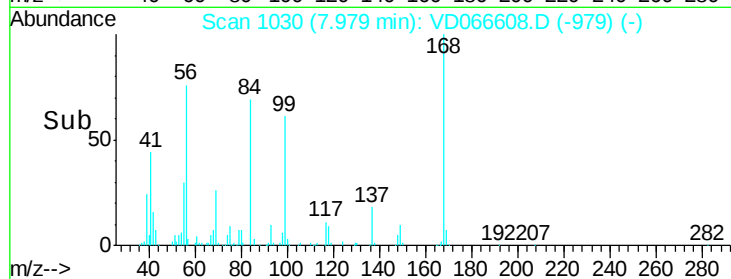
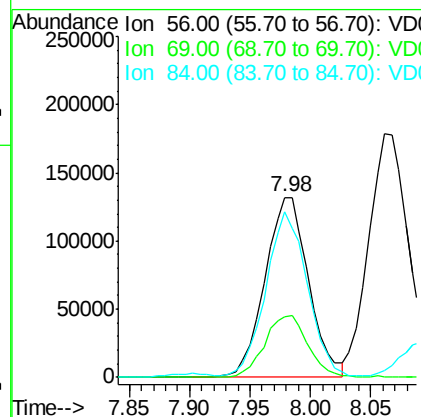
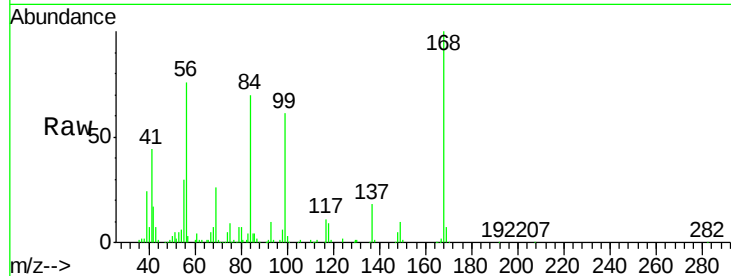
#31
Cyclohexane
Concen: 43.464 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.3	39.5
84	89.9	66.1	99.1

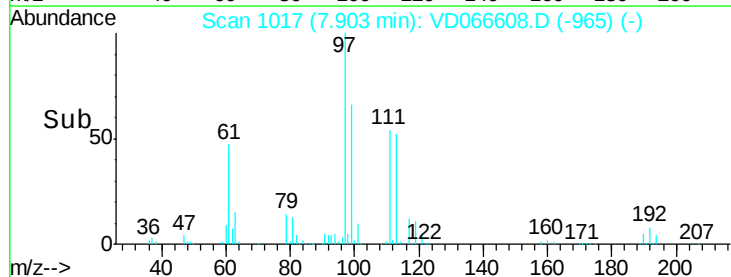
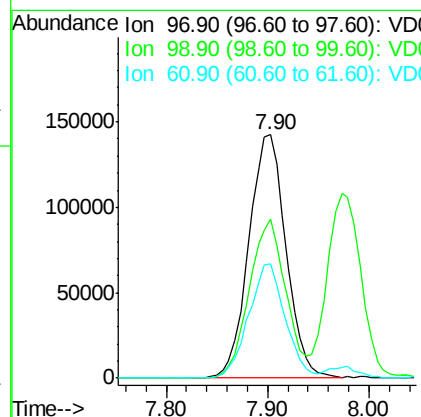
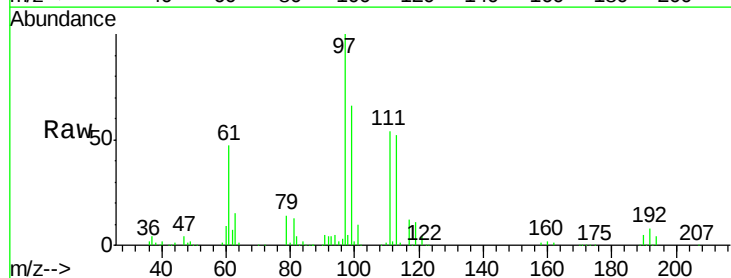
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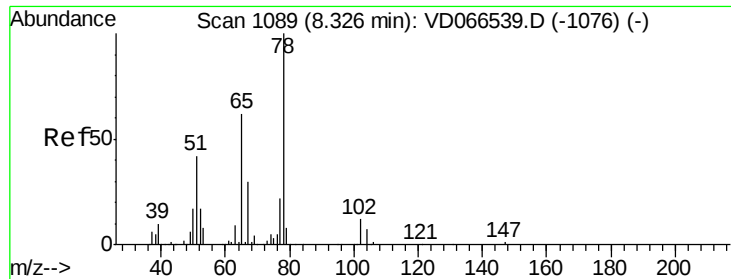
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#32
1,1,1-Trichloroethane
Concen: 44.199 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	46.1	37.4	56.0





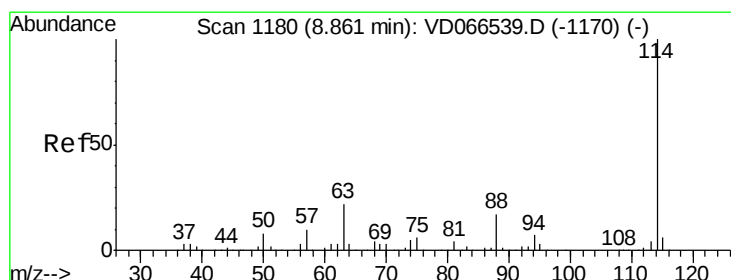
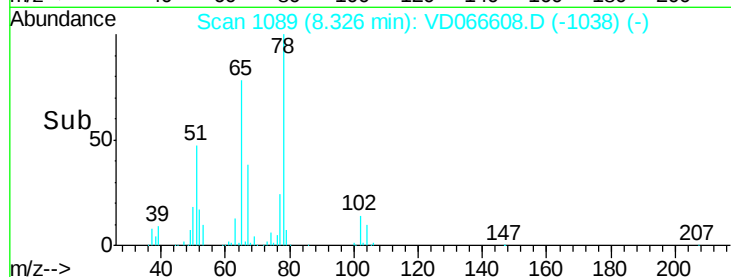
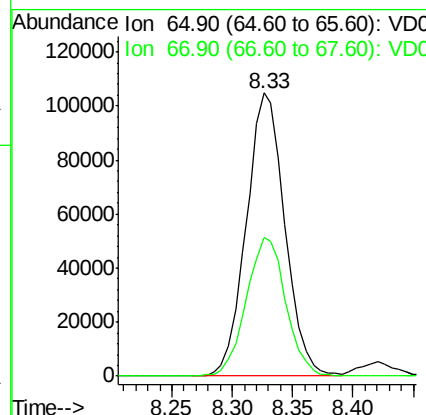
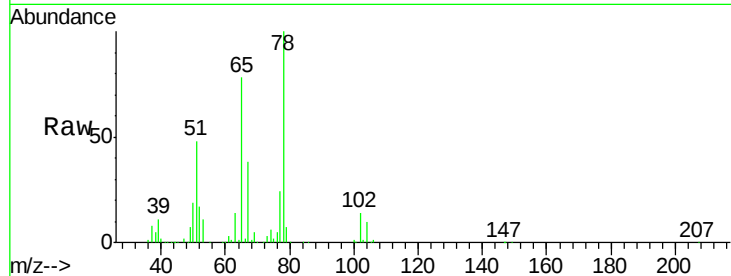
#33
 1,2-Dichloroethane-d4
 Concen: 50.012 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233596		
67	50.0	0.0	102.8	

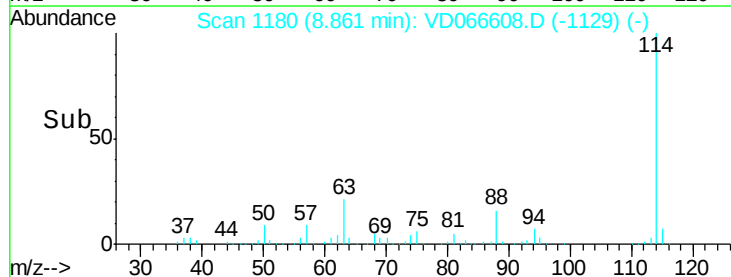
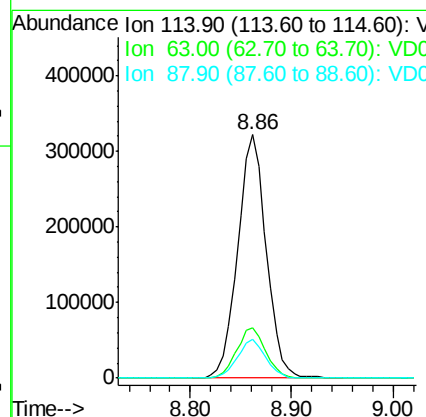
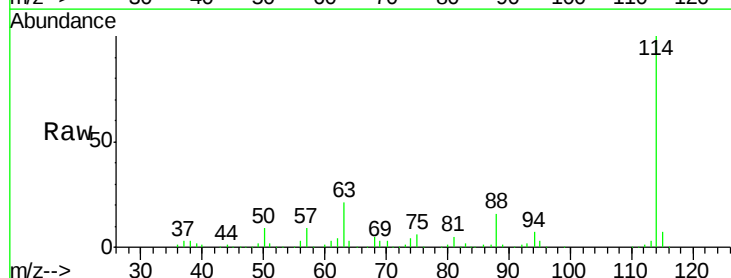
Manual Integrations
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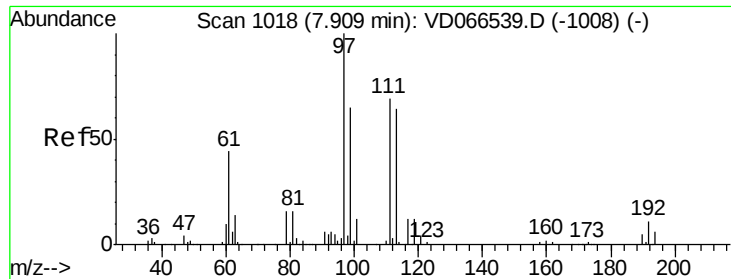
MMDadoda
 9/11/2020 10:17:54 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	627256		
63	20.7	0.0	43.2	
88	15.9	0.0	33.2	





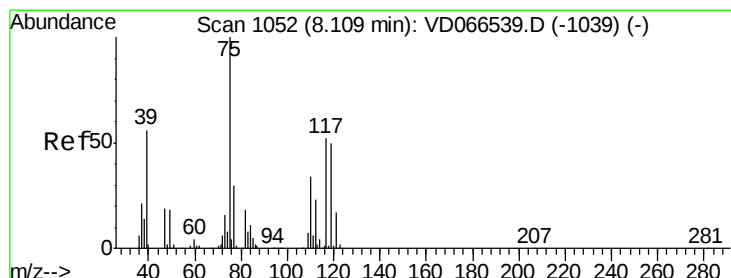
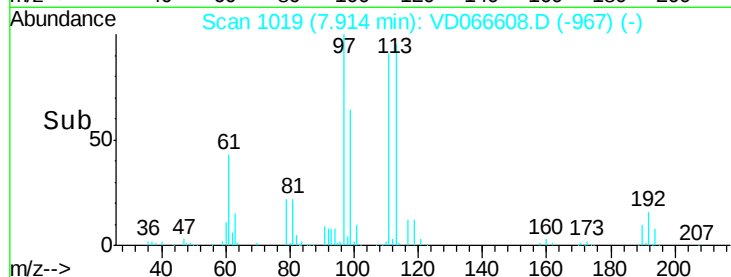
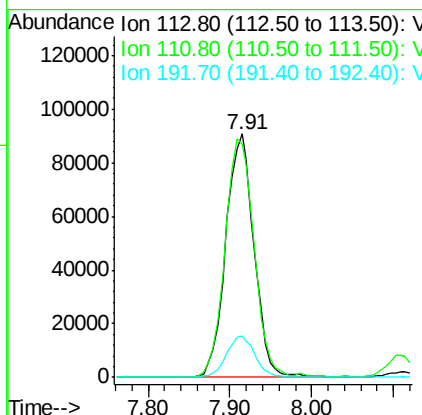
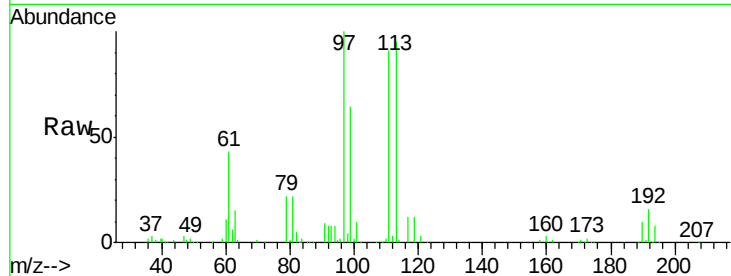
#35
 Dibromofluoromethane
 Concen: 51.390 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	217456		
111	101.0	83.2	124.8	
192	17.2	13.7	20.5	

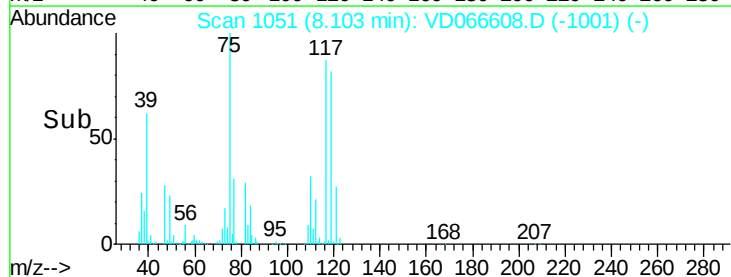
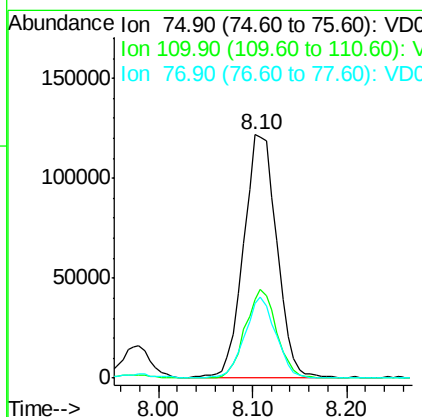
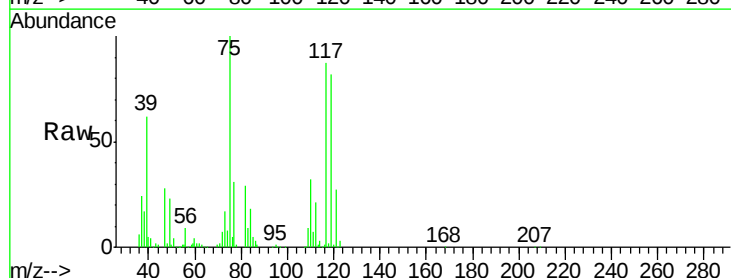
Manual Integrations
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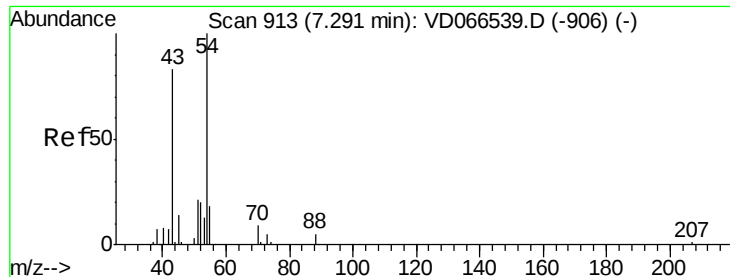
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 9/11/2020 10:17:54 AM



#36
 1,1-Dichloropropene
 Concen: 45.485 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	296921		
110	34.6	17.3	52.0	
77	31.5	25.1	37.7	





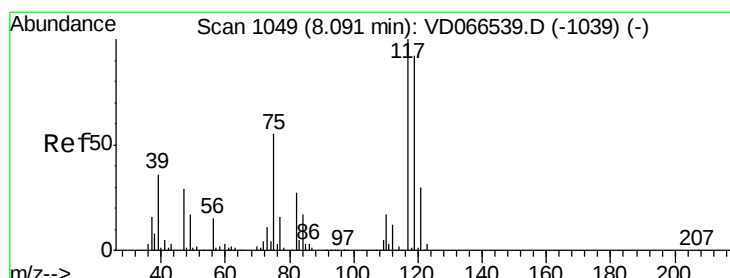
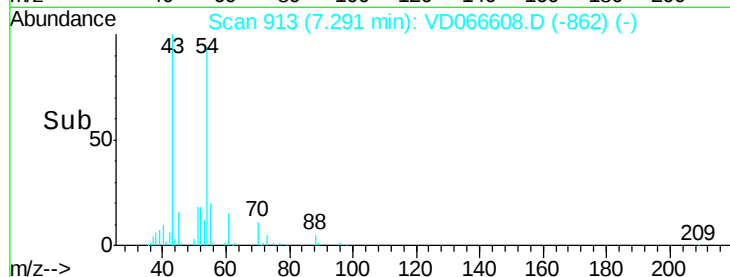
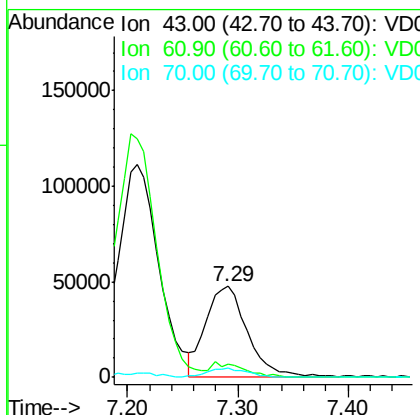
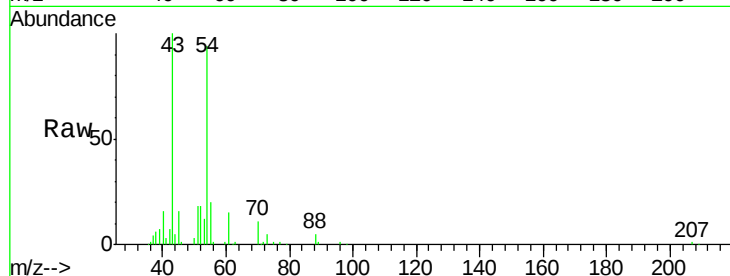
#37
Ethyl Acetate
Concen: 47.151 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.8	17.8
70	10.1	7.9	11.9

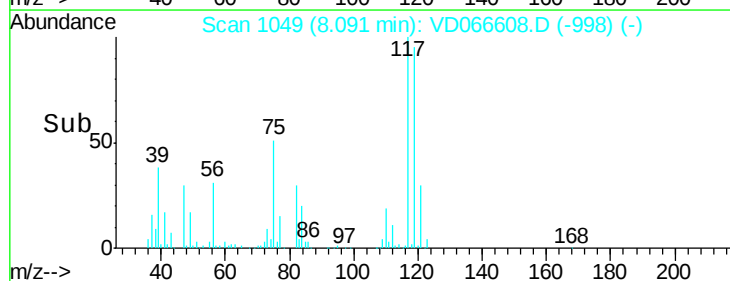
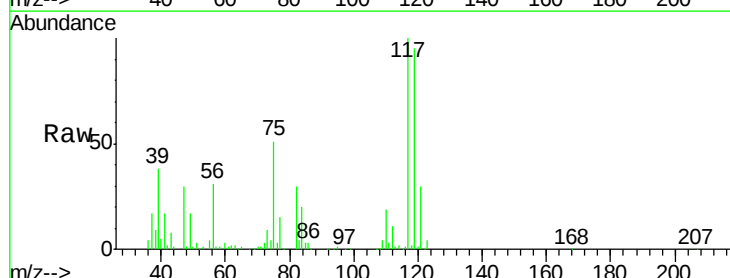
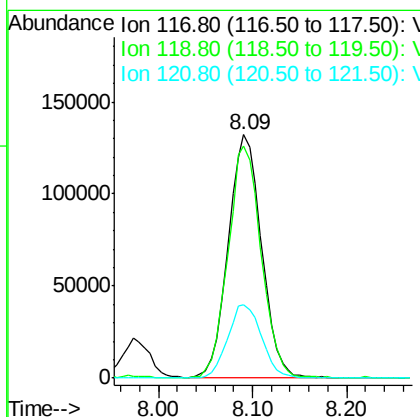
Manual Integrations
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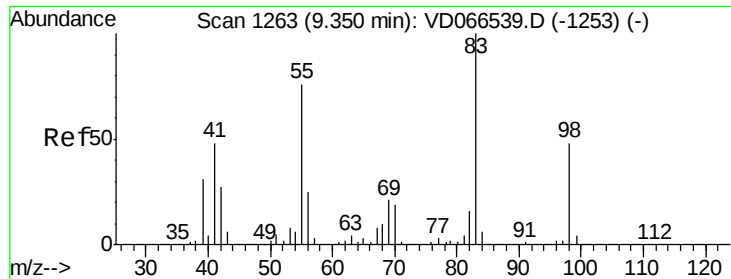
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9/11/2020 10:17:54 AM



#38
Carbon Tetrachloride
Concen: 46.945 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	73.9	110.9
121	30.4	24.1	36.1





