

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066755.D
 Acq On : 17 Sep 2020 20:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:18:21 PM

Quant Time: Sep 18 02:23:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	649393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	611603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	222170	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
35) Dibromofluoromethane	7.91	113	215253	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.34	98	768031	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
62) 4-Bromofluorobenzene	12.63	95	261050	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	130937	46.170	ug/l	99
3) Chloromethane	2.21	50	193676	46.838	ug/l	97
4) Vinyl Chloride	2.35	62	190249	43.962	ug/l	94
5) Bromomethane	2.77	94	137146	44.674	ug/l	97
6) Chloroethane	2.92	64	123373	45.762	ug/l #	87
7) Trichlorofluoromethane	3.27	101	336294	44.990	ug/l	99
8) Diethyl Ether	3.71	74	102835	54.941	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	184718	44.967	ug/l	99
10) Methyl Iodide	4.30	142	183813	47.161	ug/l	100
11) Tert butyl alcohol	5.22	59	74130	293.579	ug/l	98
12) 1,1-Dichloroethene	4.07	96	182093	47.892	ug/l	97
13) Acrolein	3.93	56	74906	261.970	ug/l	99
14) Allyl chloride	4.72	41	305123	49.970	ug/l	99
15) Acrylonitrile	5.42	53	232286	283.294	ug/l	99
16) Acetone	4.16	43	184957	224.029	ug/l	100
17) Carbon Disulfide	4.41	76	593954	49.714	ug/l	99
18) Methyl Acetate	4.72	43	104657	60.121	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	479720	56.645	ug/l	98
20) Methylene Chloride	4.97	84	237566	54.141	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	229083	51.715	ug/l	97
22) Diisopropyl ether	6.36	45	683197	55.065	ug/l	95
23) Vinyl Acetate	6.31	43	1990847	288.469	ug/l	96
24) 1,1-Dichloroethane	6.26	63	406934	51.686	ug/l	99
25) 2-Butanone	7.21	43	292494	272.077	ug/l	96
26) 2,2-Dichloropropane	7.21	77	318887	43.800	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	256983	53.028	ug/l	99
28) Bromochloromethane	7.55	49	159767	54.328	ug/l	98
29) Tetrahydrofuran	7.56	42	192169	292.163	ug/l	95
30) Chloroform	7.71	83	440823	52.608	ug/l	99
31) Cyclohexane	7.98	56	327240	45.695	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	380394	49.610	ug/l	99
36) 1,1-Dichloropropene	8.11	75	317043	47.485	ug/l	99
37) Ethyl Acetate	7.29	43	135720	53.695	ug/l	97
38) Carbon Tetrachloride	8.09	117	326411	46.036	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	358357	46.924	ug/l	99
40) Benzene	8.35	78	918062	50.825	ug/l	99
41) Methacrylonitrile	7.53	41	71251m	53.246	ug/l	
42) 1,2-Dichloroethane	8.42	62	282439	50.470	ug/l	98
43) Isopropyl Acetate	8.45	43	261863	55.041	ug/l	99
44) Trichloroethene	9.11	130	240977	49.896	ug/l	97
45) 1,2-Dichloropropane	9.38	63	234674	52.552	ug/l	98
46) Dibromomethane	9.47	93	133572	54.434	ug/l	99
47) Bromodichloromethane	9.66	83	348312	52.092	ug/l	99
48) Methyl methacrylate	9.45	41	128559	53.125	ug/l	92
49) 1,4-Dioxane	9.46	88	30145	1146.839	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	692457	282.711	ug/l	99
52) Toluene	10.40	92	600014	51.853	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	308129	51.585	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	367557	51.807	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	171405	52.980	ug/l	96
56) Ethyl methacrylate	10.66	69	215781	58.773	ug/l	98
57) 1,3-Dichloropropane	10.94	76	301417	53.088	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	447368	277.444	ug/l	98
59) 2-Hexanone	10.98	43	464259	282.096	ug/l	97
60) Dibromochloromethane	11.14	129	228874	54.293	ug/l	99
61) 1,2-Dibromoethane	11.24	107	171625	55.301	ug/l	99
64) Tetrachloroethene	10.87	164	197654	47.342	ug/l	94
65) Chlorobenzene	11.67	112	626013	49.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	239415	51.244	ug/l	98
67) Ethyl Benzene	11.74	91	1134230	49.451	ug/l	100
68) m/p-Xylenes	11.85	106	865369	99.826	ug/l	98
69) o-Xylene	12.18	106	400801	52.320	ug/l	97
70) Styrene	12.20	104	701177	52.005	ug/l	99
71) Bromoform	12.36	173	122747	52.350	ug/l #	99
73) Isopropylbenzene	12.48	105	1074894	51.545	ug/l	100
74) N-amyl acetate	12.29	43	238216	54.153	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	185375	52.313	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	119358m	49.918	ug/l	
77) Bromobenzene	12.76	156	241114	50.165	ug/l	99
78) n-propylbenzene	12.82	91	1267234	49.850	ug/l	98
79) 2-Chlorotoluene	12.91	91	715939	49.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	889244	50.433	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	56042	50.583	ug/l	99
82) 4-Chlorotoluene	13.01	91	752567	49.515	ug/l	99
83) tert-Butylbenzene	13.23	119	739948	50.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	909617	51.621	ug/l	99
85) sec-Butylbenzene	13.40	105	1037927	49.818	ug/l	99
86) p-Isopropyltoluene	13.52	119	952937	50.311	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	468903	50.850	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	454387	49.484	ug/l	99
89) n-Butylbenzene	13.84	91	883231	49.039	ug/l	97
90) Hexachloroethane	14.11	117	193282	49.674	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	402045	50.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30323	52.936	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	251082	52.540	ug/l	99
94) Hexachlorobutadiene	15.27	225	132514	46.024	ug/l	99
95) Naphthalene	15.40	128	499804	59.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	218110	52.253	ug/l	98