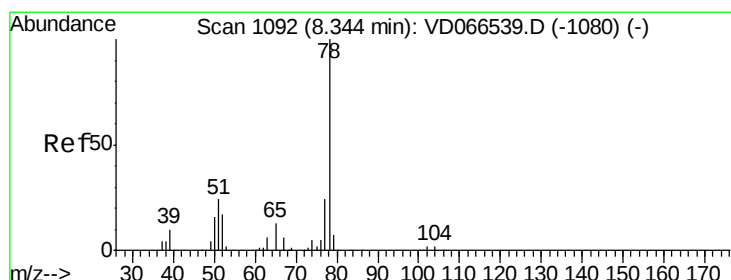
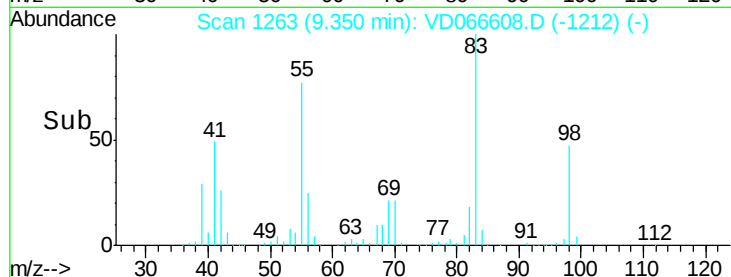
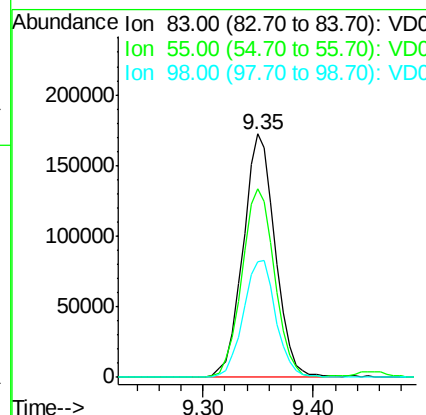
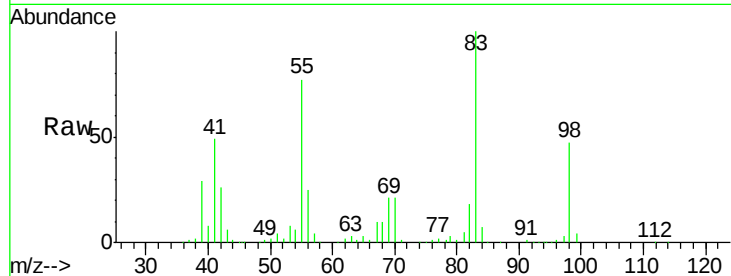
#39
Methvlcvclohexane
Concen: 48.221 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	351496
Ion Ratio	100	Lower	Upper
83	100		
55	77.2	60.8	91.2
98	47.4	38.6	58.0

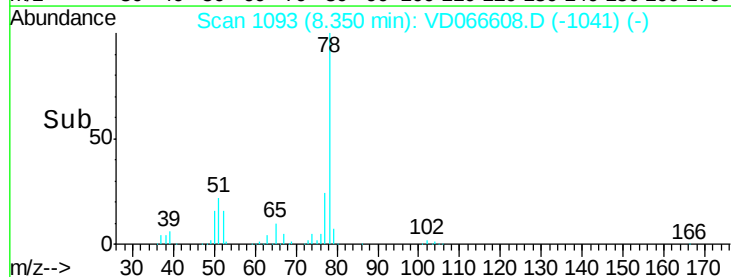
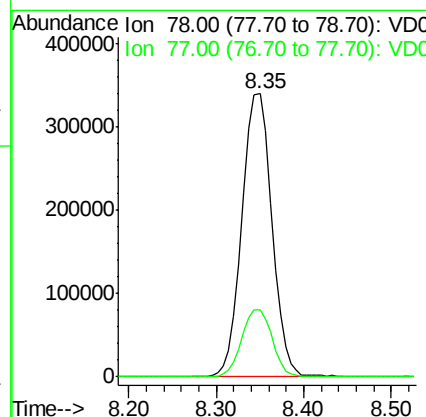
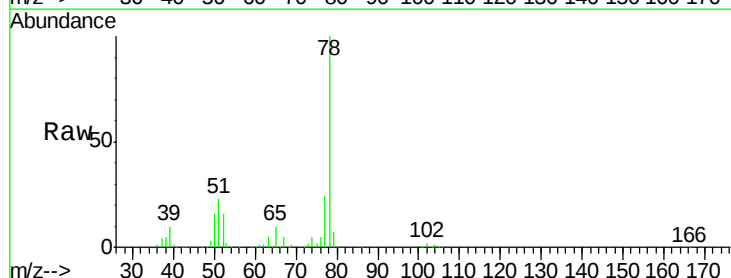
Manual Integrations
APPROVED

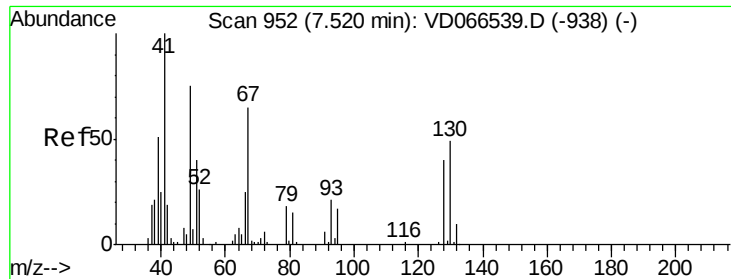
MMDadoda
9/11/2020 10:17:54 AM



#40
Benzene
Concen: 44.202 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	78	Resp	790256
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	19.1	28.7





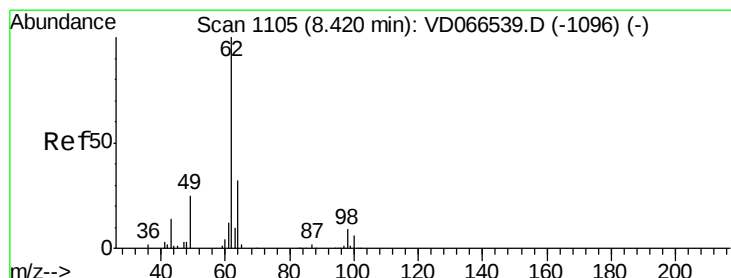
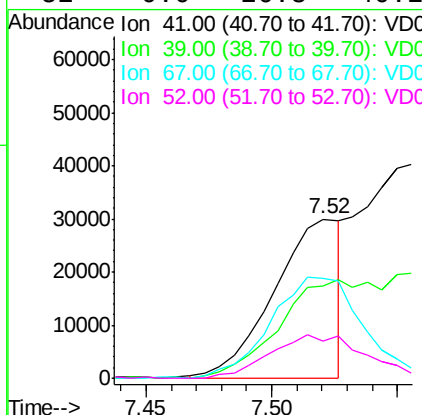
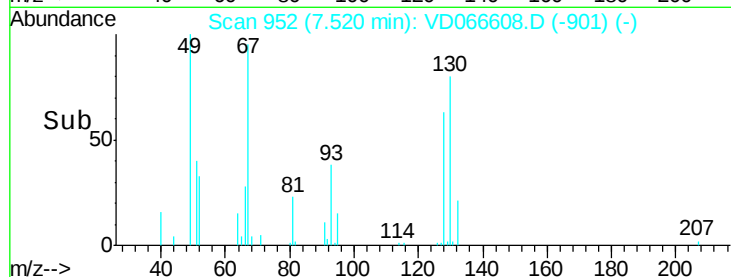
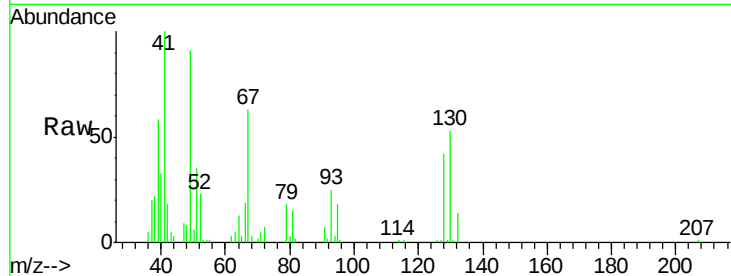
#41
Methacrylonitrile
Concen: 44.138 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

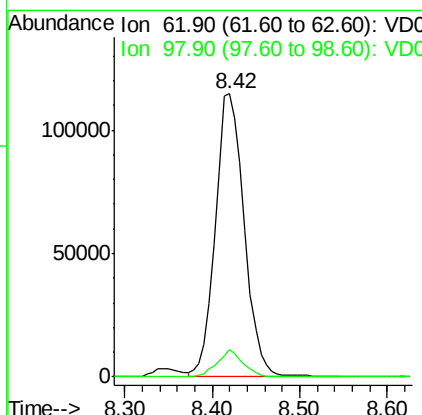
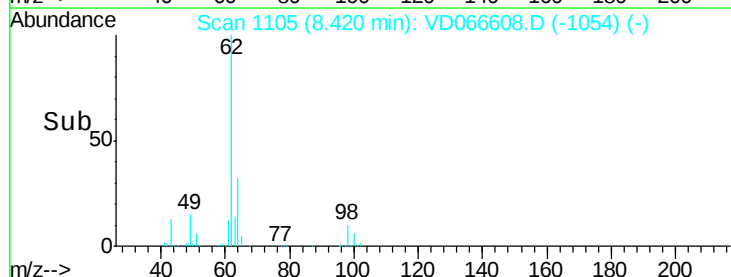
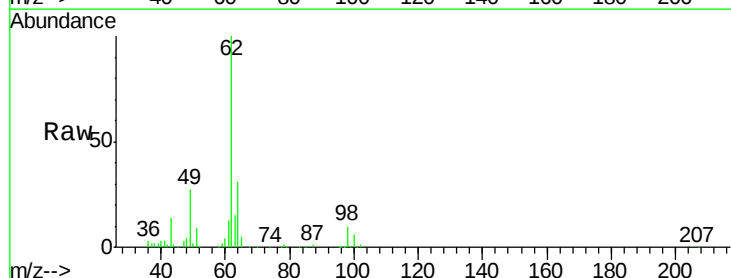
Manual Integrations
APPROVED

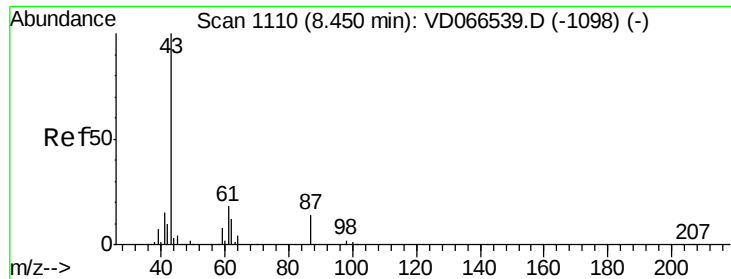
MMDadoda
9/11/2020 10:17:54 AM



#42
1,2-Dichloroethane
Concen: 45.267 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





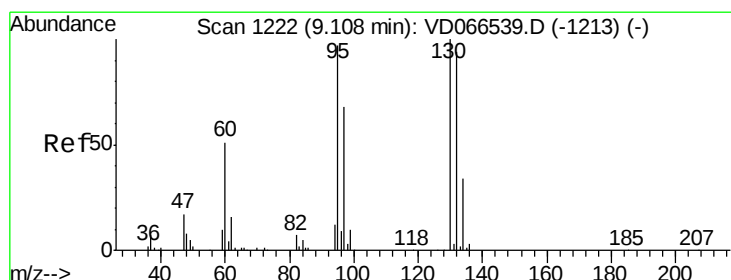
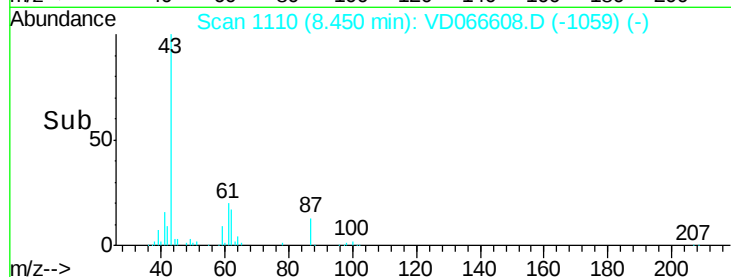
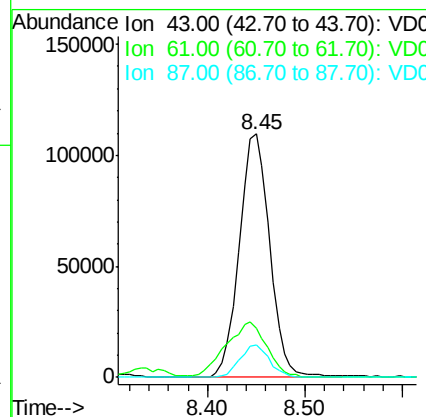
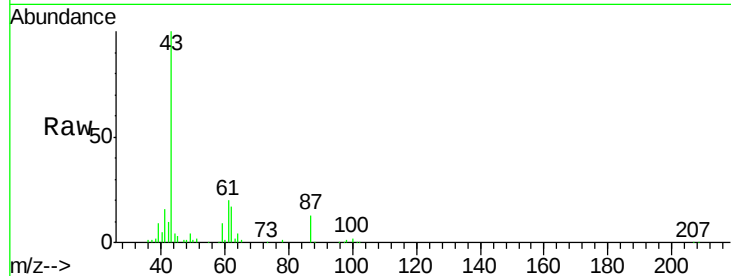
#43
Isopropyl Acetate
Concen: 47.778 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.8	23.8	35.8
87	12.8	10.7	16.1

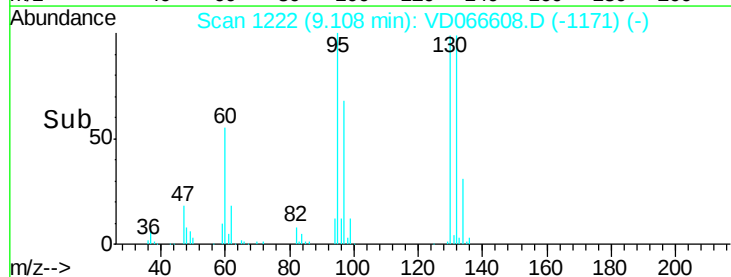
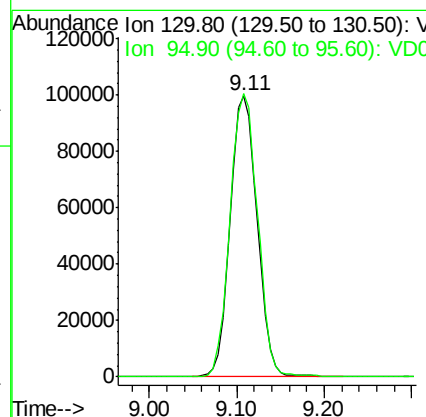
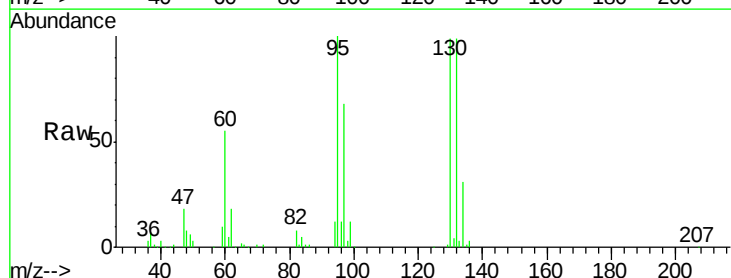
Manual Integrations
APPROVED

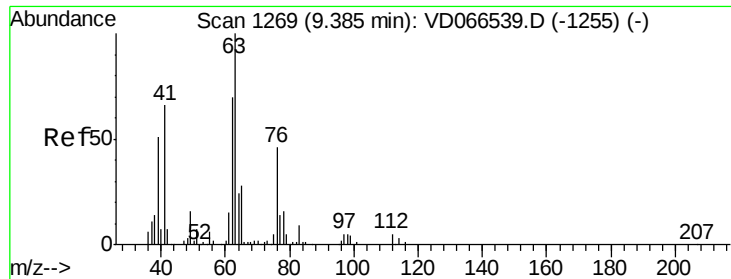
MMDadoda
9/11/2020 10:17:54 AM



#44
Trichloroethene
Concen: 44.788 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	194.4





#45

1,2-Dichloropropane

Concen: 44.374 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 199506

Ion Ratio Lower Upper

63 100

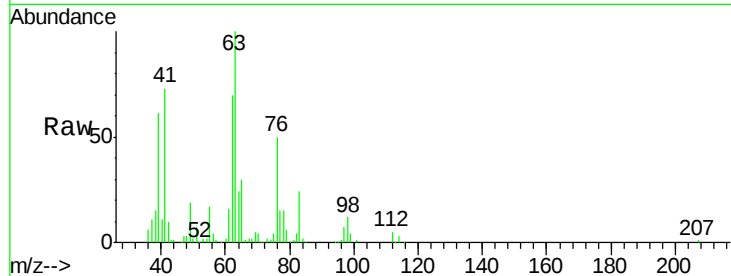
65 30.4 22.6 34.0

Manual Integrations

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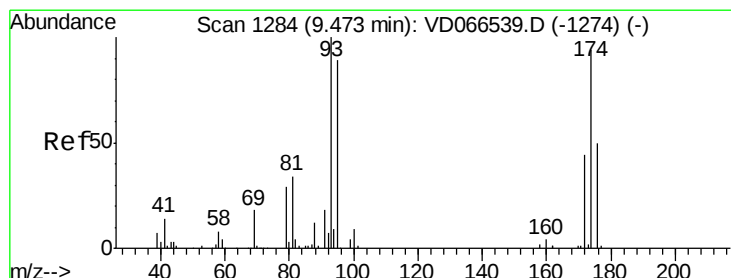
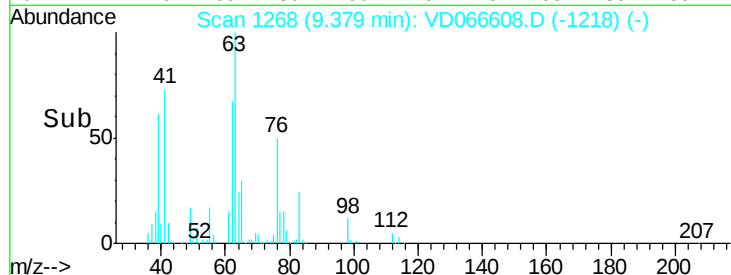
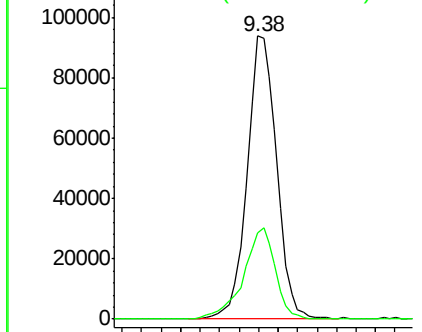
MMDadoda

9/11/2020 10:17:54 AM



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 45.010 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

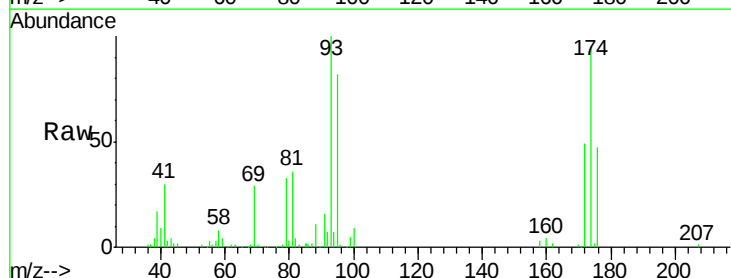
Tgt Ion: 93 Resp: 111649

Ion Ratio Lower Upper

93 100

95 80.7 68.7 103.1

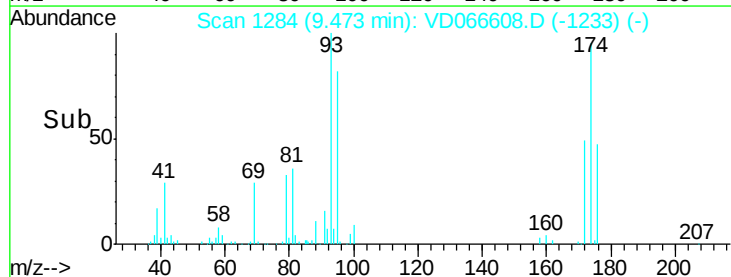
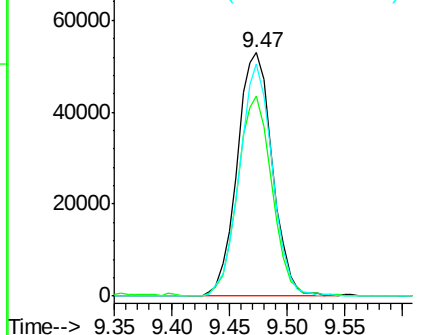
174 89.9 70.0 105.0

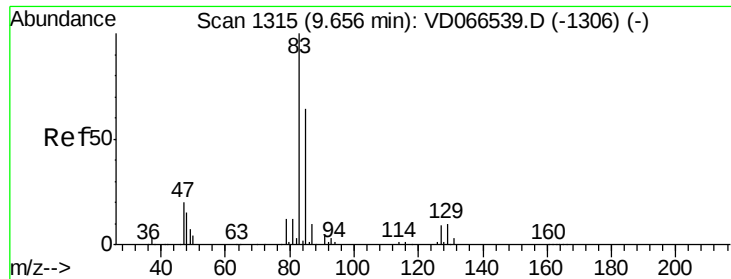


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





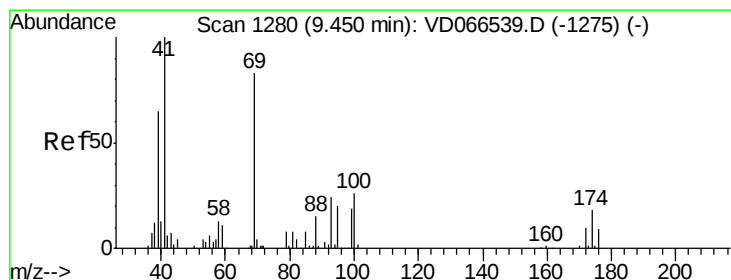
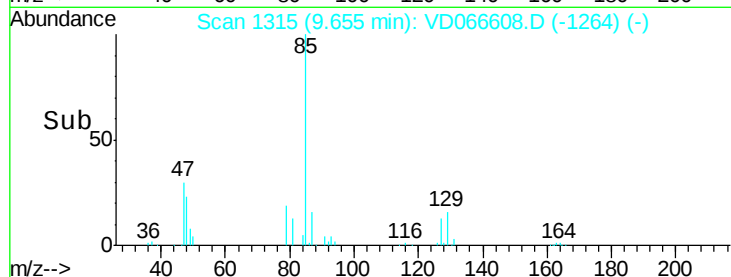
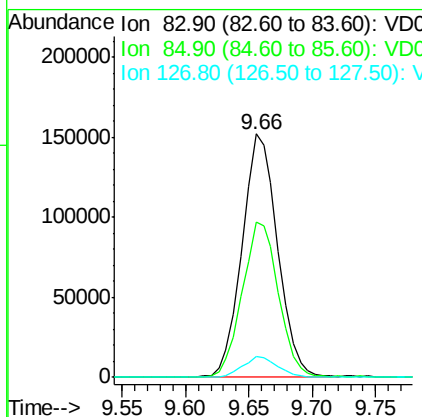
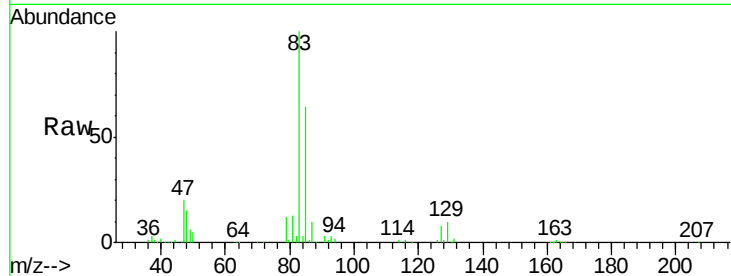
#47
Bromodichloromethane
Concen: 44.274 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	297129		
85	63.7	51.1	76.7	
127	8.4	6.9	10.3	