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

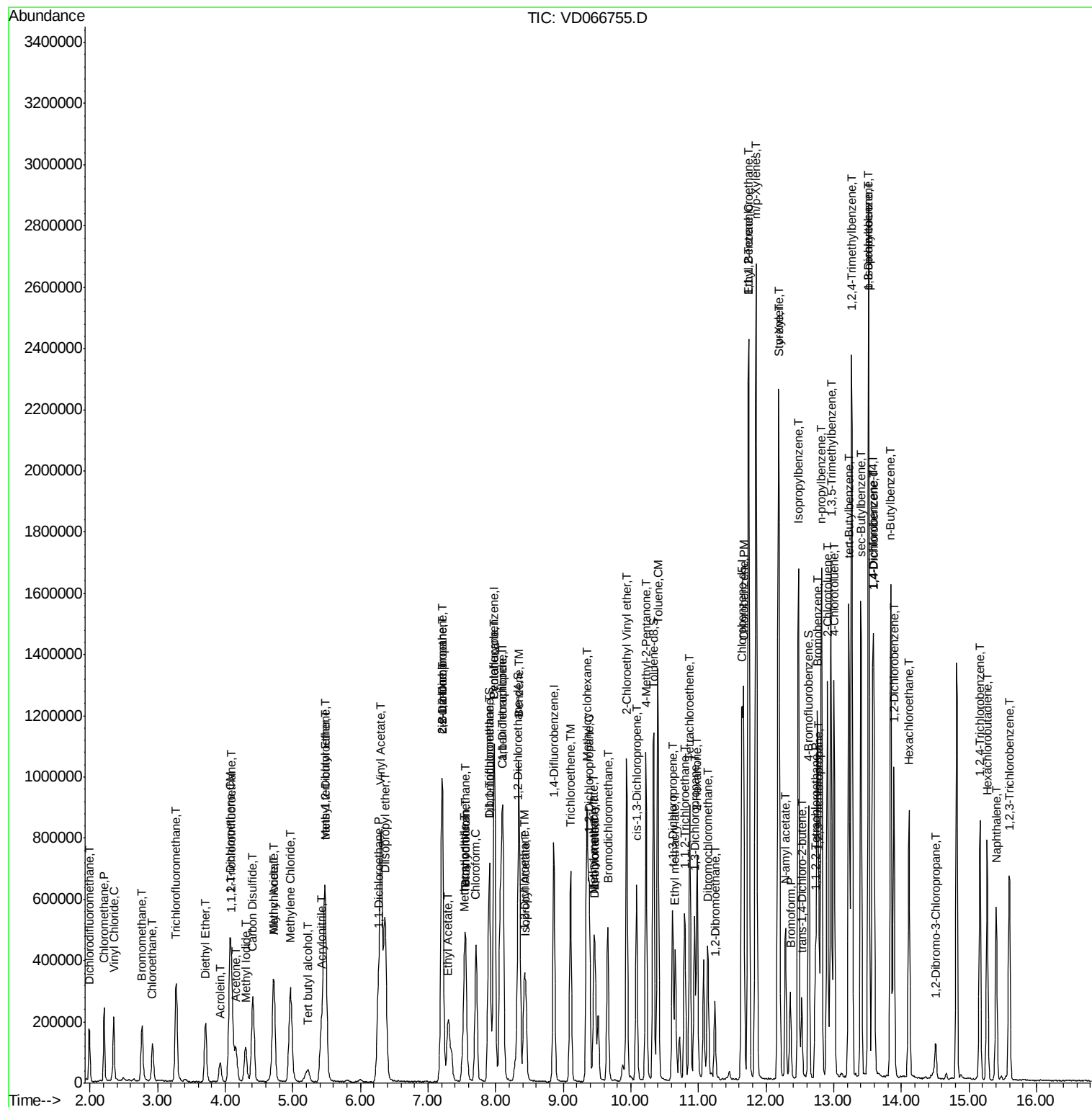
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Operator : VA/SY
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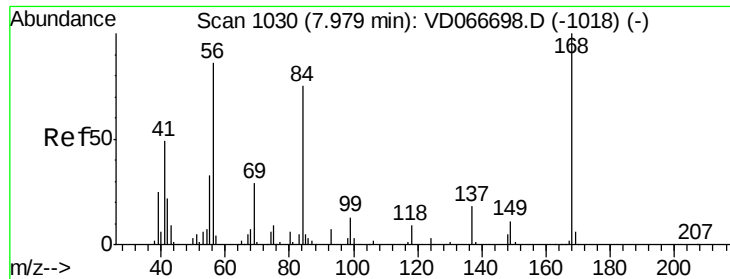
Instrument :
MSVOA_D
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 379984