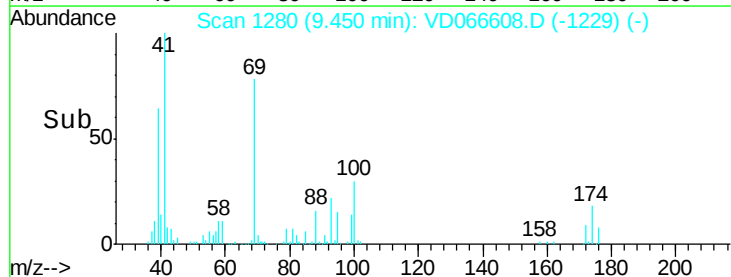
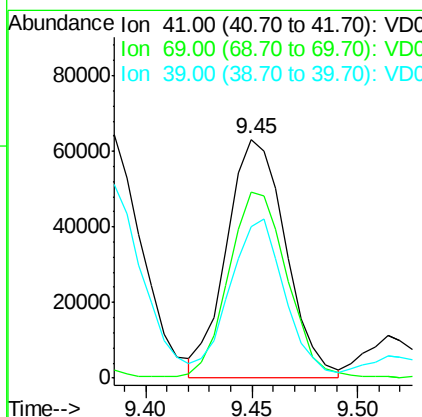
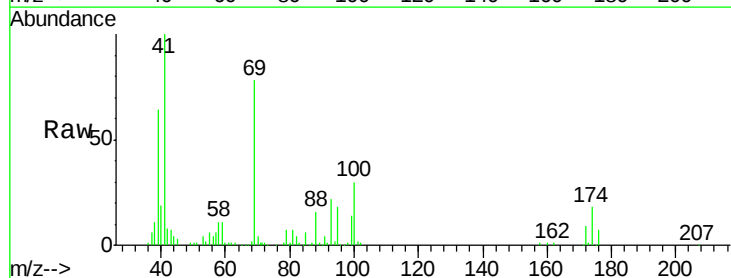
Manual Integrations
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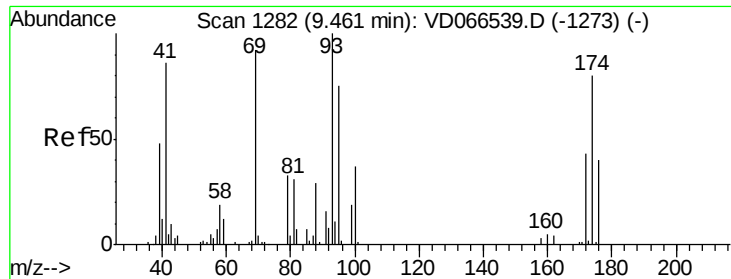
MMDadoda
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#48
Methyl methacrylate
Concen: 48.493 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	122148		
69	77.1	64.5	96.7	
39	57.8	46.6	69.8	





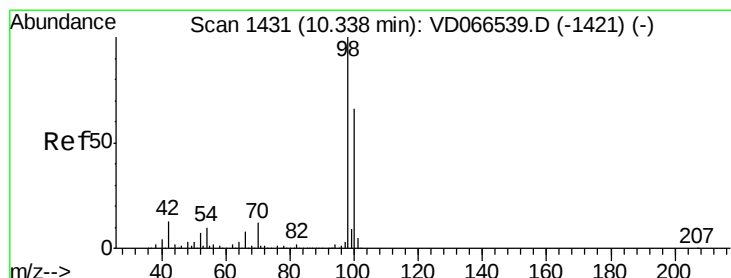
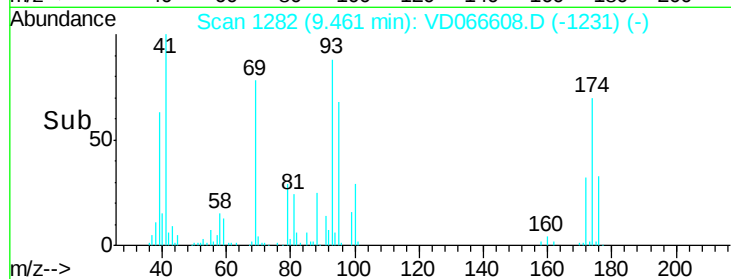
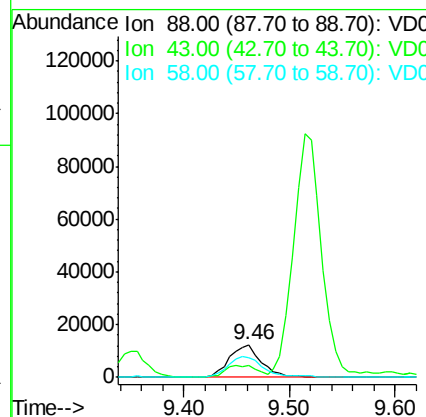
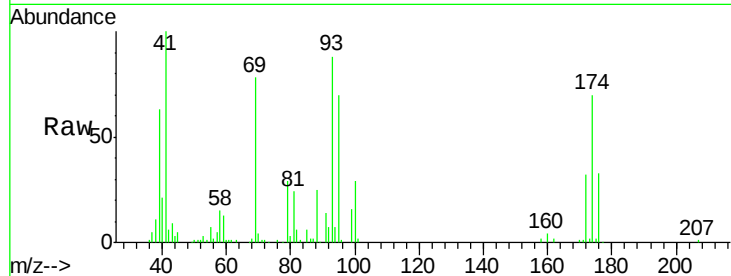
#49
1,4-Dioxane
Concen: 950.675 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	25871		
43	34.5	28.3	42.5	
58	73.9	56.1	84.1	

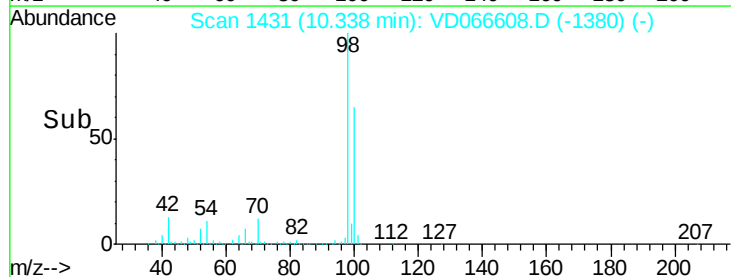
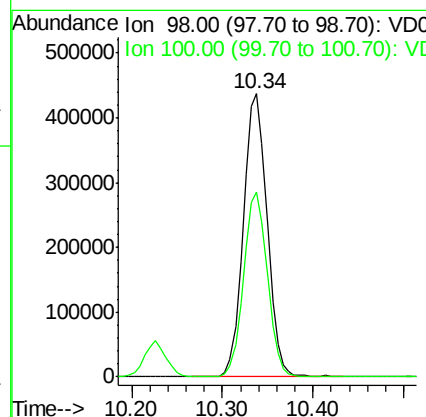
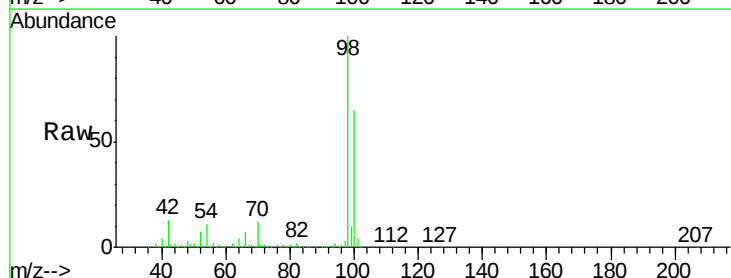
Manual Integrations
APPROVED

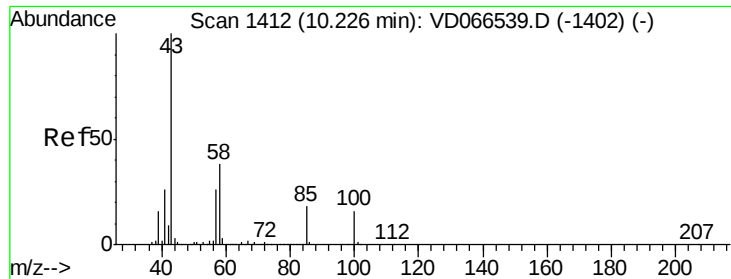
MMDadoda
9/11/2020 10:17:54 AM



#50
Toluene-d8
Concen: 52.754 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	797850		
100	65.5	52.9	79.3	





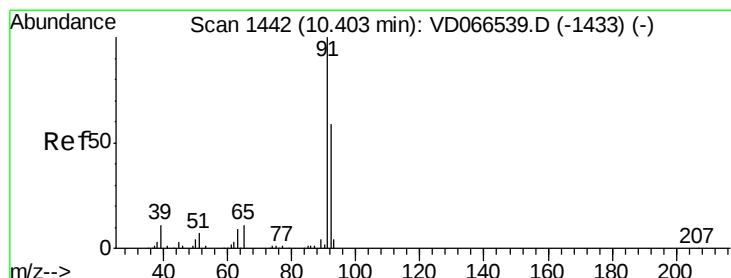
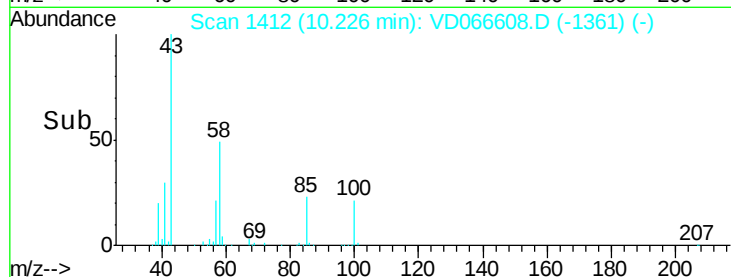
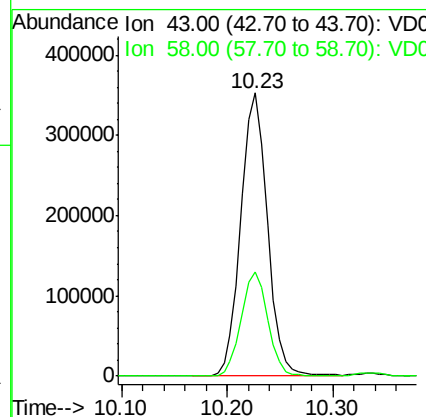
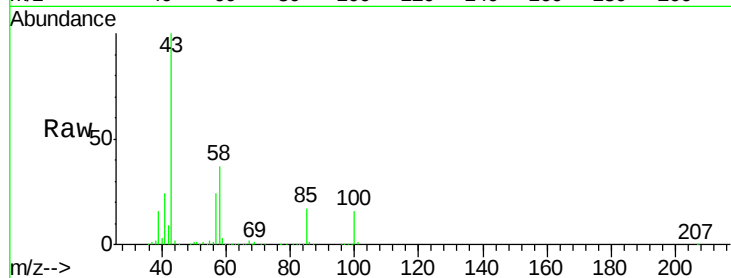
#51
4-Methyl-2-Pentanone
Concen: 245.647 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 617126
Ion Ratio Lower Upper
43 100
58 36.9 30.5 45.7

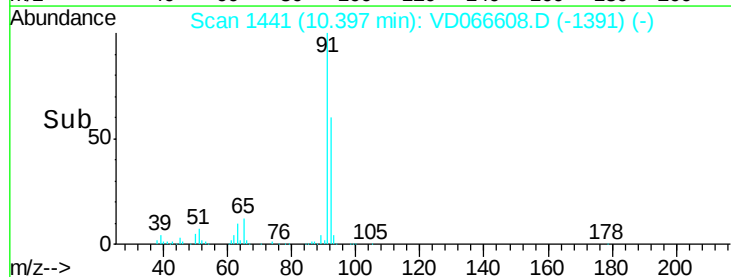
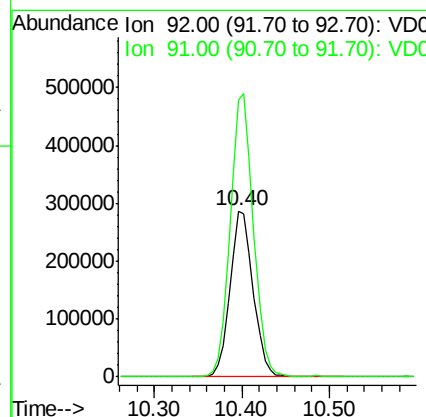
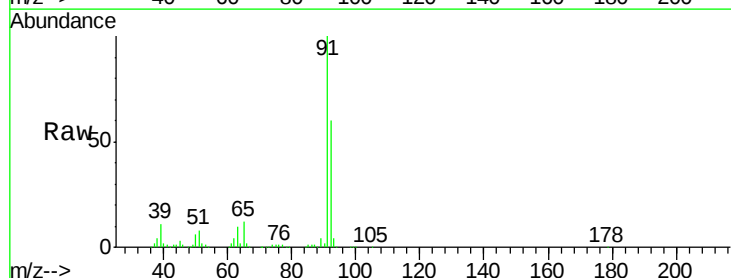
Manual Integrations
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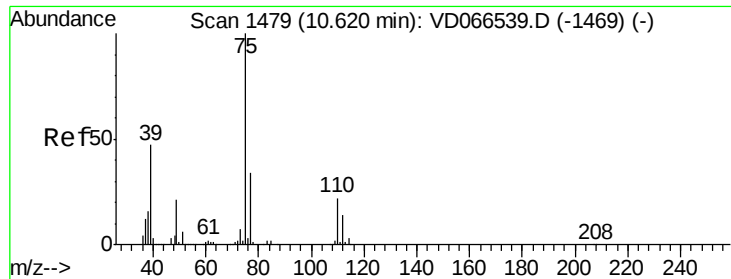
MMDadoda
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#52
Toluene
Concen: 45.775 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion: 92 Resp: 518035
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 47.311 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 280287

Ion Ratio Lower Upper

75 100

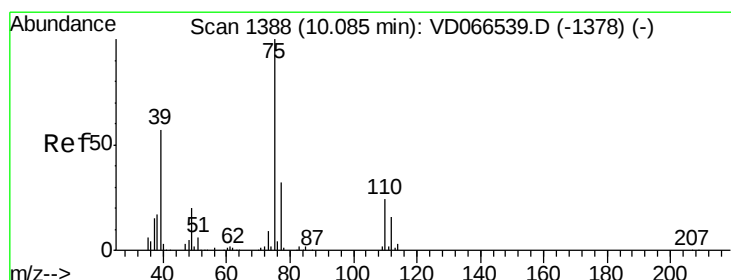
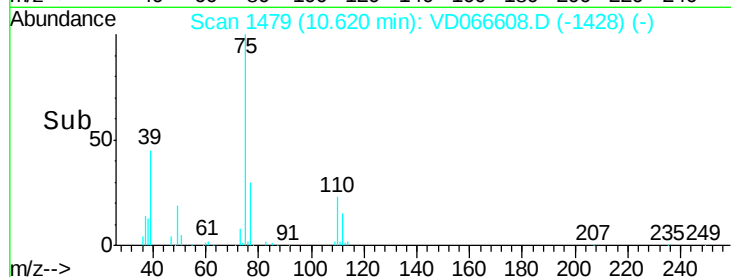
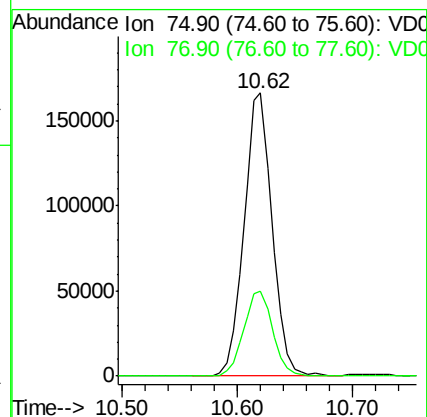
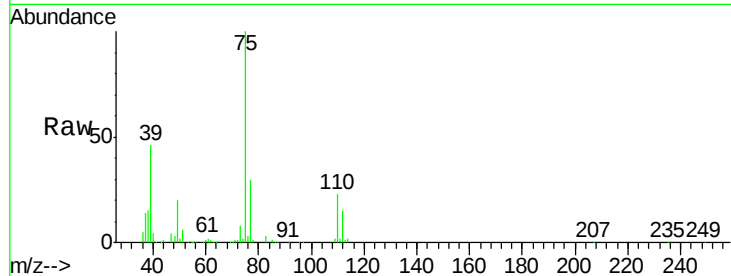
77 30.2 27.4 41.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.008 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

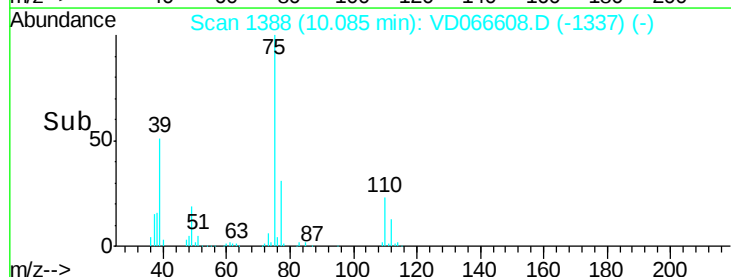
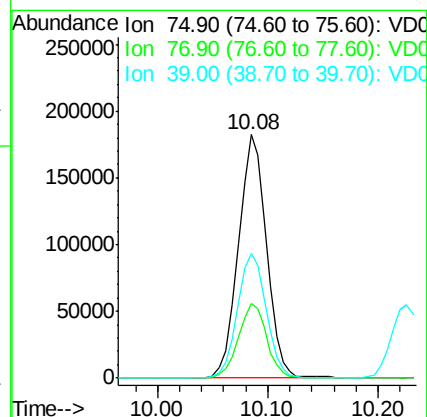
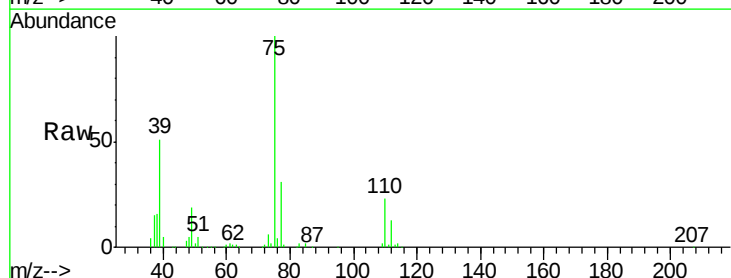
Tgt Ion: 75 Resp: 327325

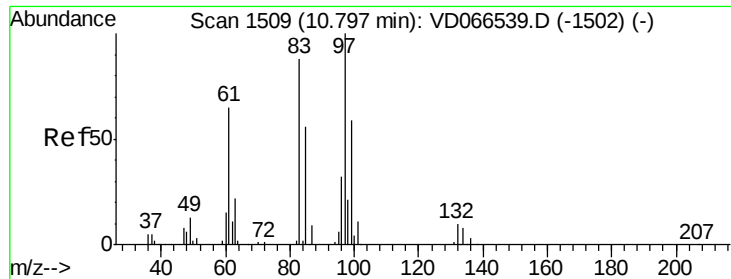
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 51.0 45.4 68.0





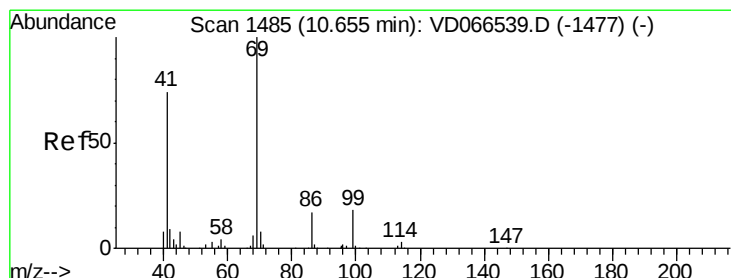
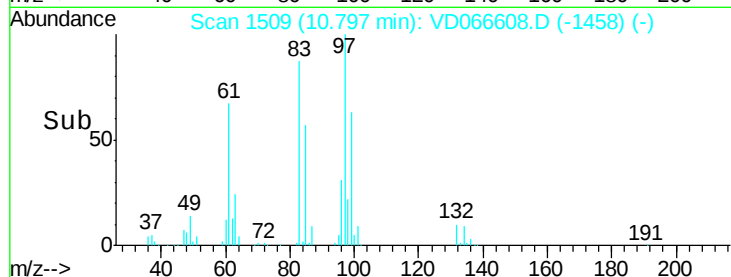
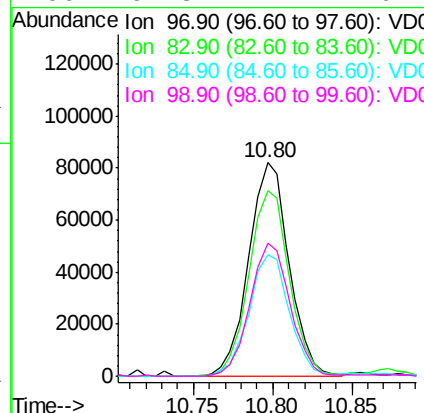
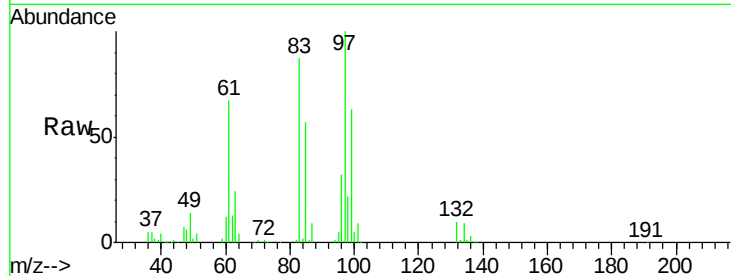
#55
 1,1,2-Trichloroethane
 Concen: 45.658 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	145620
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.1	105.1
85	57.0	44.5	66.7
99	62.3	47.1	70.7