Ion Ratio Lower Upper

168 100

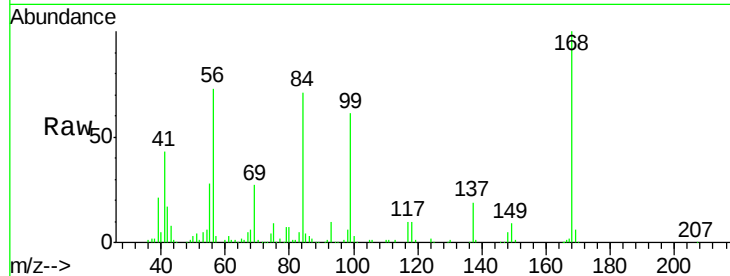
99 60.5 54.4 81.6

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

7.98

150000

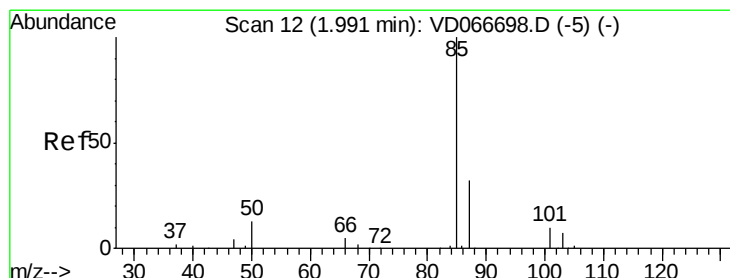
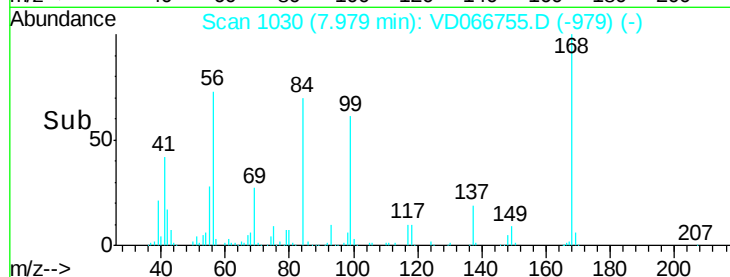
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.170 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD066755.D

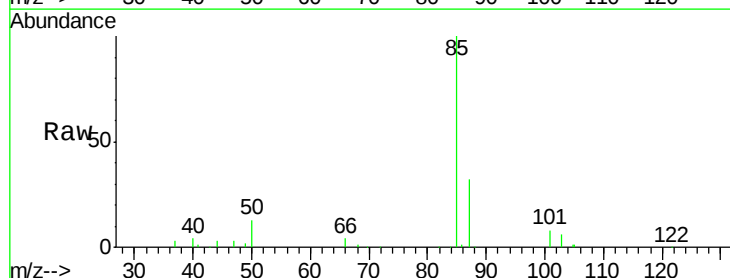
Acq: 17 Sep 2020 20:08

Tgt Ion: 85 Resp: 130937

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

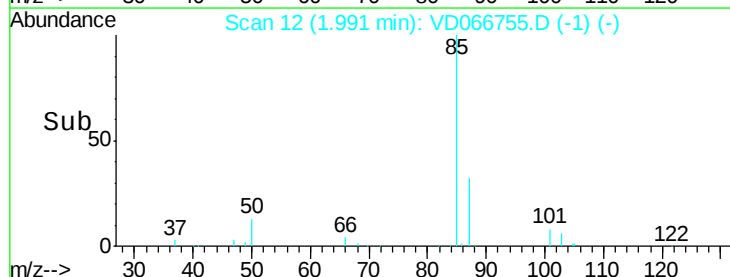
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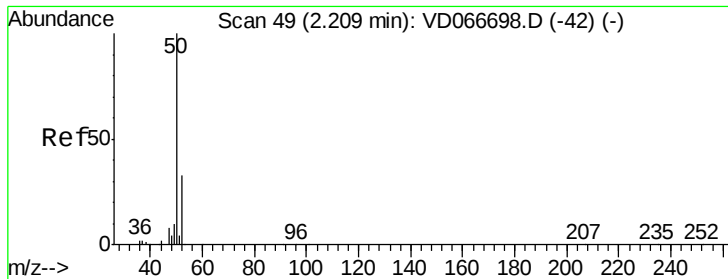
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0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 46.838 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 193676

Ion Ratio Lower Upper

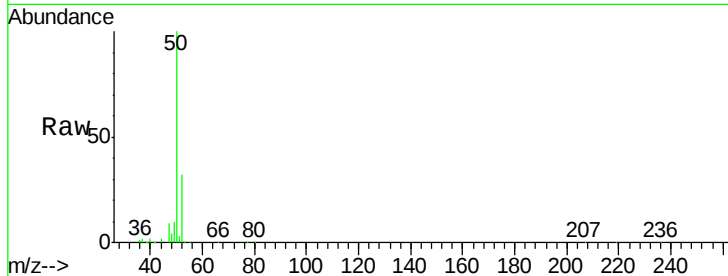
50 100

52 31.9 26.8 40.2

Manual Integrations
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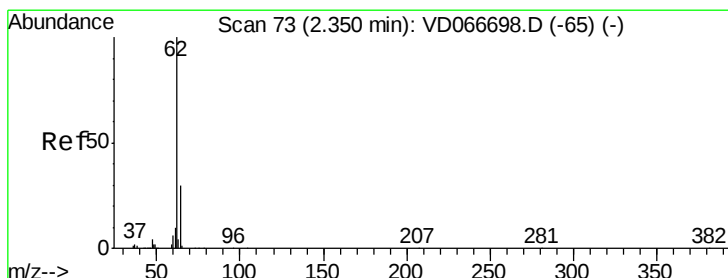
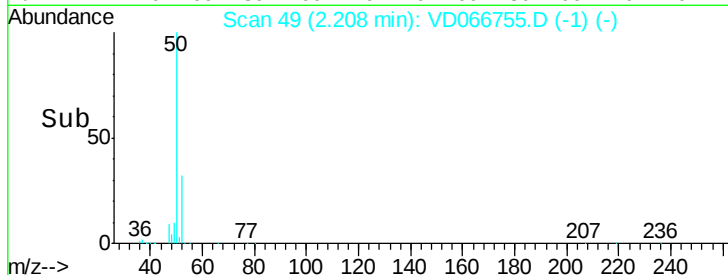
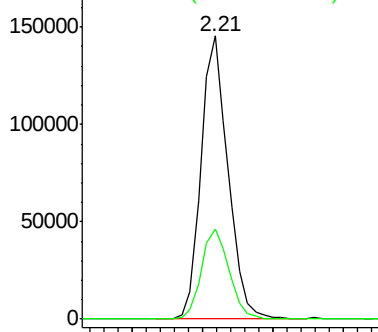
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 43.962 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066755.D

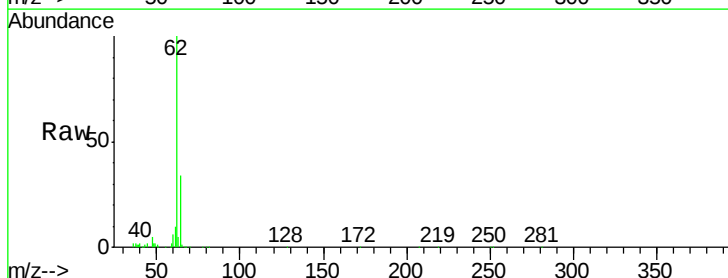
Acq: 17 Sep 2020 20:08

Tgt Ion: 62 Resp: 190249

Ion Ratio Lower Upper

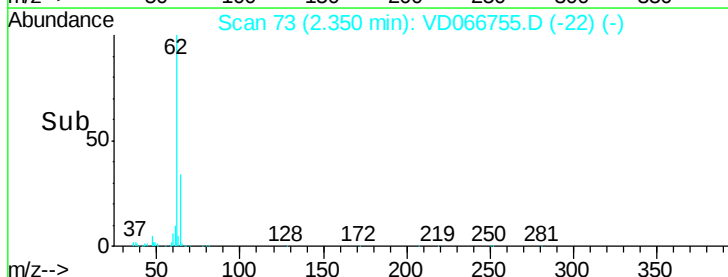
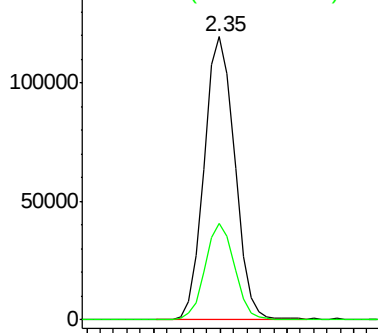
62 100

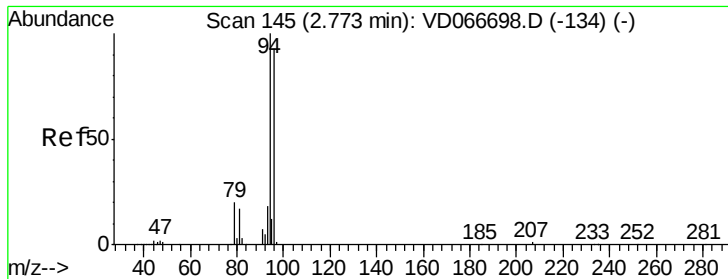
64 34.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.674 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 137146

Ion Ratio Lower Upper

94 100

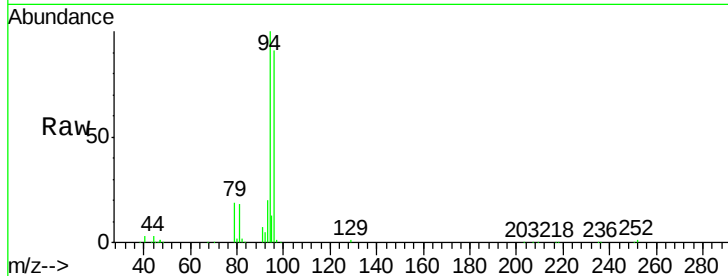
96 90.7 74.7 112.1

Manual Integrations

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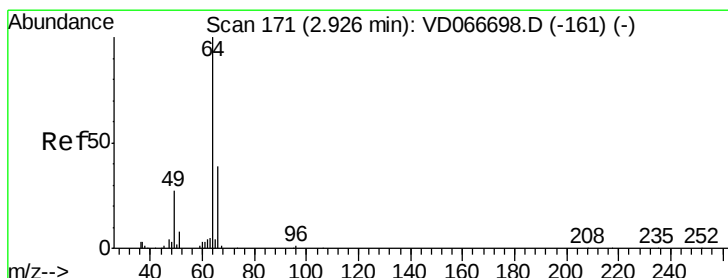
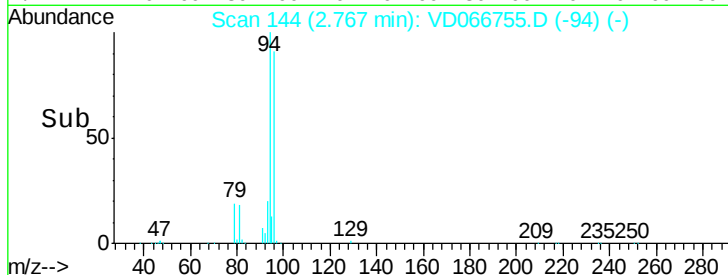
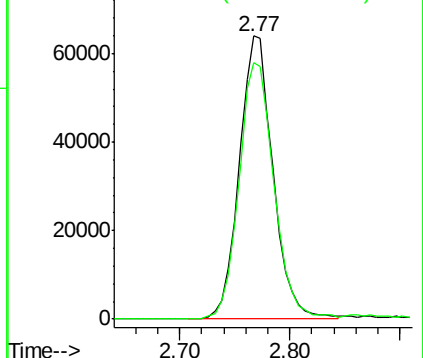
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 45.762 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD066755.D