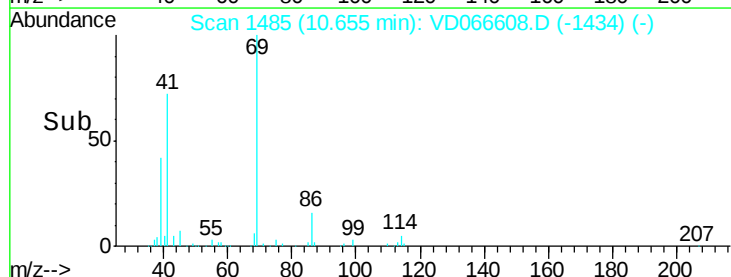
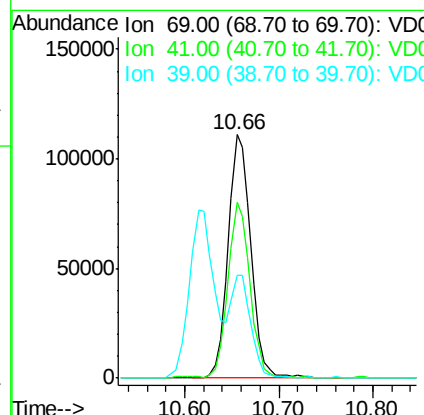
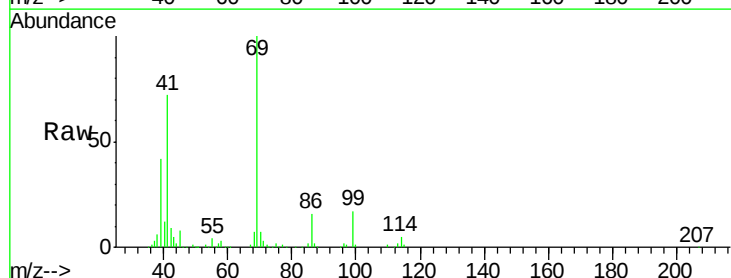
Manual Integrations
 APPROVED

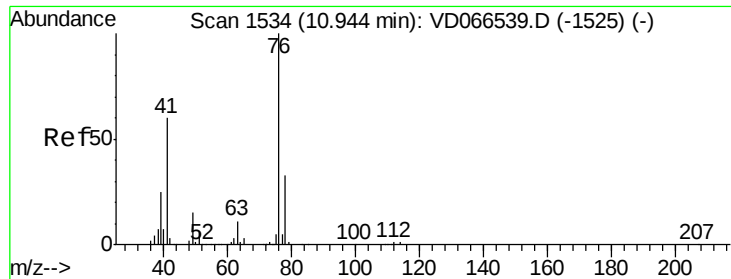
MMDadoda
 9/11/2020 10:17:54 AM



#56
 Ethyl methacrylate
 Concen: 50.164 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion:	69	Resp:	186284
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.8	85.2
39	36.4	30.6	46.0





#57

1,3-Dichloropropane

Concen: 44.905 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 250857

Ion Ratio Lower Upper

76 100

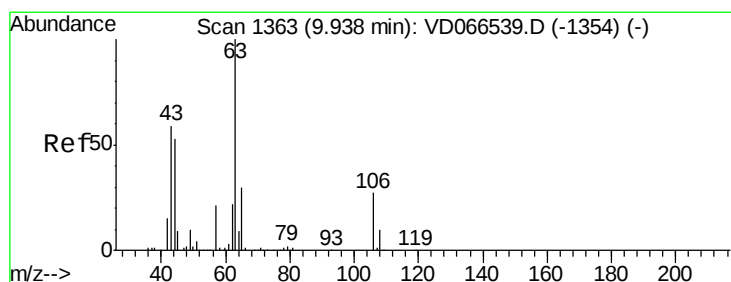
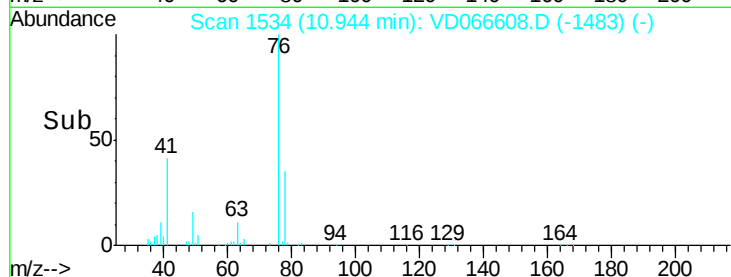
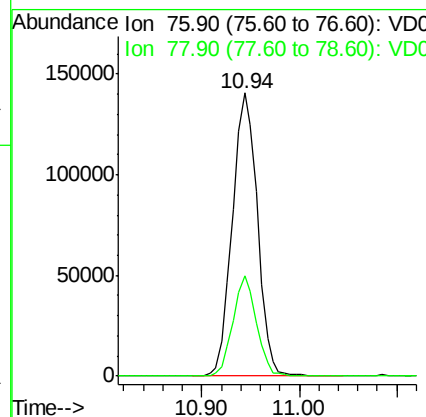
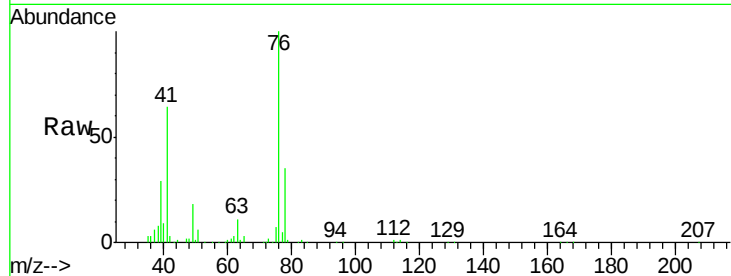
78 33.0 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 256.684 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066608.D

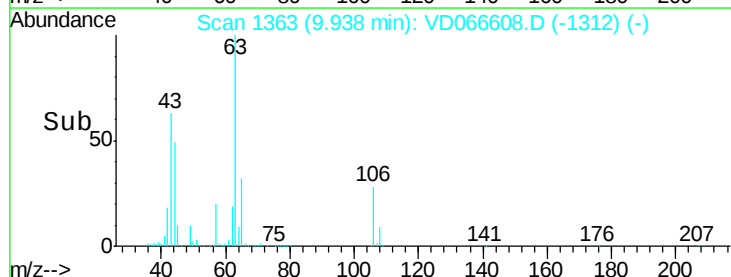
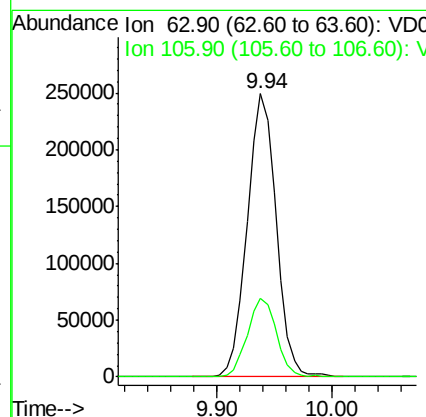
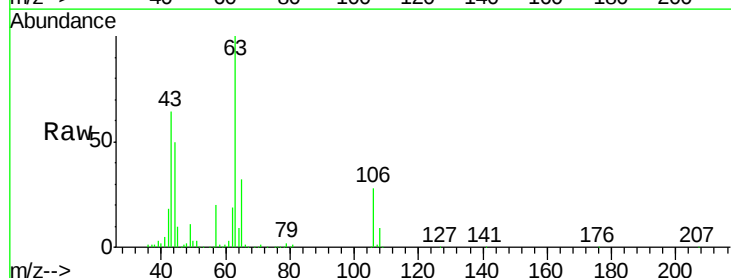
Acq: 10 Sep 2020 11:28

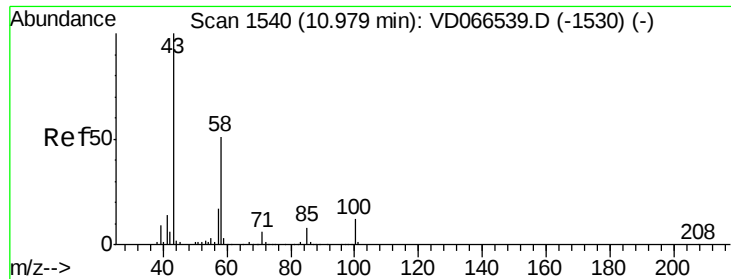
Tgt Ion: 63 Resp: 435983

Ion Ratio Lower Upper

63 100

106 27.9 22.0 33.0





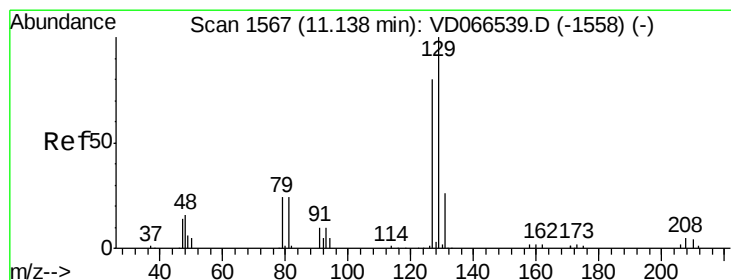
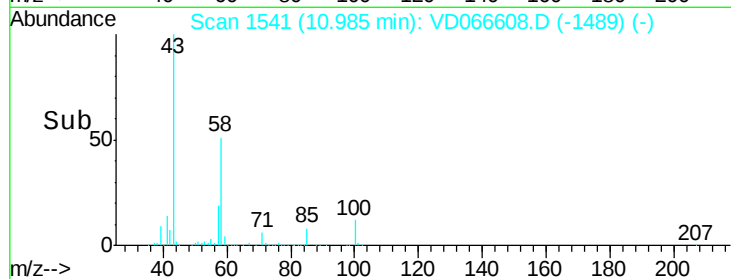
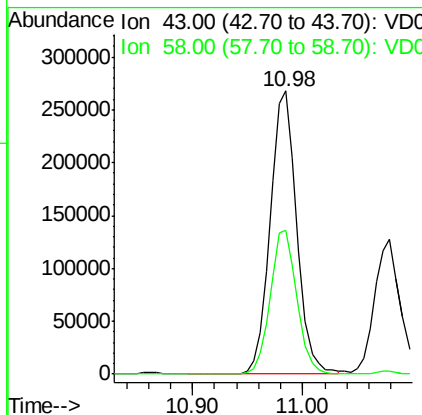
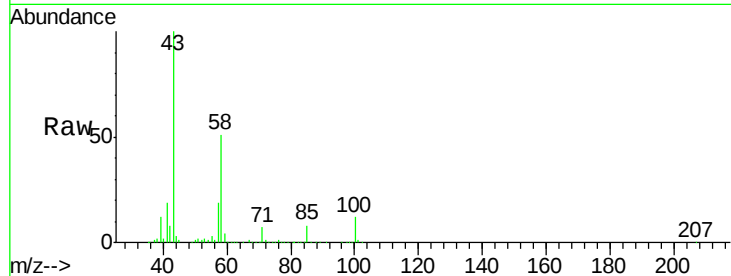
#59
2-Hexanone
Concen: 265.831 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 449105
Ion Ratio Lower Upper
43 100
58 51.0 25.6 76.8

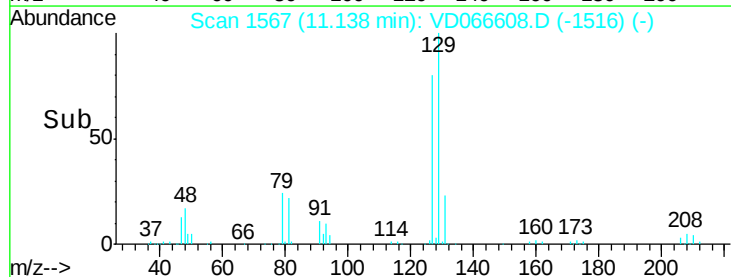
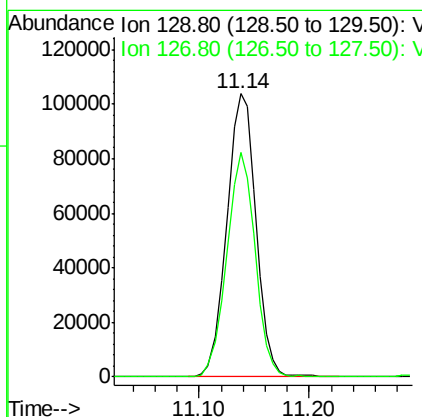
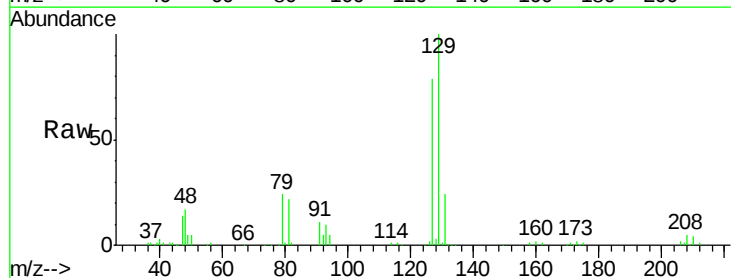
Manual Integrations
APPROVED

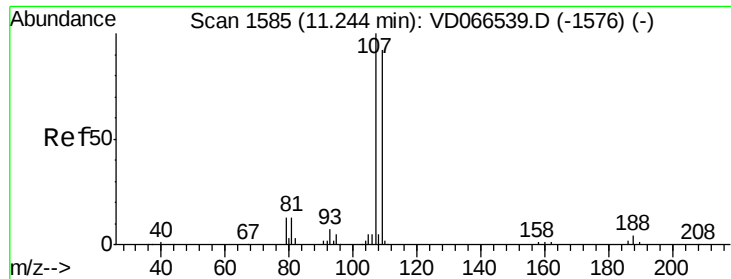
MMDadoda
9/11/2020 10:17:54 AM



#60
Dibromochloromethane
Concen: 45.598 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion: 129 Resp: 192307
Ion Ratio Lower Upper
129 100
127 77.0 39.5 118.3





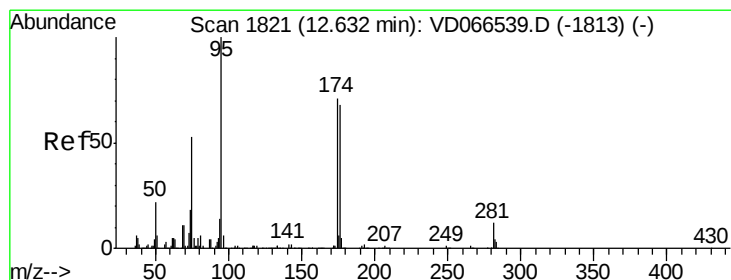
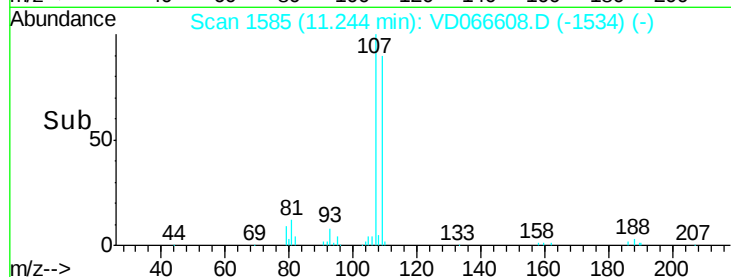
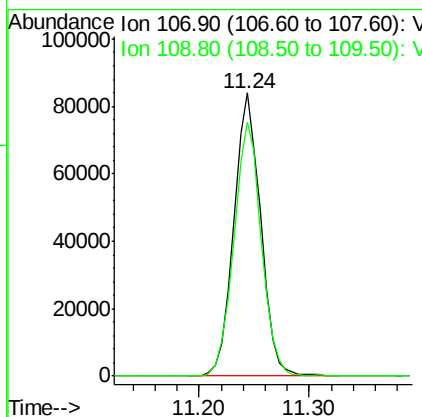
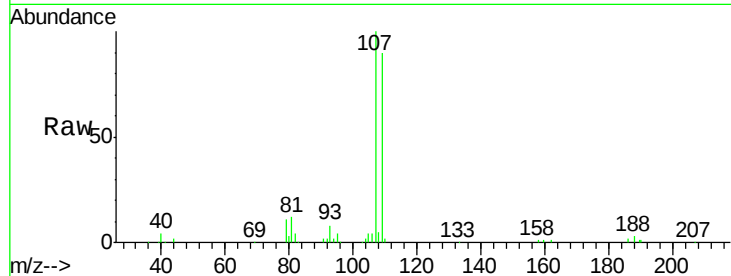
#61
 1,2-Dibromoethane
 Concen: 46.241 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	74.4	111.6

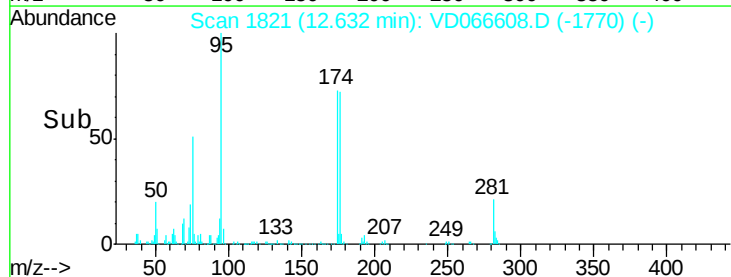
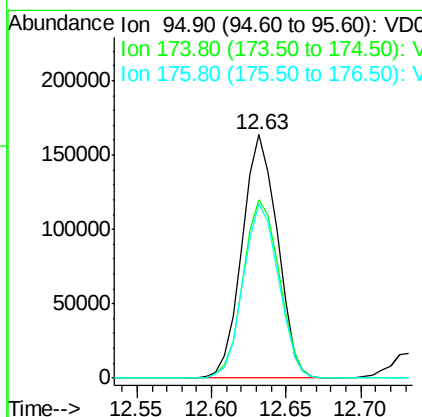
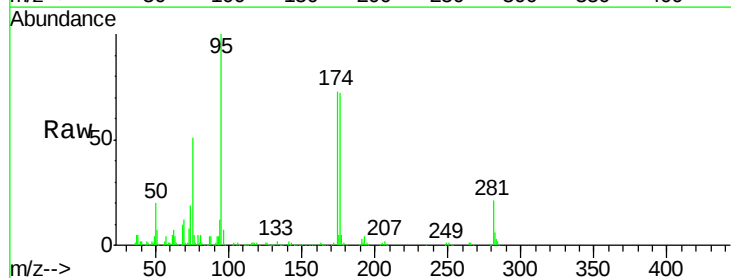
Manual Integrations
 APPROVED

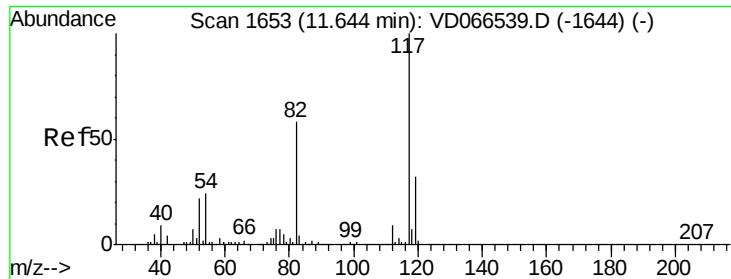
MMDadoda
 9/11/2020 10:17:54 AM



#62
 4-Bromofluorobenzene
 Concen: 53.519 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	155.8
176	71.8	0.0	148.6





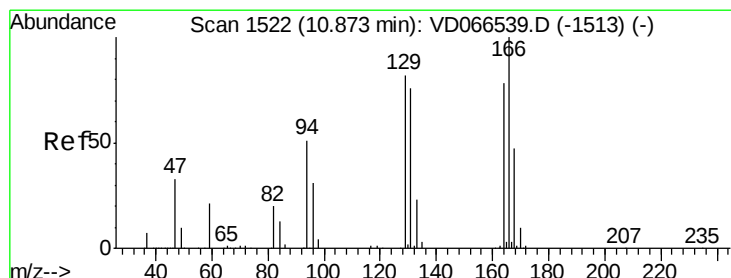
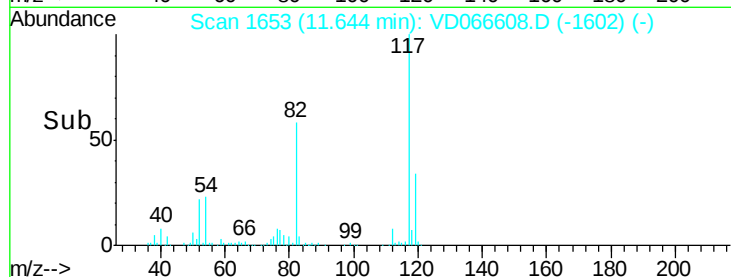
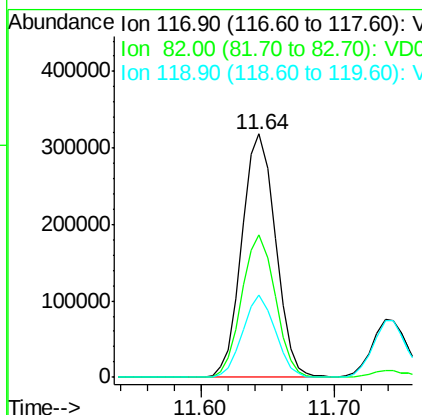
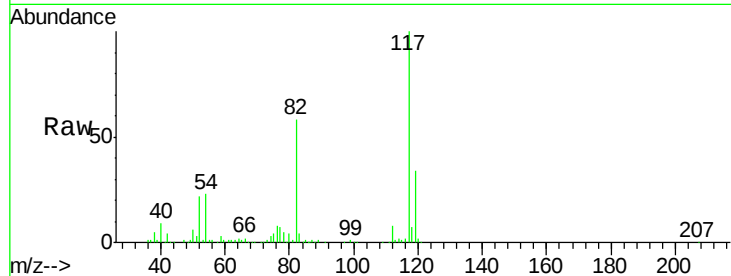
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	557096		
82	58.4		46.2	69.2
119	33.9		25.8	38.8

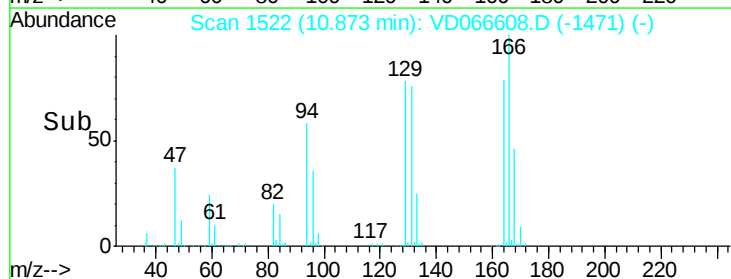
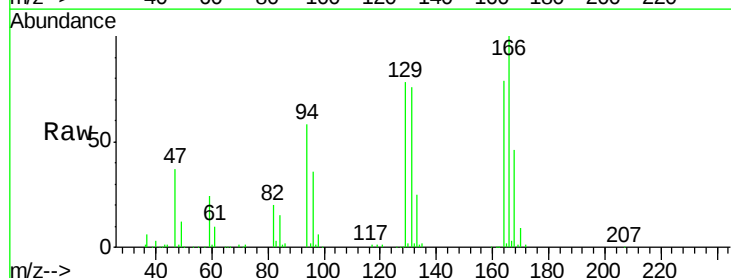
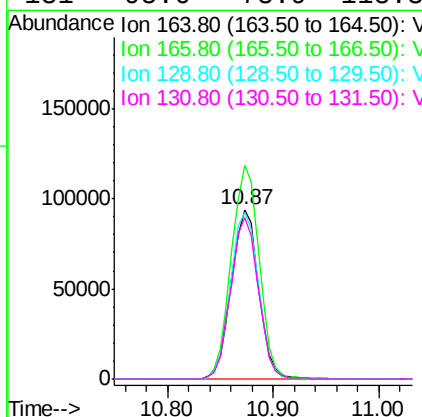
Manual Integrations
APPROVED

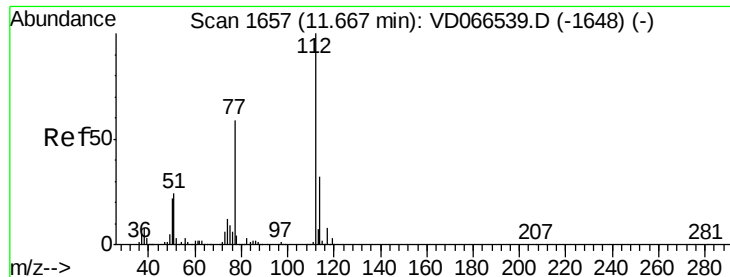
MMDadoda
9/11/2020 10:17:54 AM



#64
Tetrachloroethene
Concen: 44.691 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167633		
166	126.3		103.2	154.8
129	98.2		84.5	126.7
131	95.6		78.9	118.3





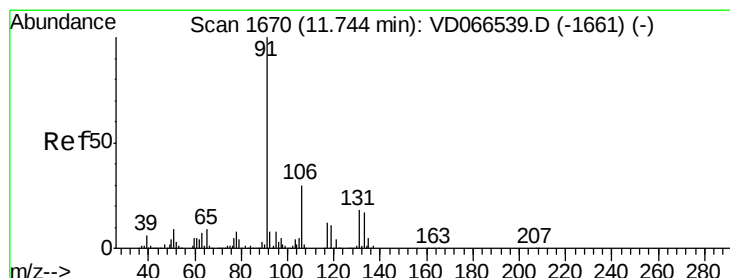
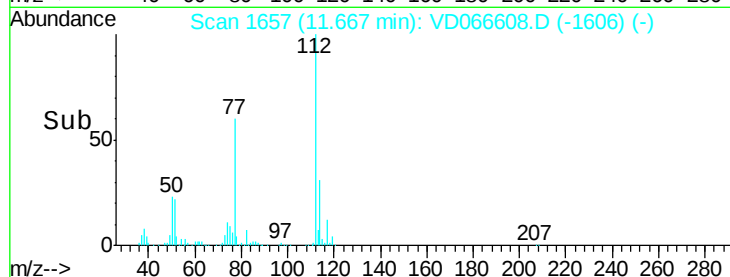
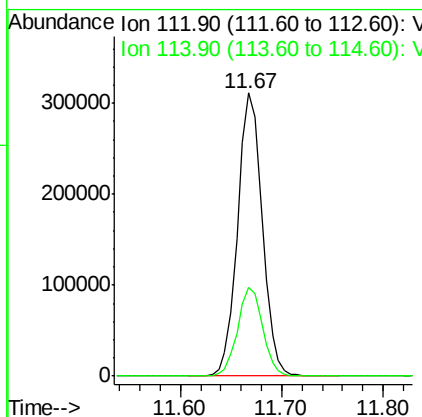
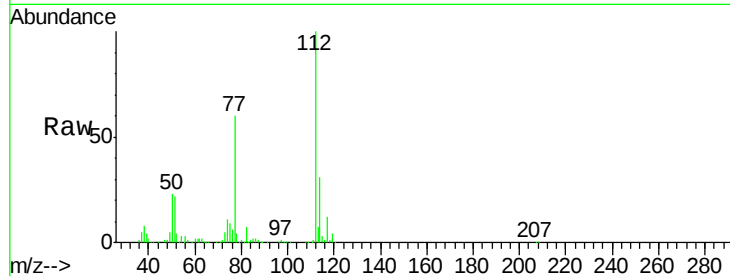
#65
Chlorobenzene
Concen: 45.840 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.7	38.5

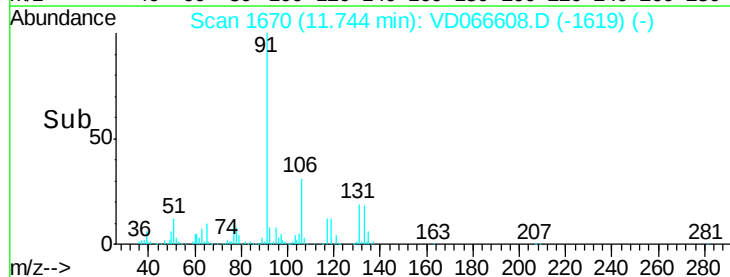
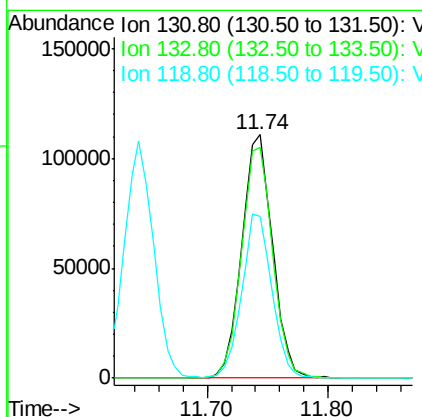
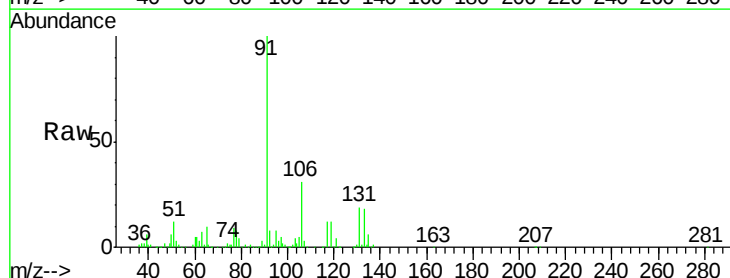
Manual Integrations
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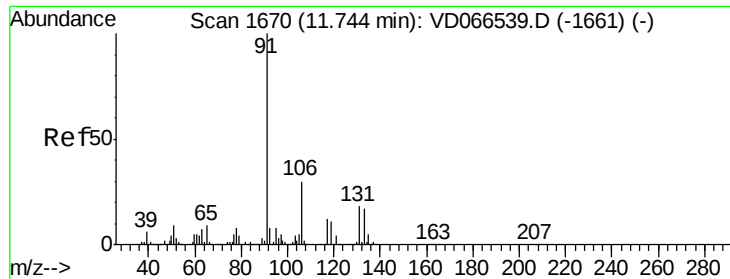
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#66
1,1,1,2-Tetrachloroethane
Concen: 44.932 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	46.7	140.0
119	65.9	31.9	95.7





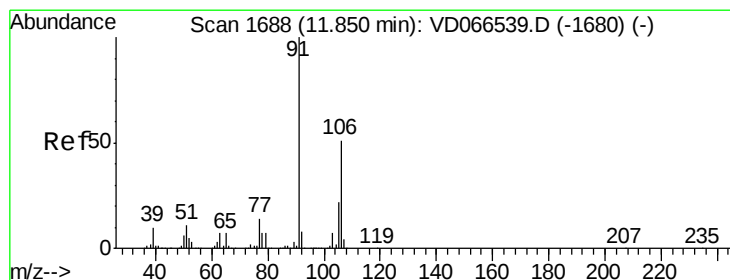
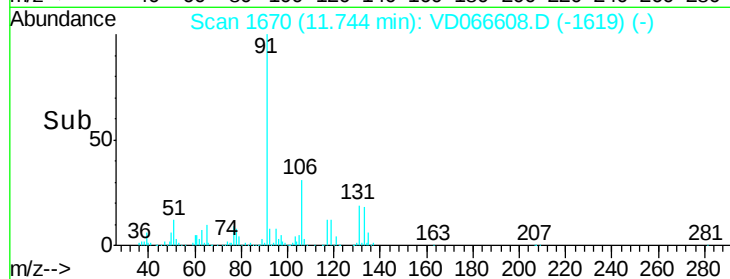
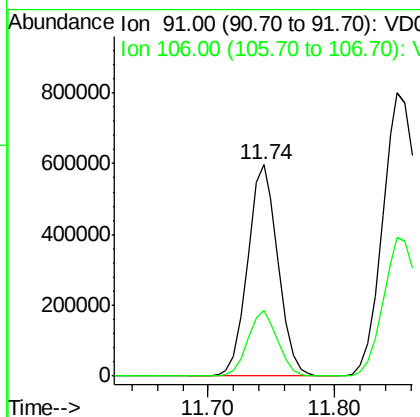
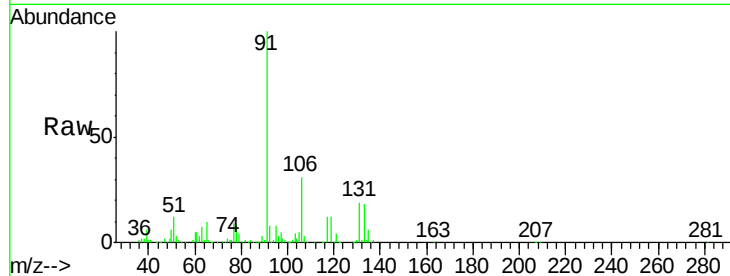
#67
Ethyl Benzene
Concen: 46.993 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.3	36.5

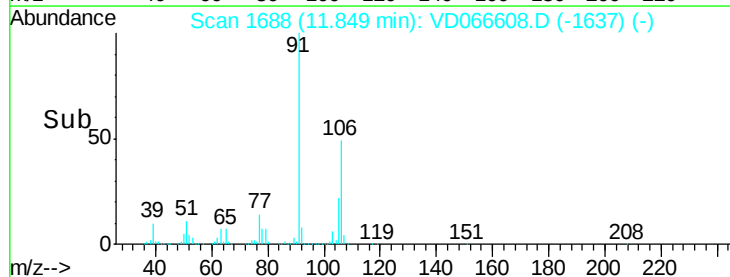
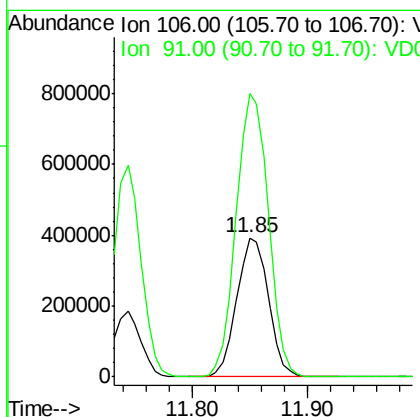
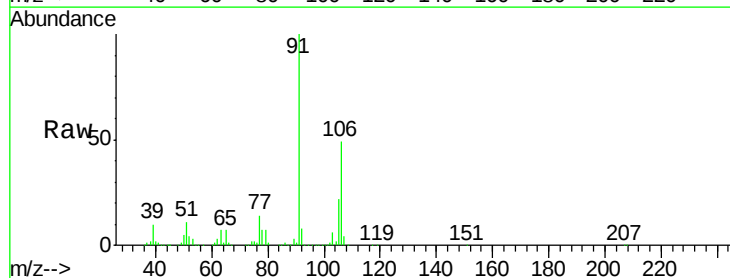
Manual Integrations
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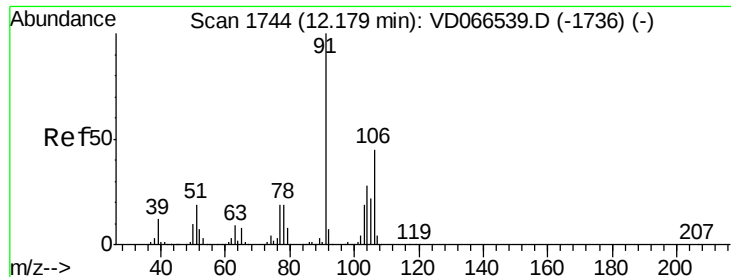
MMDadoda
9/11/2020 10:17:54 AM



#68
m/p-Xylenes
Concen: 95.663 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.9	162.4	243.6





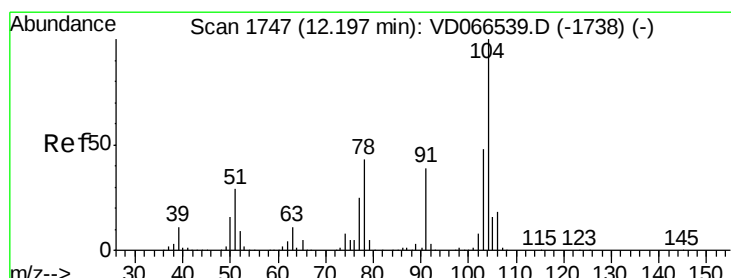
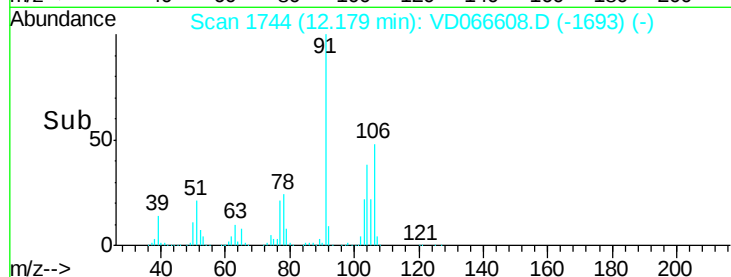
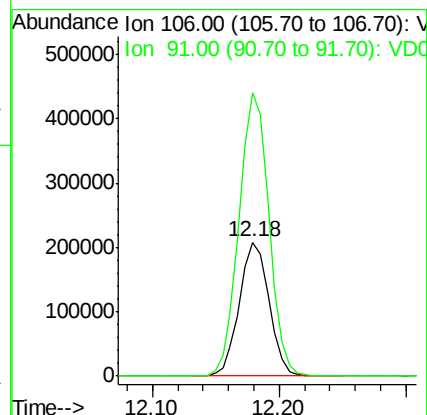
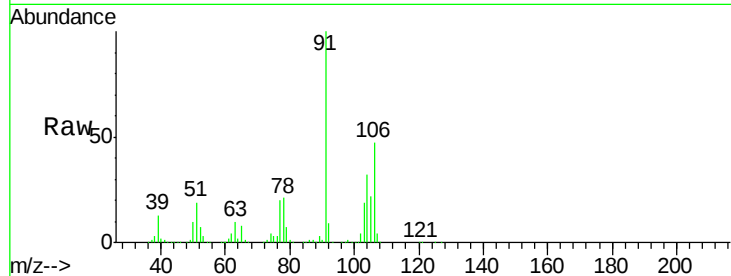
#69
o-Xylene
Concen: 48.022 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		337374		
91	213.4	107.9	323.8		

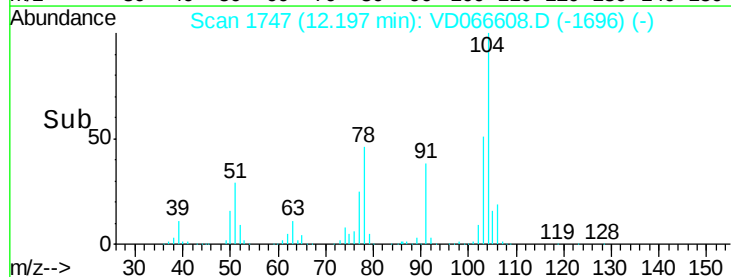
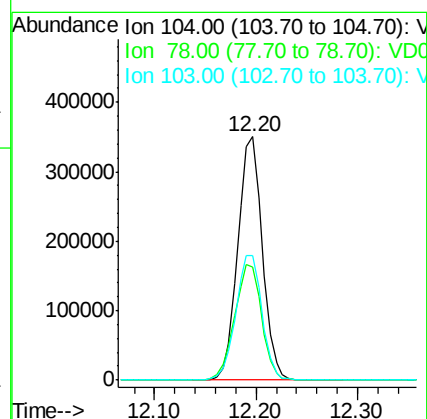
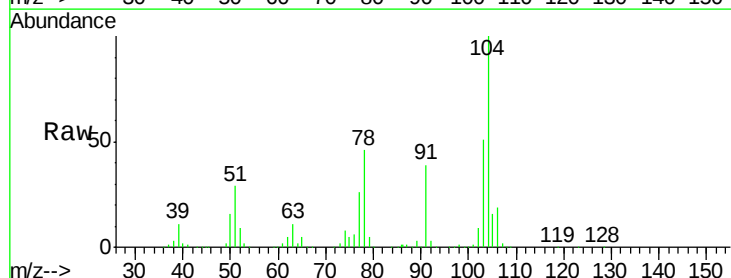
Manual Integrations
APPROVED

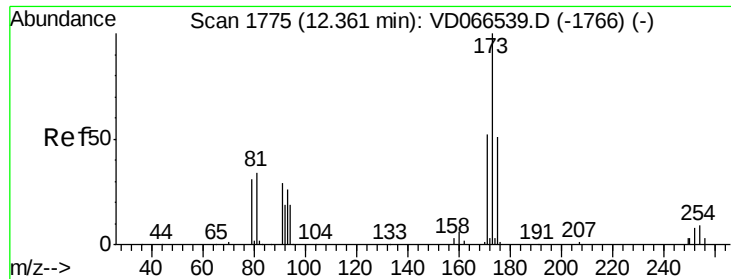
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#70
Styrene
Concen: 48.205 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		588769		
78	52.0	40.7	61.1		
103	54.8	42.9	64.3		





#71

Bromoform

Concen: 47.326 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

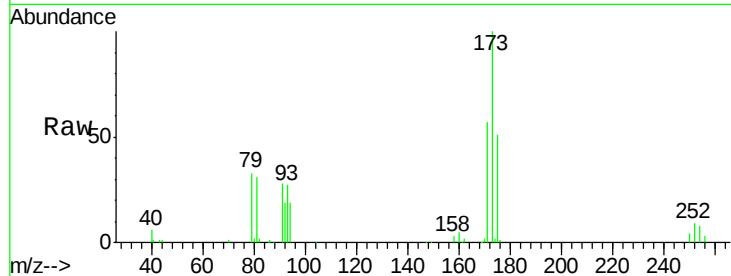
ClientSampleId :

VSTDCCC050

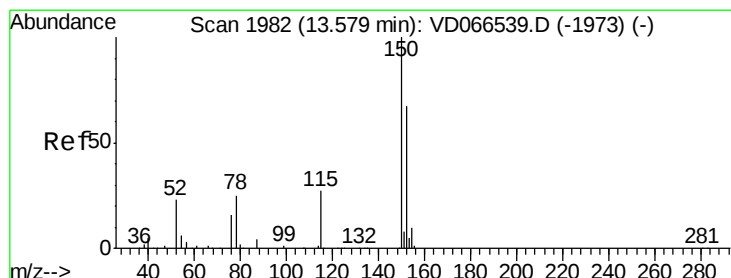
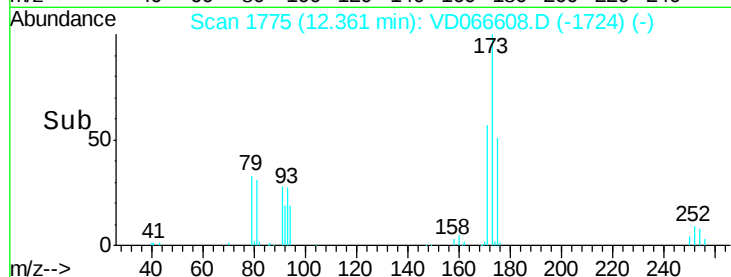
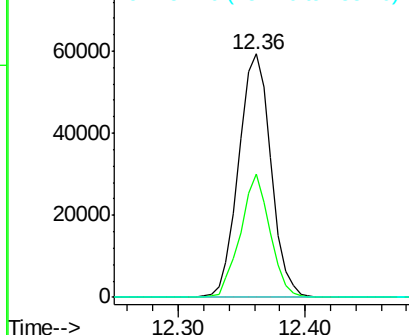
Tot Ion:	173	Resp:	104664
Ion Ratio	Lower	Upper	
173	100		
175	46.8	24.2	72.6
254	0.0	0.0	0.0