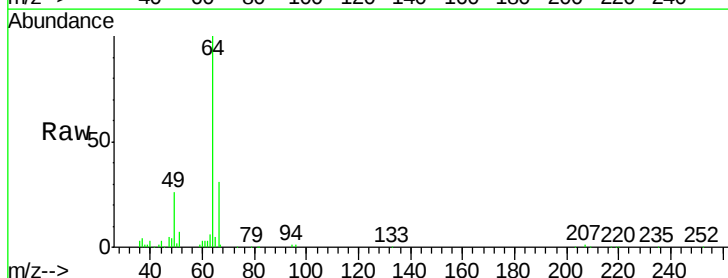
Acq: 17 Sep 2020 20:08

Tgt Ion: 64 Resp: 123373

Ion Ratio Lower Upper

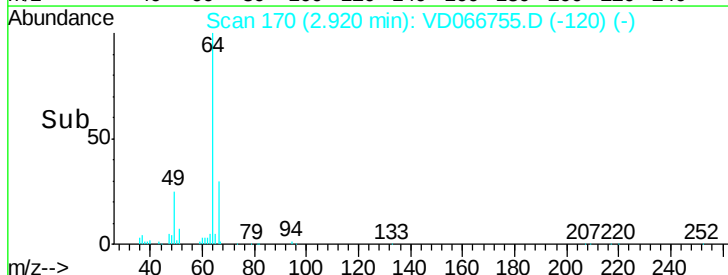
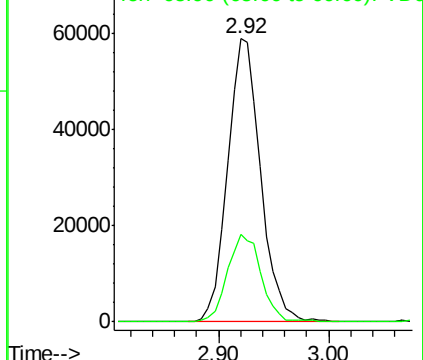
64 100

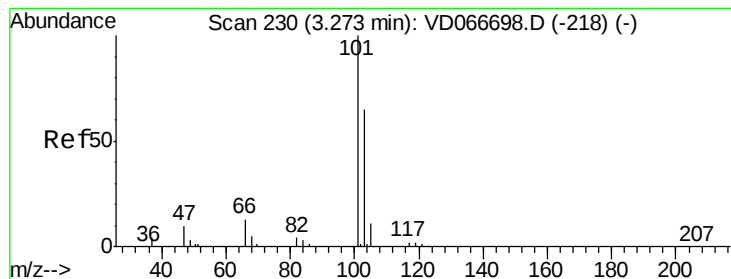
66 30.8 30.9 46.3#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

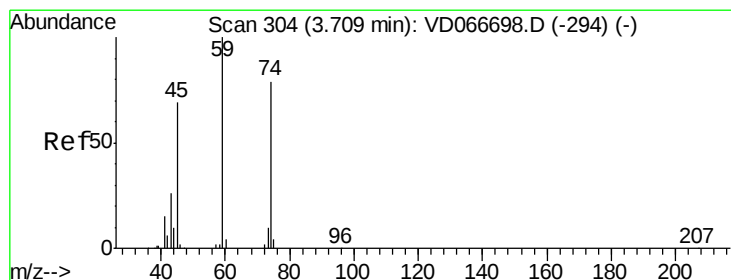
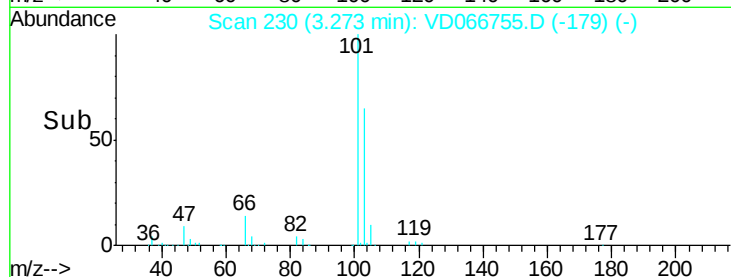
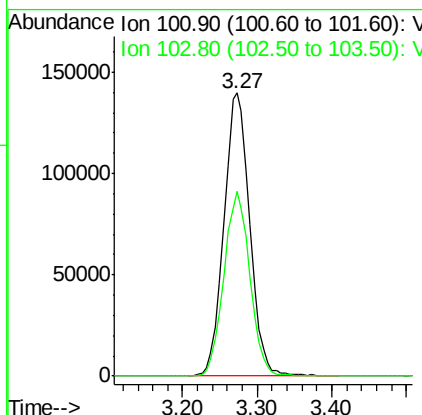
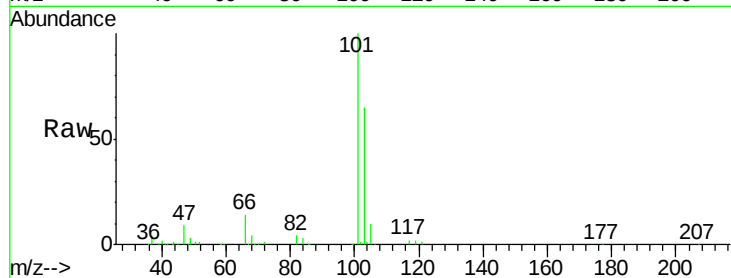
Trichlorofluoromethane
 Concen: 44.990 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8

Manual Integrations
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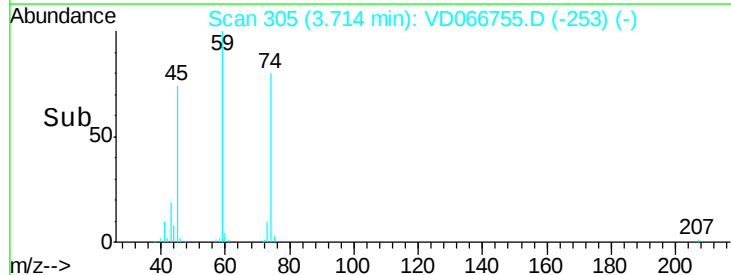
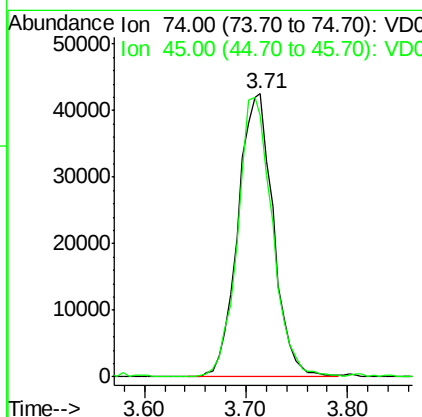
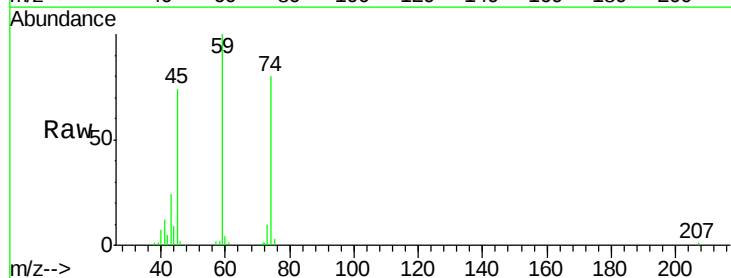
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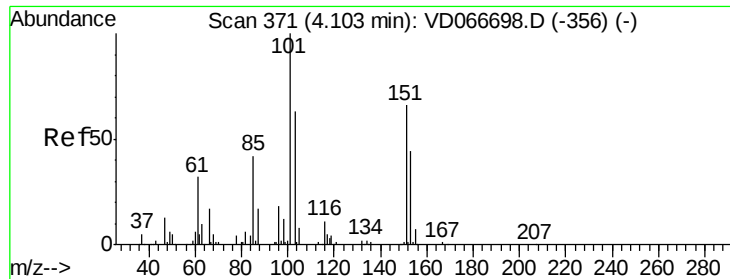


#8

Diethyl Ether
 Concen: 54.941 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	48.0	144.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.967 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

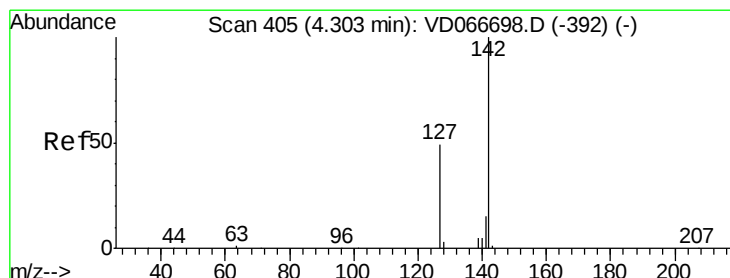
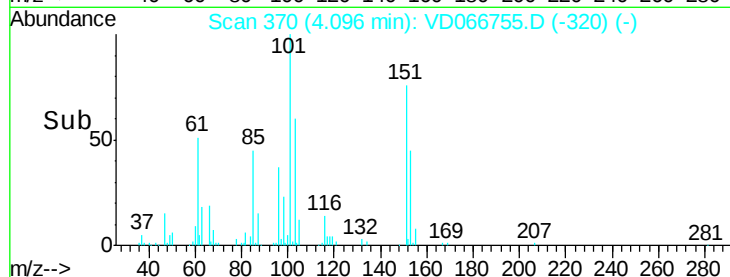
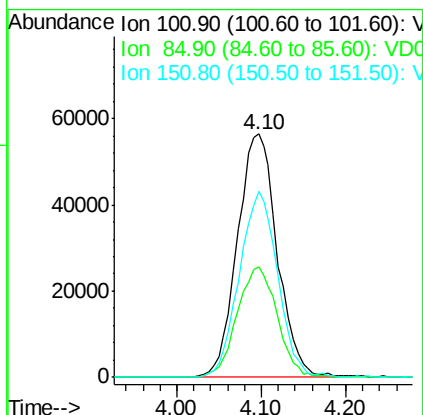
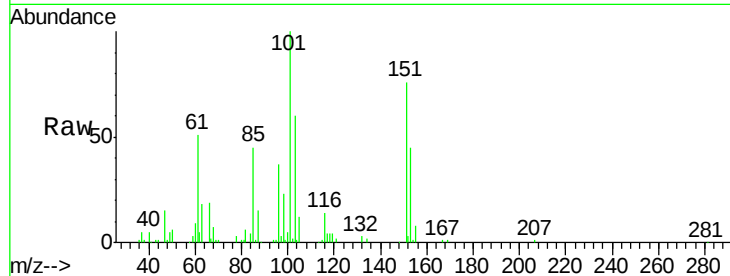
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	184718
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.3	54.5
151	73.7	58.0	87.0