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

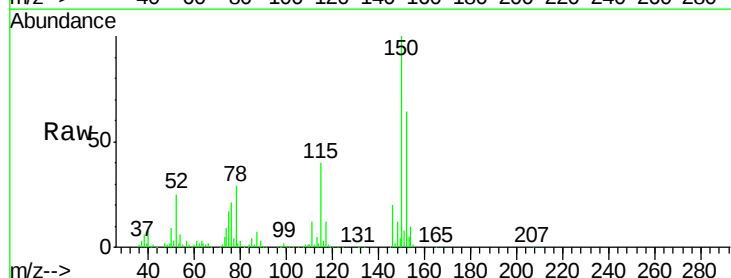
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

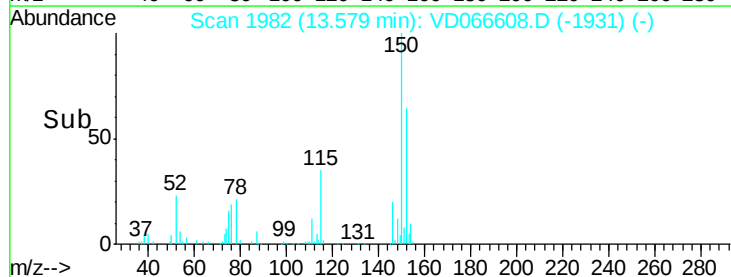
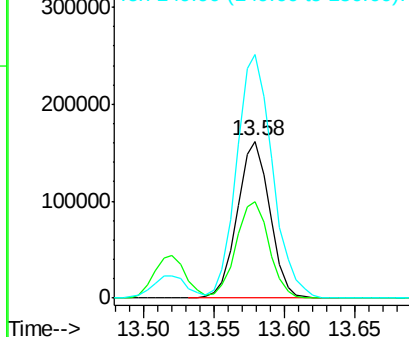
Lab File: VD066608.D

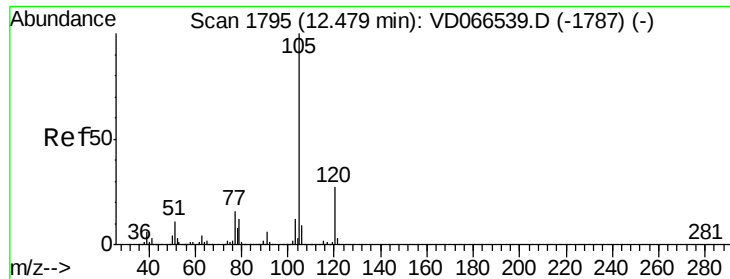
Acq: 10 Sep 2020 11:28

Tgt Ion:	152	Resp:	260108
Ion Ratio	Lower	Upper	
152	100		
115	62.6	30.4	91.2
150	172.1	0.0	345.8



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





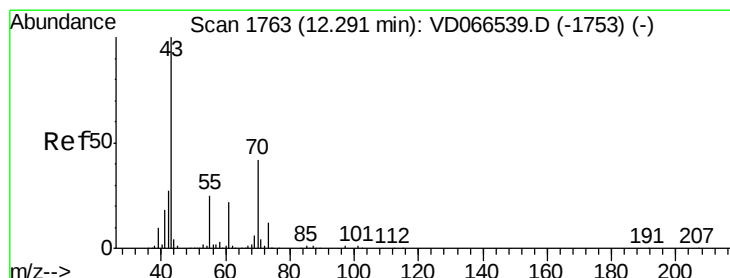
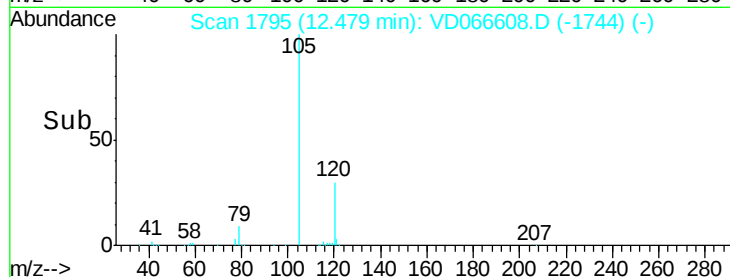
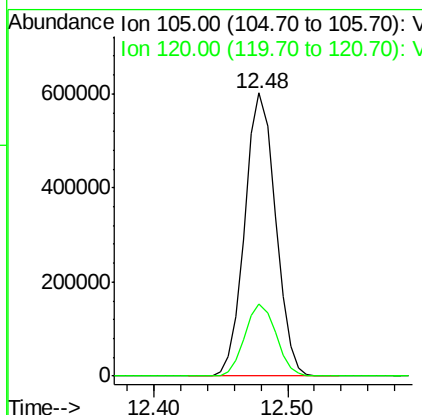
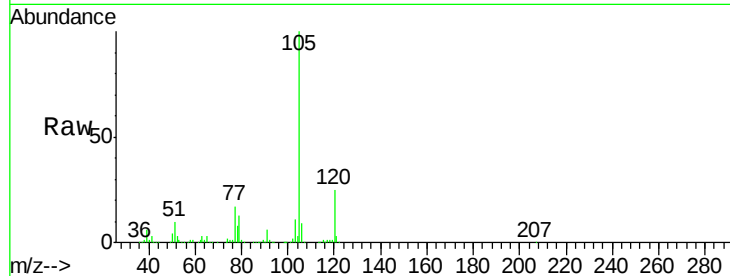
#73
Isopropylbenzene
Concen: 49.757 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.0	39.0

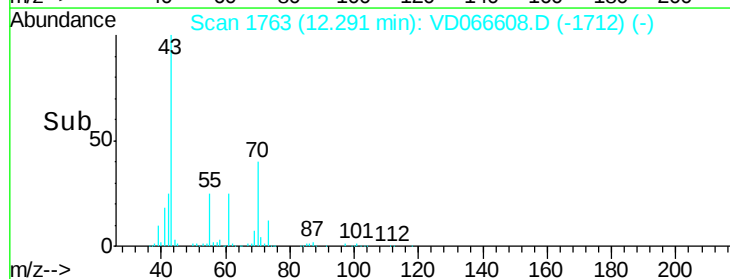
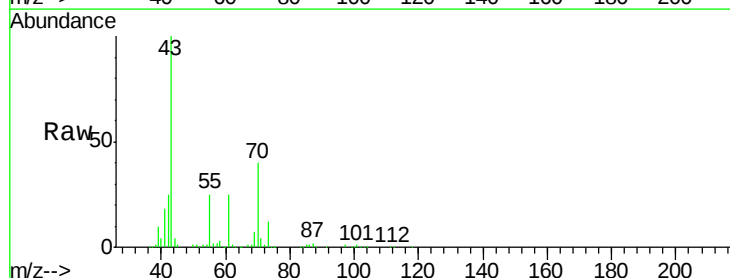
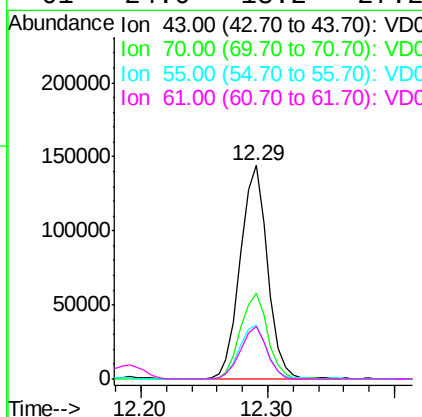
Manual Integrations
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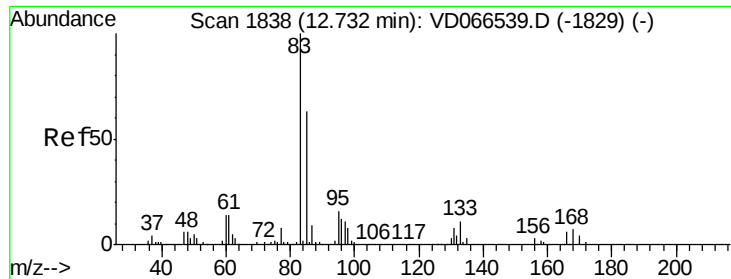
MMDadoda
9/11/2020 10:17:54 AM



#74
N-ethyl acetate
Concen: 49.459 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.4	33.4	50.2
55	25.7	20.1	30.1
61	24.0	18.2	27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.305 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

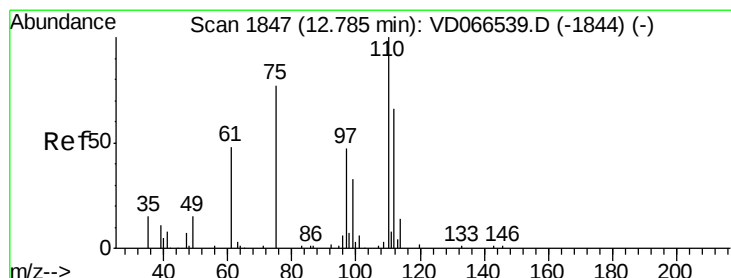
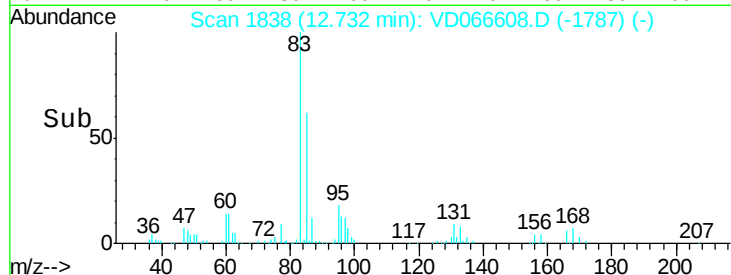
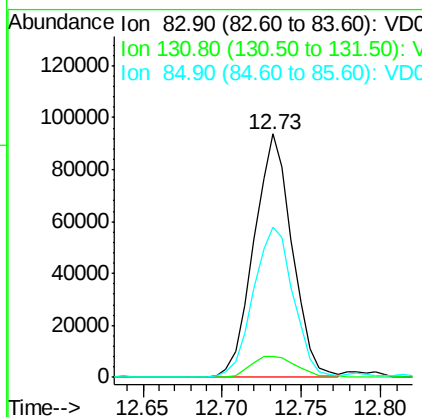
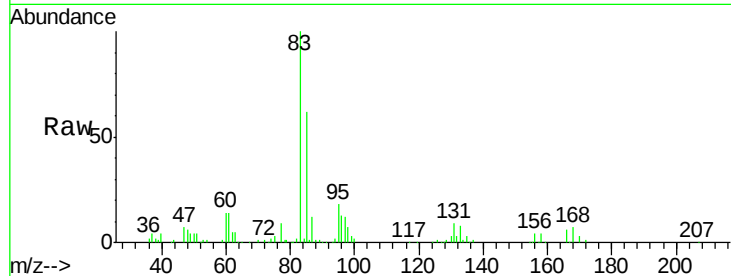
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	157542
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	64.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.153 ug/l m

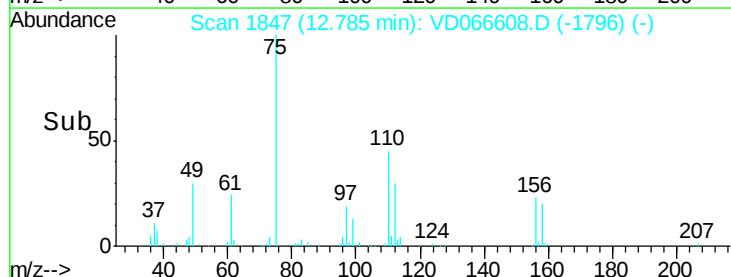
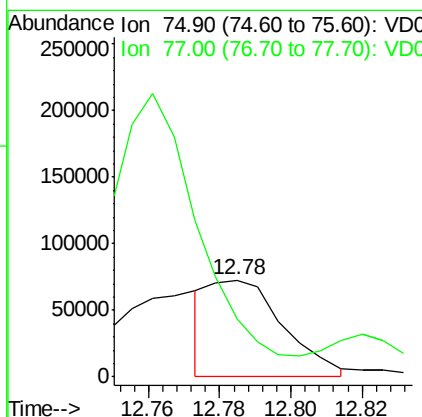
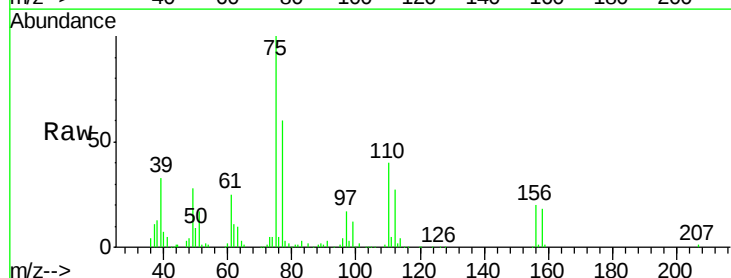
RT: 12.78 min Scan# 1847

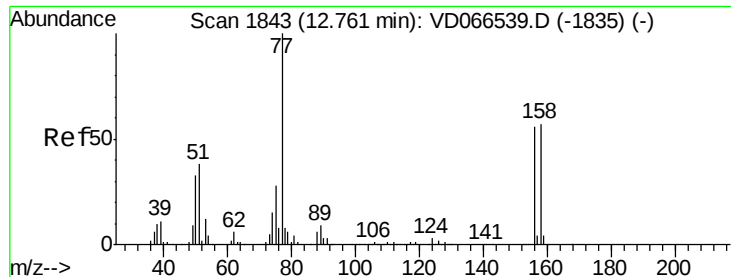
Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Tgt Ion:	75	Resp:	105447
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.415 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

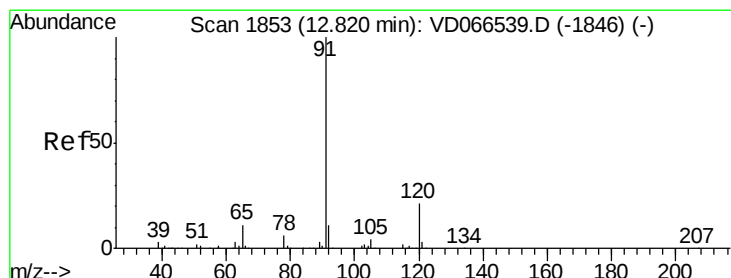
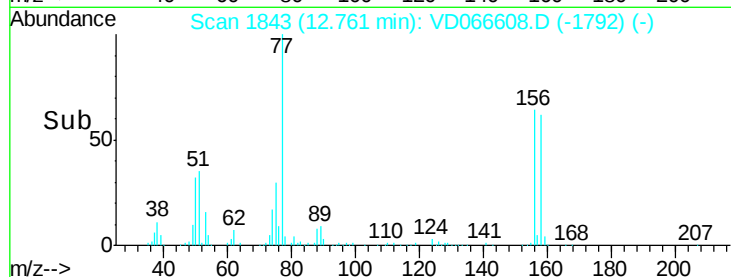
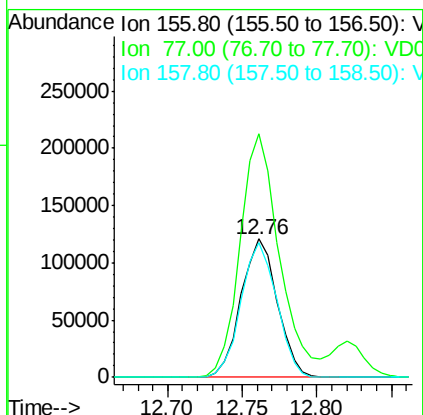
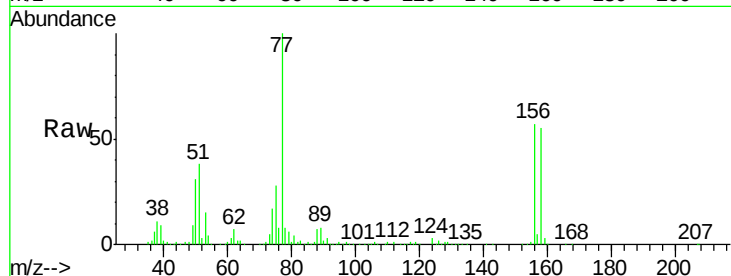
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	203576
Ion	Ratio	Lower	Upper
156	100		
77	191.4	98.0	294.1
158	96.0	48.1	144.3

Manual Integrations
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#78

n-propylbenzene

Concen: 49.597 ug/l

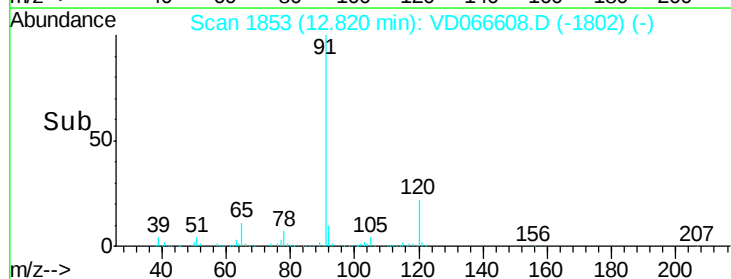
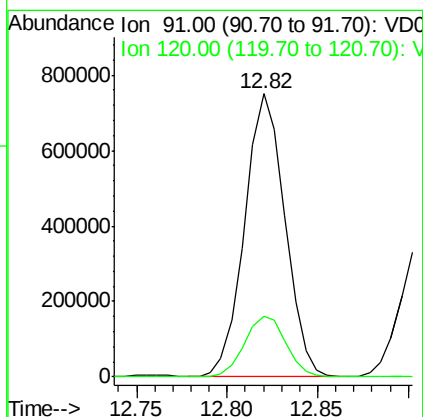
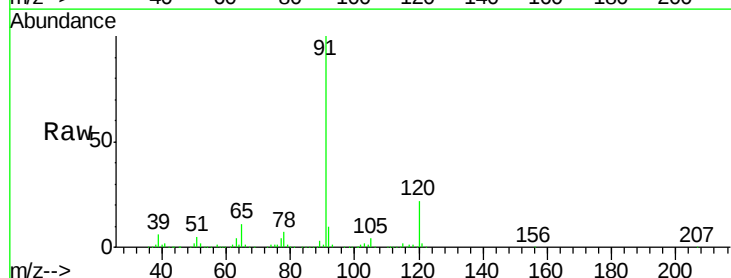
RT: 12.82 min Scan# 1853

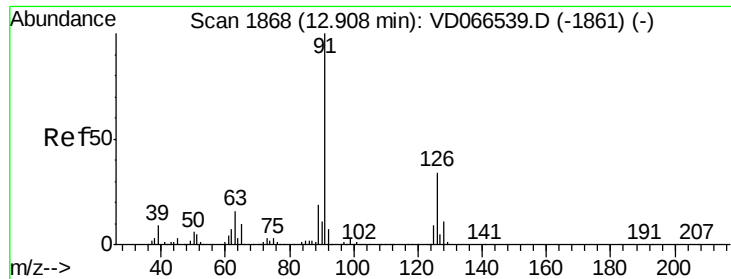
Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Tgt Ion:	91	Resp:	1157868
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





#79

2-Chlorotoluene

Concen: 47.541 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 622640

Ion Ratio Lower Upper

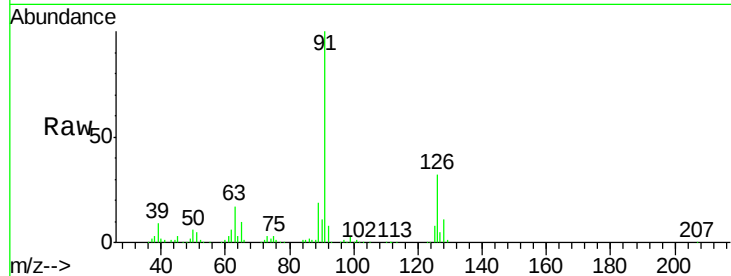
91 100

126 32.7 16.4 49.4

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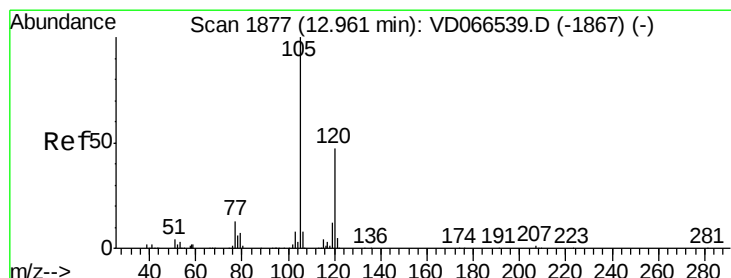
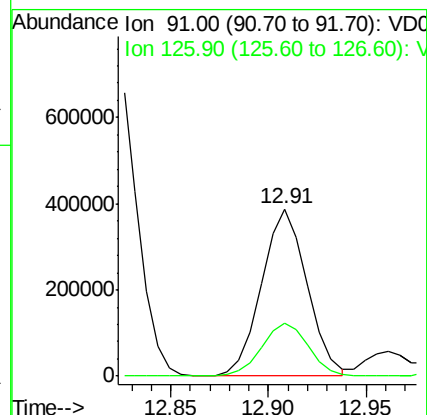
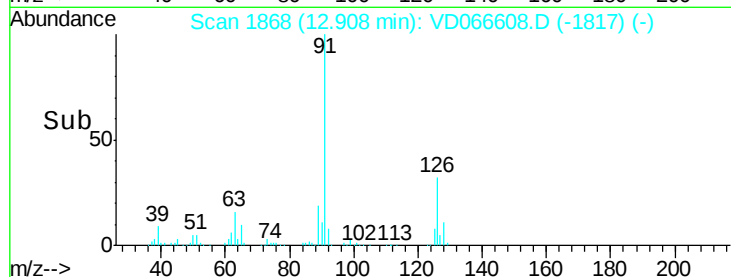
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Abundance Ion 91.00 (90.70 to 91.70): VD066608.D (-1817) (-)