Manual Integrations
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#10

Methyl Iodide

Concen: 47.161 ug/l

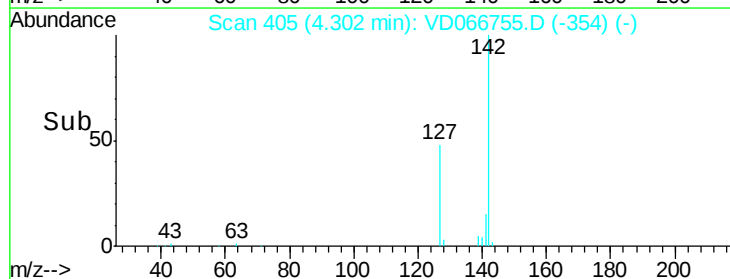
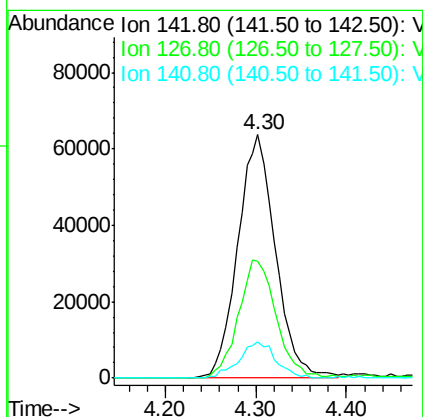
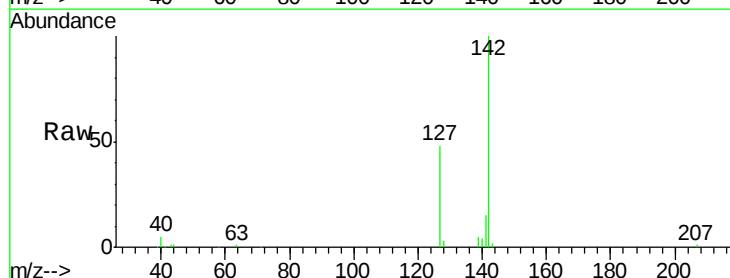
RT: 4.30 min Scan# 405

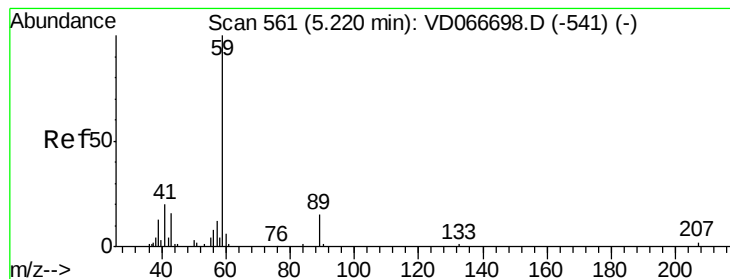
Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	142	Resp:	183813
Ion Ratio	Lower	Upper	
142	100		
127	48.8	39.0	58.4
141	14.7	11.7	17.5





#11

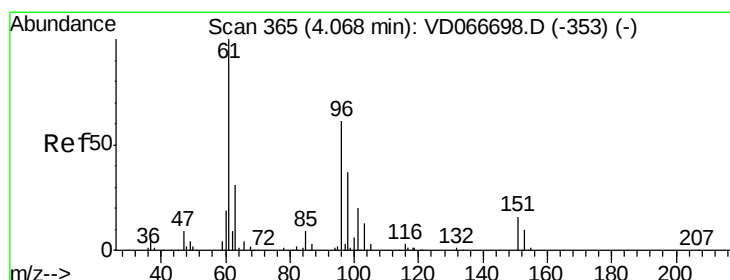
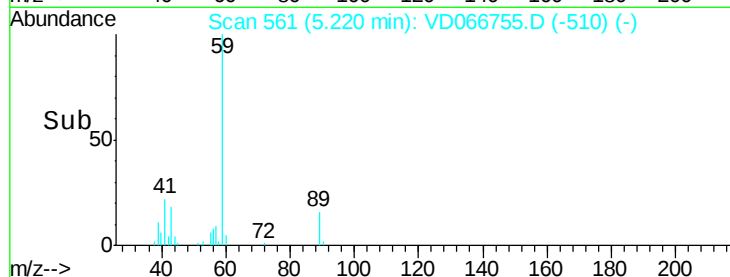
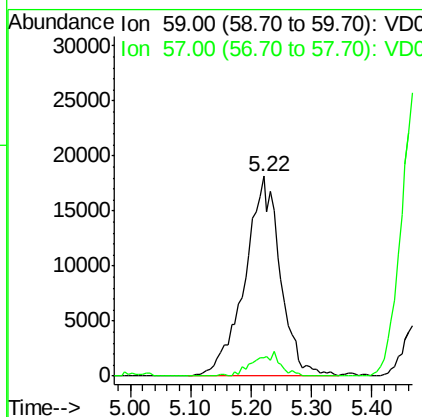
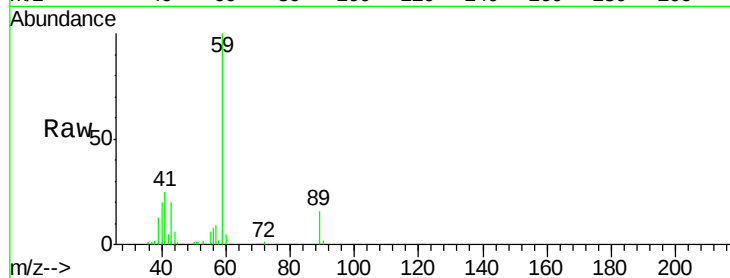
Tert butyl alcohol
Concen: 293.579 ug/l
RT: 5.22 min Scan# 561
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 74130
Ion Ratio Lower Upper
59 100
57 9.1 6.7 10.1