Ion 125.90 (125.60 to 126.60): VD066608.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.313 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066608.D

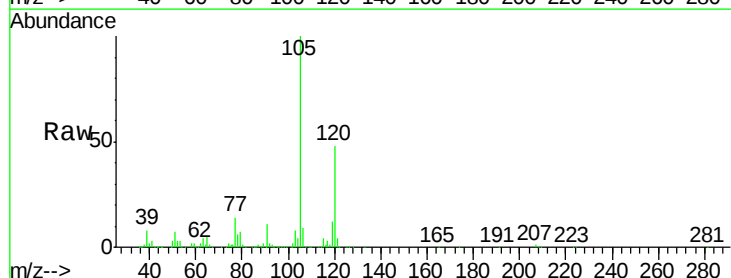
Acq: 10 Sep 2020 11:28

Tgt Ion: 105 Resp: 799320

Ion Ratio Lower Upper

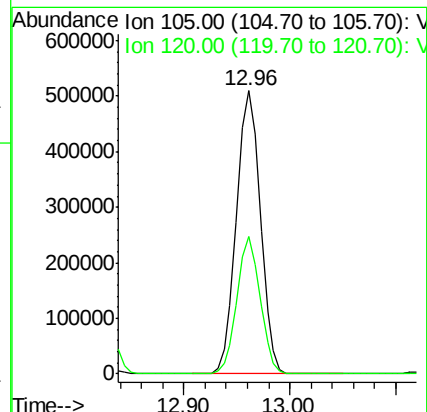
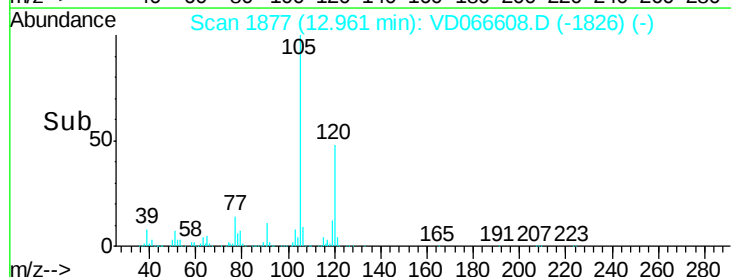
105 100

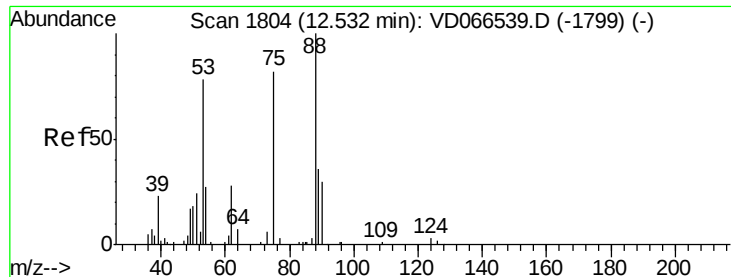
120 46.9 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VD066608.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066608.D (-1826) (-)





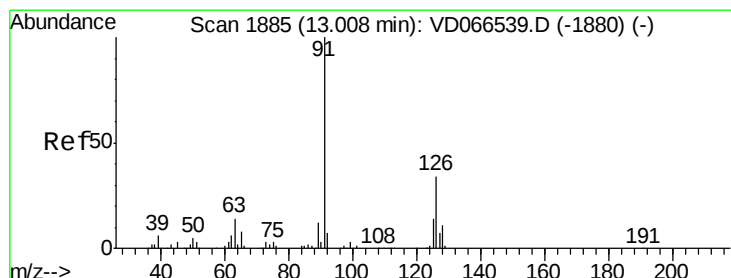
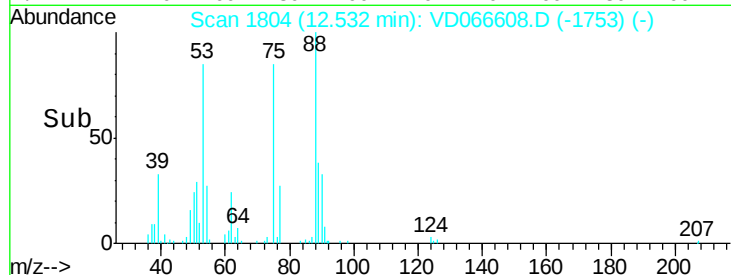
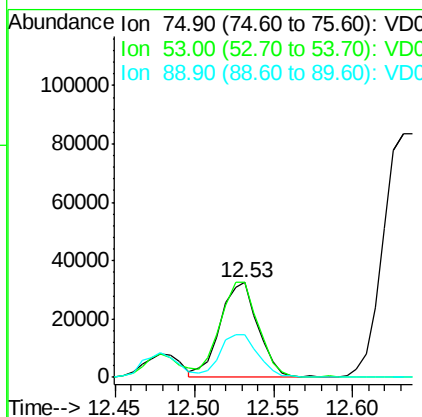
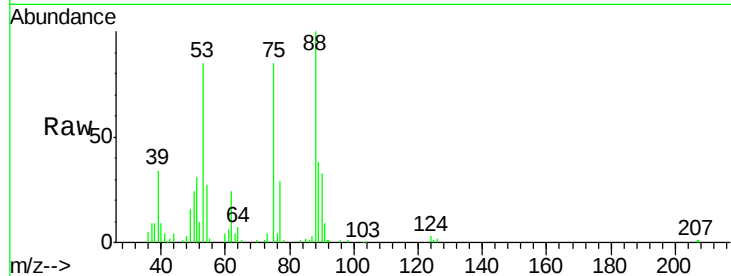
#81
trans-1,4-Dichloro-2-butene
Concen: 50.576 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	87.0	130.4
89	45.0	37.1	55.7

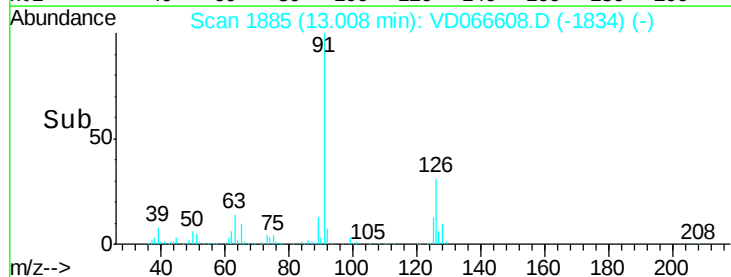
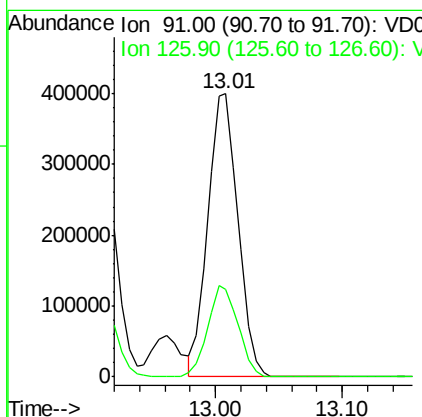
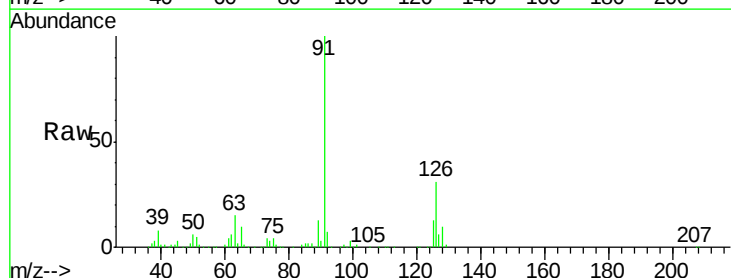
Manual Integrations
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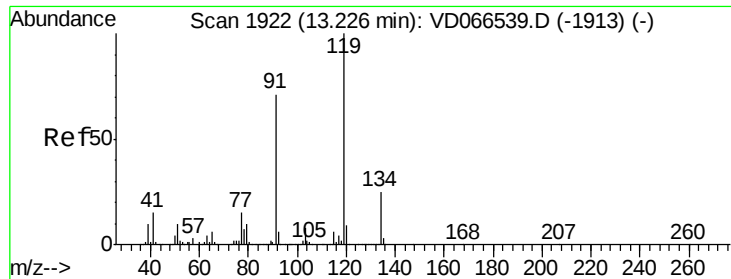
MMDadoda
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#82
4-Chlorotoluene
Concen: 47.300 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.1





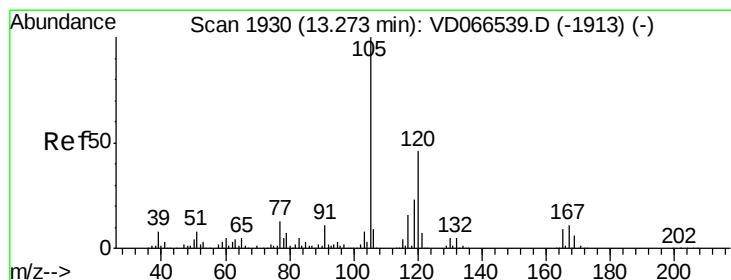
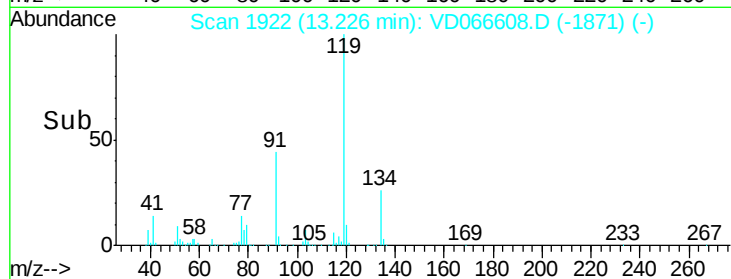
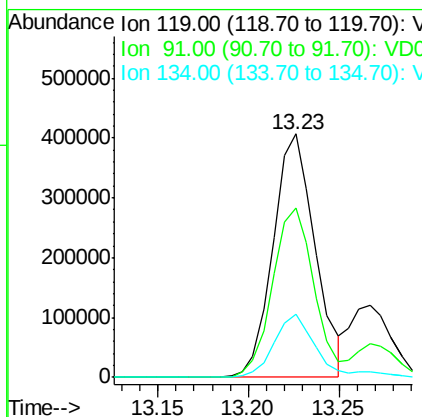
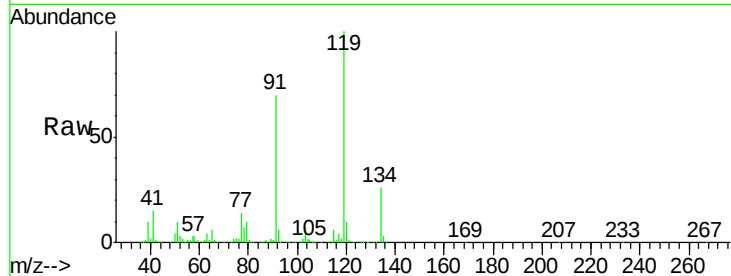
#83
tert-Butylbenzene
Concen: 49.761 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	658653		
91	69.9		35.2	105.6
134	24.6		13.5	40.5

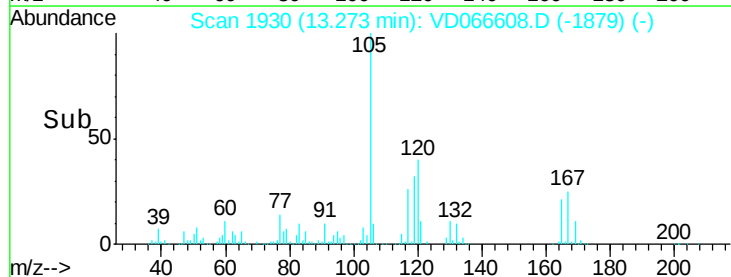
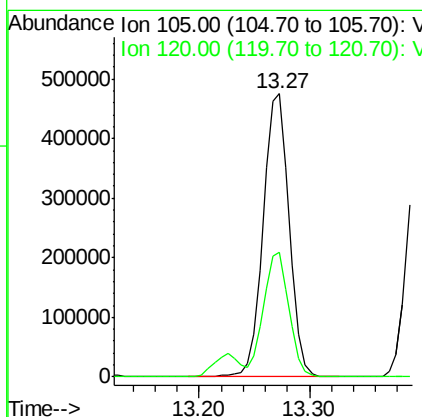
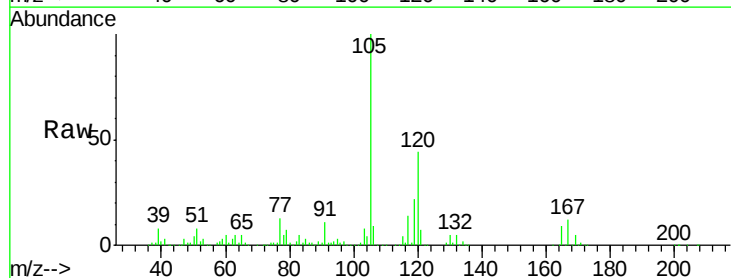
Manual Integrations
APPROVED

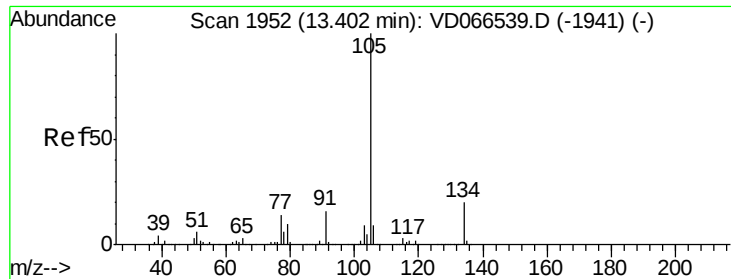
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 48.664 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	785331		
120	43.0		22.6	67.7





#85

sec-Butylbenzene

Concen: 49.665 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 947123

Ion Ratio Lower Upper

105 100

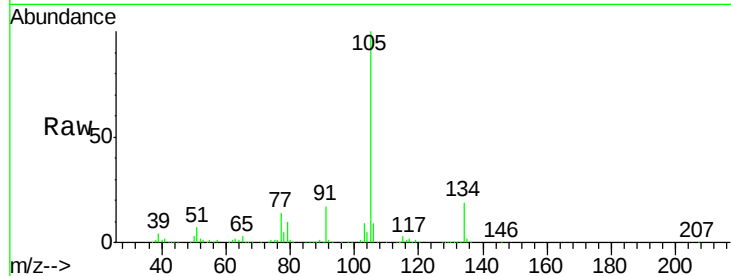
134 19.1 9.8 29.5

Manual Integrations

APPROVED

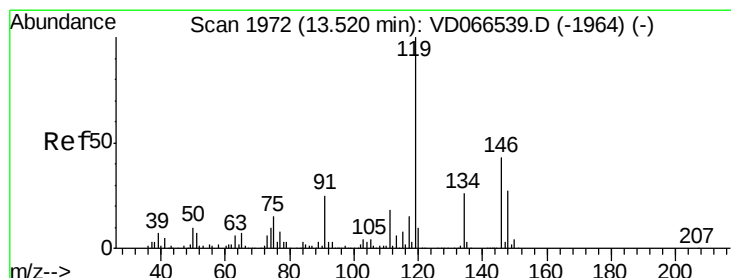
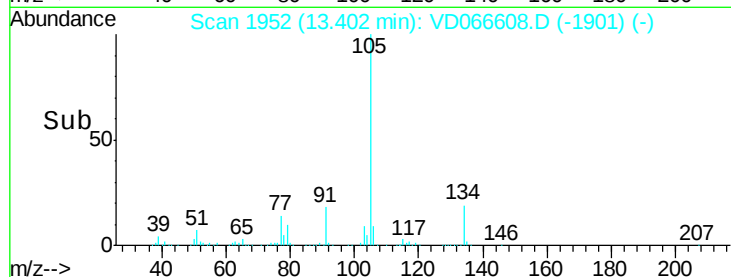
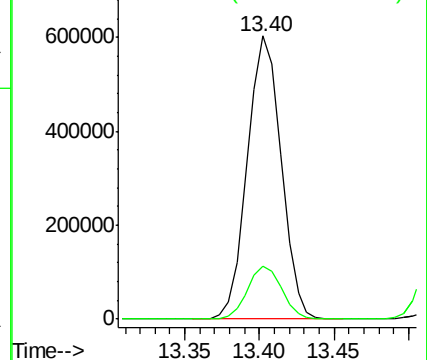
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.900 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066608.D

Acq: 10 Sep 2020 11:28

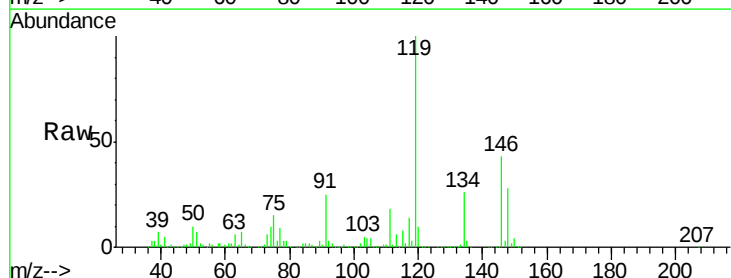
Tgt Ion:119 Resp: 856499

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

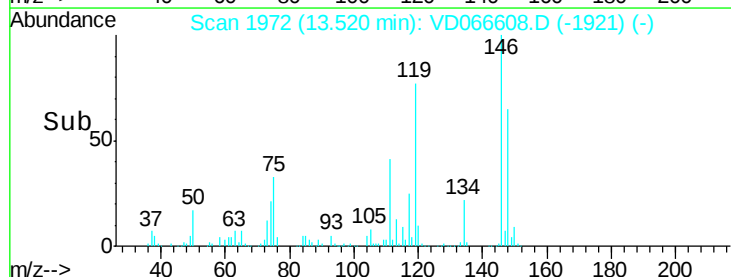
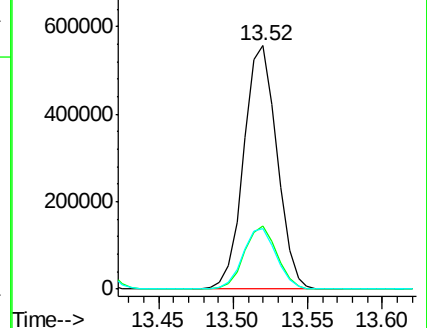
91 25.4 12.5 37.5

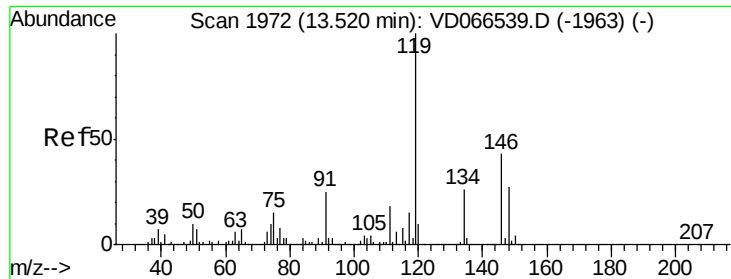


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





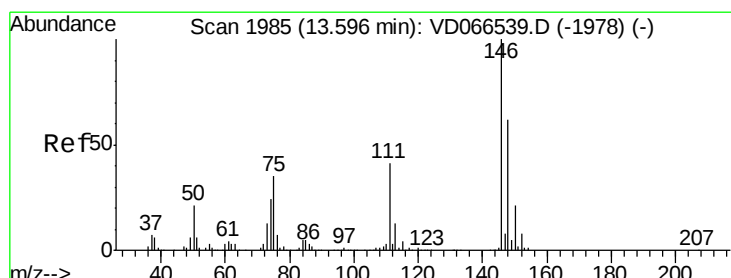
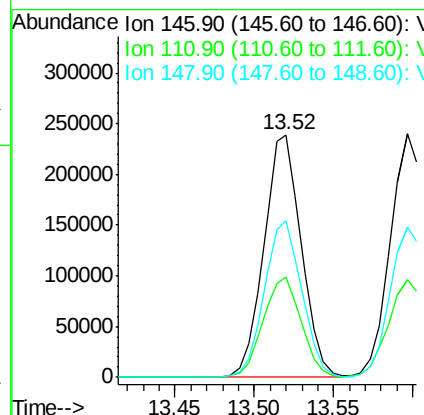
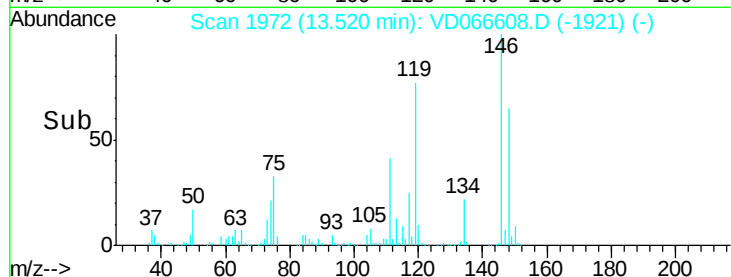
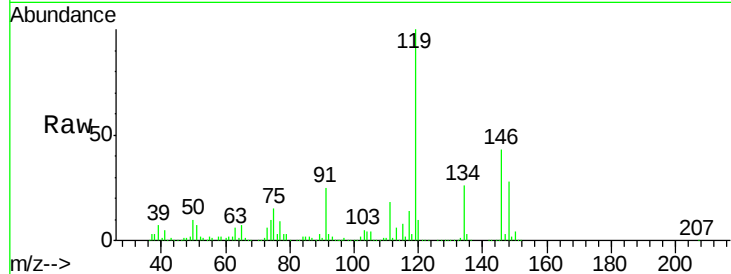
#87
 1,3-Dichlorobenzene
 Concen: 45.930 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	391496		
111	42.1	20.6	61.9	
148	64.6	32.1	96.3	

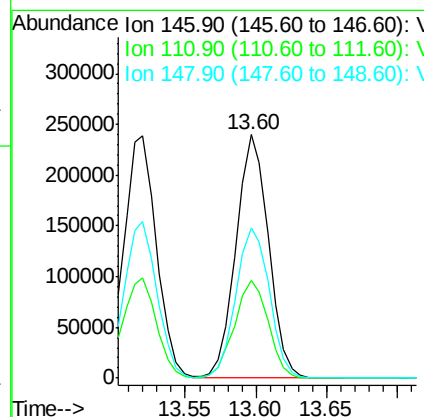
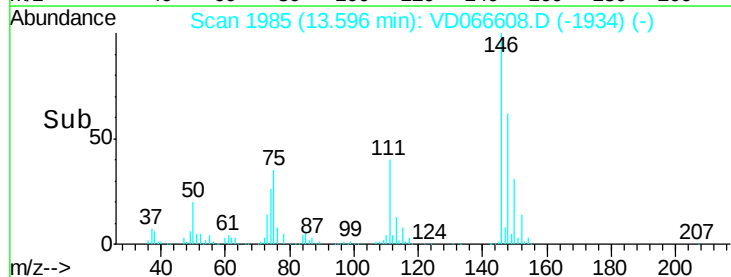
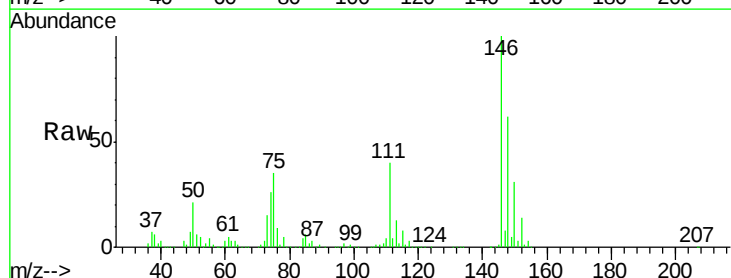
Manual Integrations
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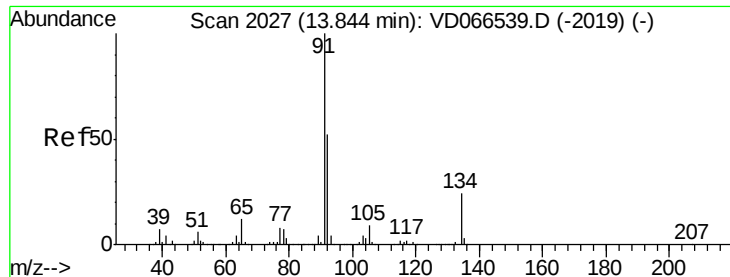
MMDadoda
 9/11/2020 10:17:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.195 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	386647		
111	41.8	20.1	60.2	
148	63.6	31.6	94.8	





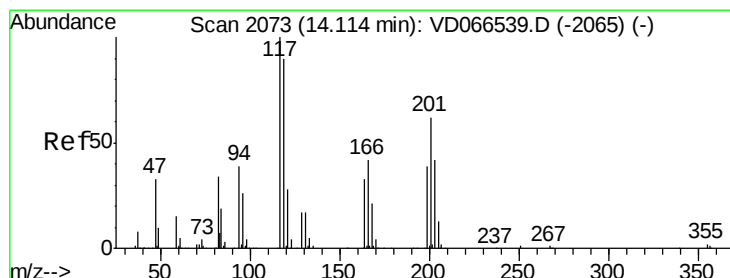
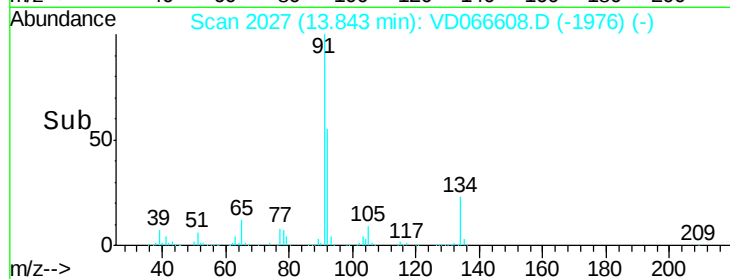
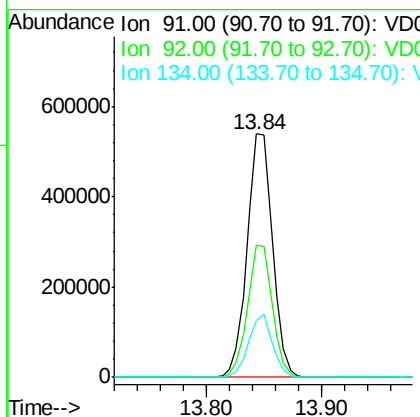
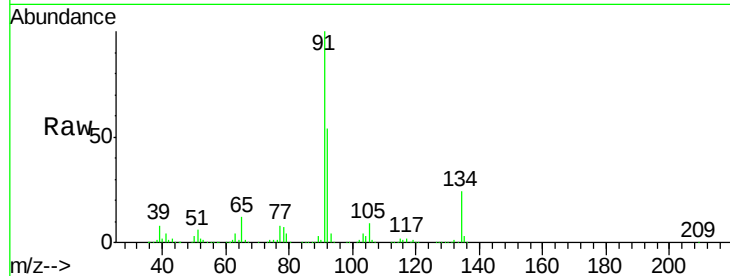
#89
n-Butylbenzene
Concen: 49.465 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	827377		
92	52.9		26.5	79.5
134	24.3		12.1	36.3

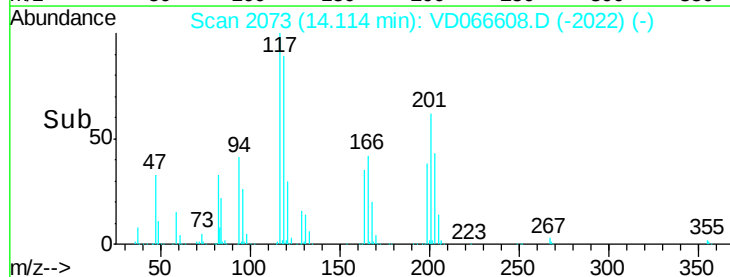
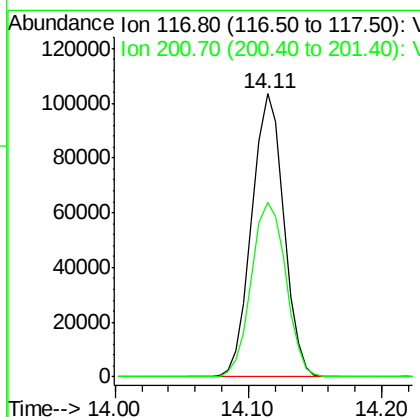
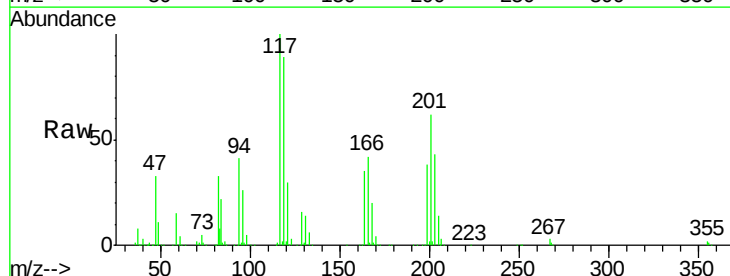
Manual Integrations
APPROVED

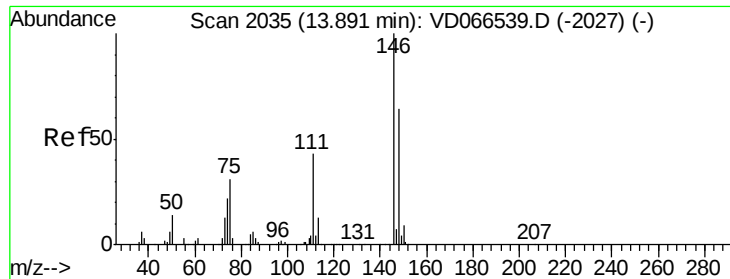
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9/11/2020 10:17:54 AM



#90
Hexachloroethane
Concen: 46.395 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	171587		
201	66.1		31.9	95.5





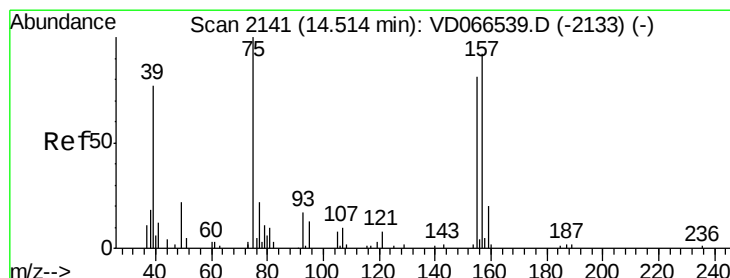
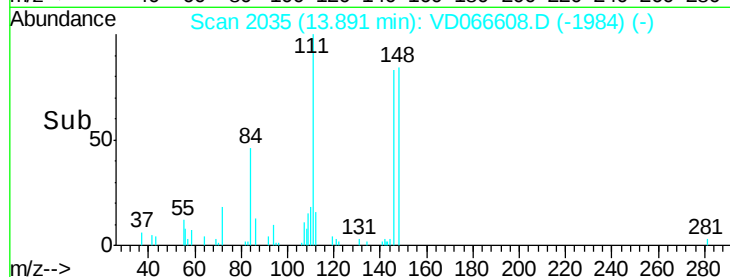
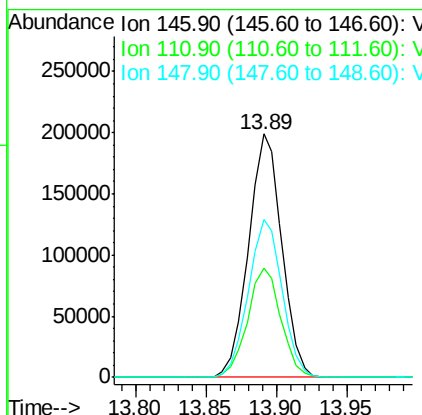
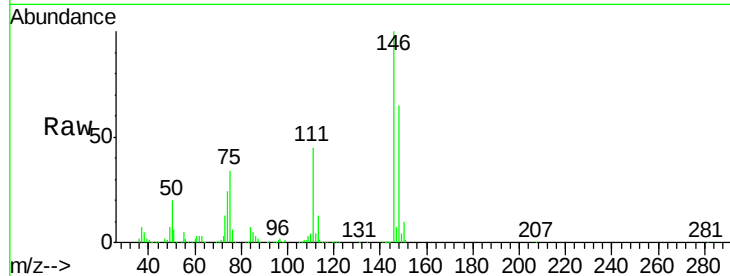
#91
 1,2-Dichlorobenzene
 Concen: 44.226 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.1	63.4
148	66.0	31.8	95.3

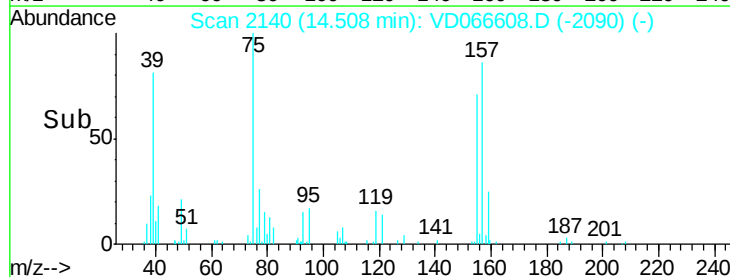
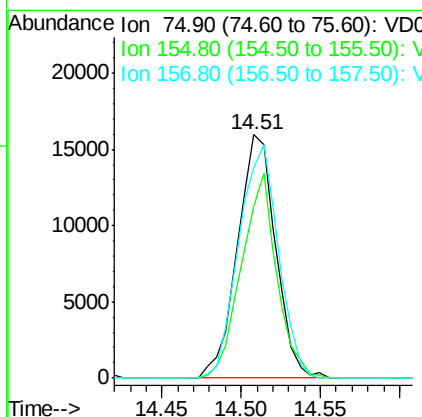
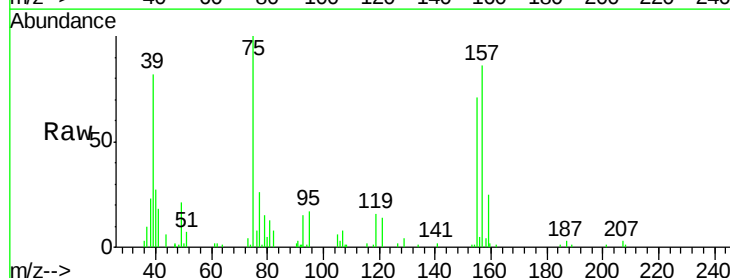
Manual Integrations
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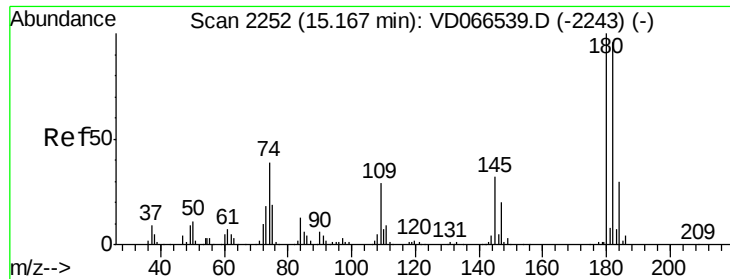
MMDadoda
 9/11/2020 10:17:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.142 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	39.3	117.8
157	99.2	46.0	137.8





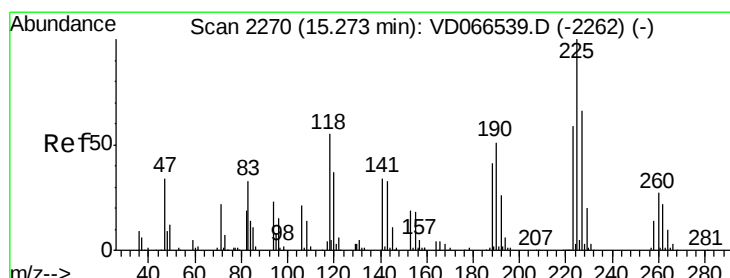
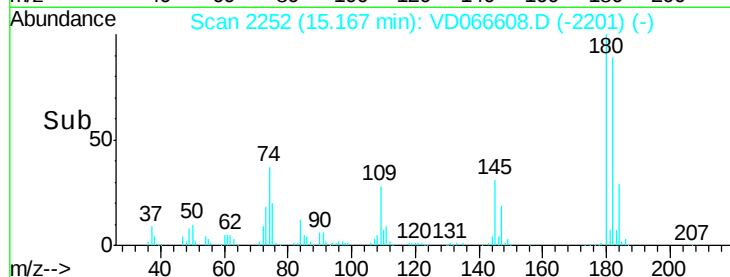
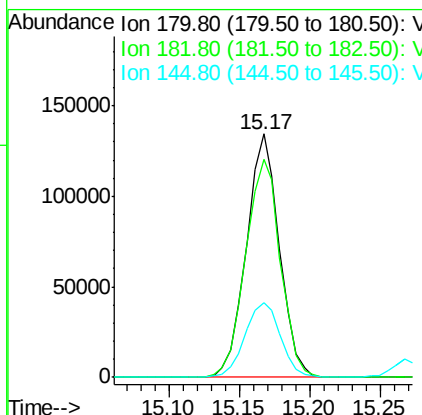
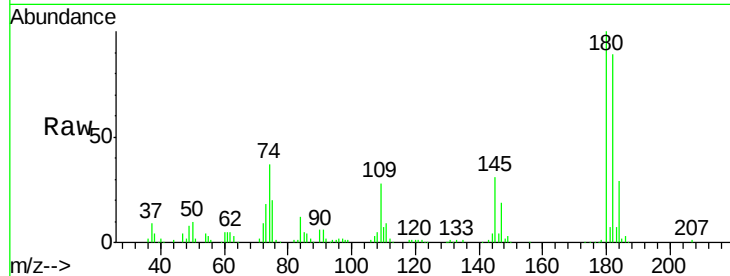
#93
 1,2,4-Trichlorobenzene
 Concen: 49.172 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	219862		
182	94.3	48.4	145.0	
145	33.0	16.7	50.0	

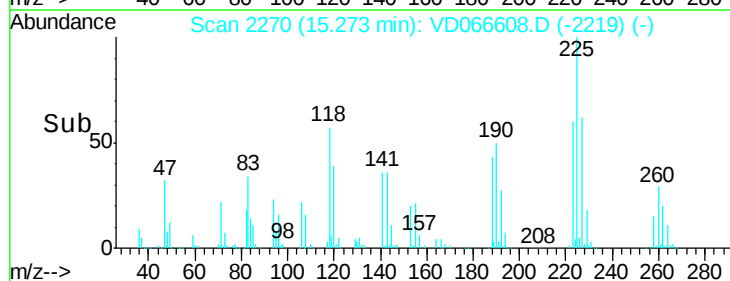
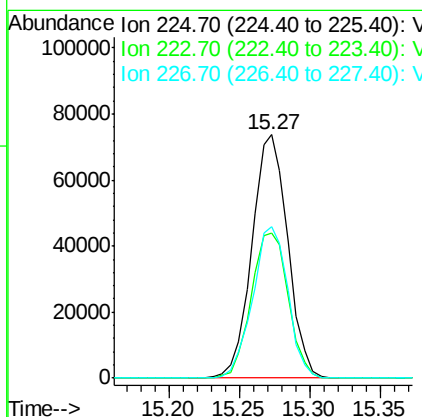
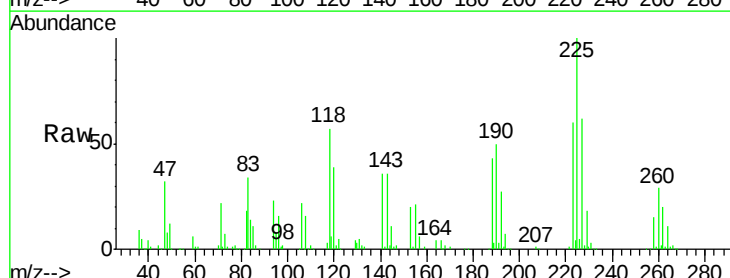
Manual Integrations
 APPROVED

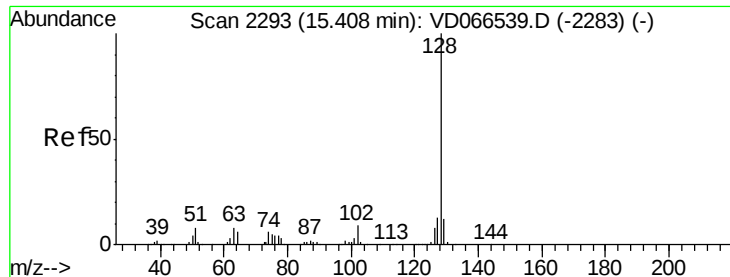
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 9/11/2020 10:17:54 AM



#94
 Hexachlorobutadiene
 Concen: 48.741 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066608.D
 Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	130929		
223	62.0	30.5	91.5	
227	61.5	32.4	97.2	





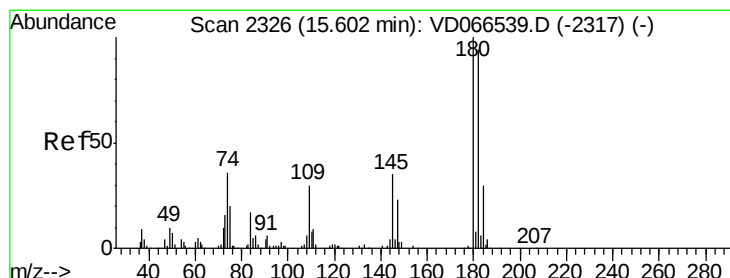
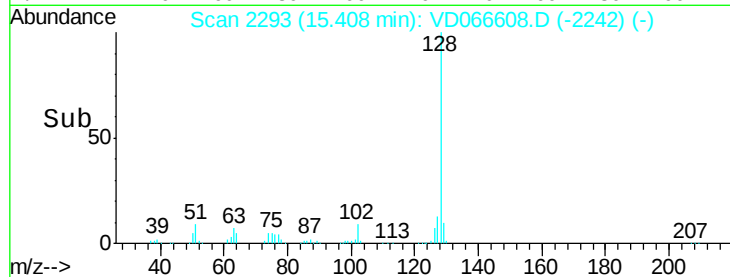
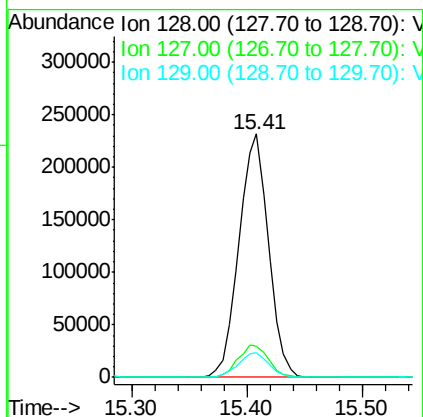
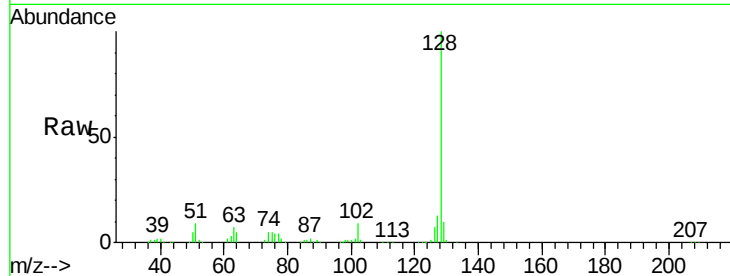
#95
Naphthalene
Concen: 52.522 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.7	16.1
129	10.6	9.1	13.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 49.854 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066608.D
Acq: 10 Sep 2020 11:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	35.5	17.3	51.7