Manual Integrations
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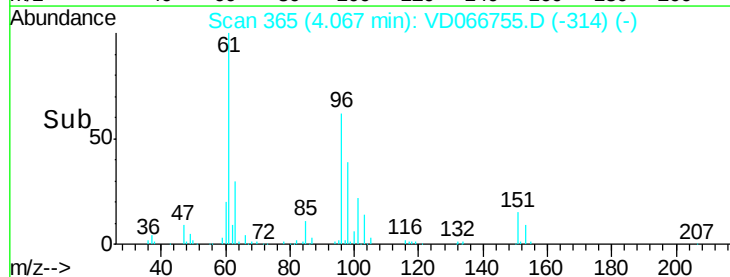
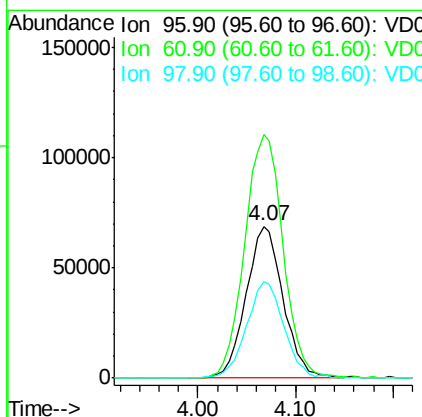
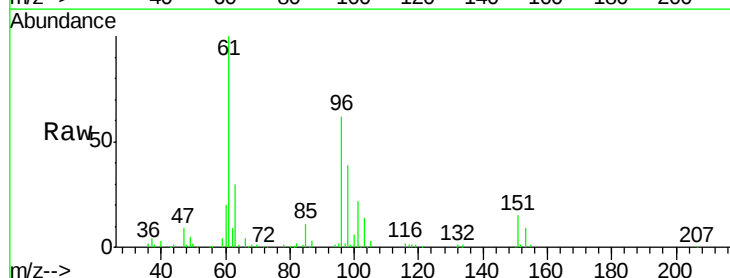
MMDadoda
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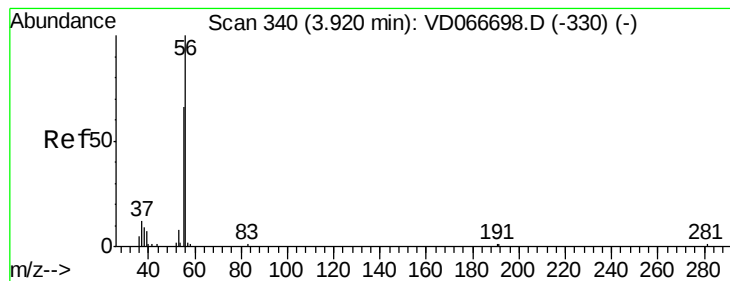


#12

1,1-Dichloroethene
Concen: 47.892 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion: 96 Resp: 182093
Ion Ratio Lower Upper
96 100
61 160.4 131.9 197.9
98 63.2 49.1 73.7





#13

Acrolein

Concen: 261.970 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 74906

Ion Ratio Lower Upper

56 100

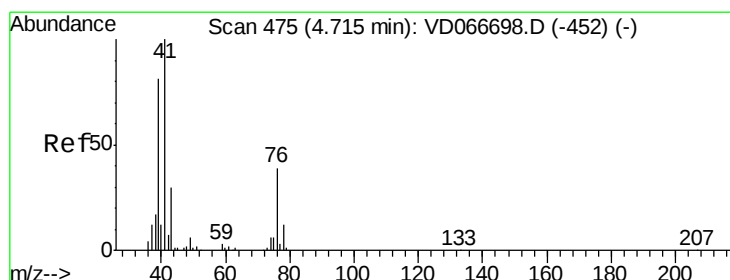
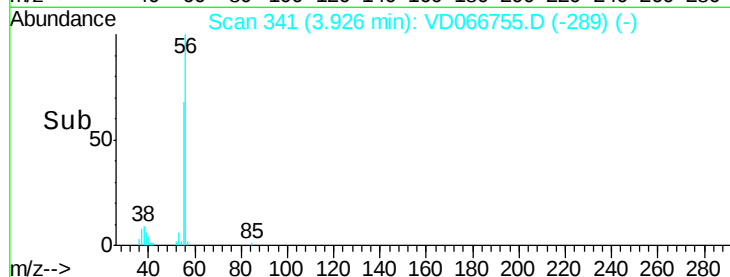
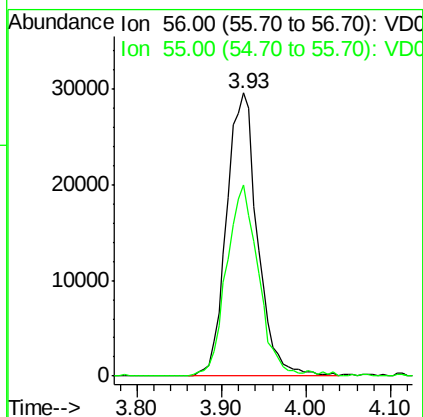
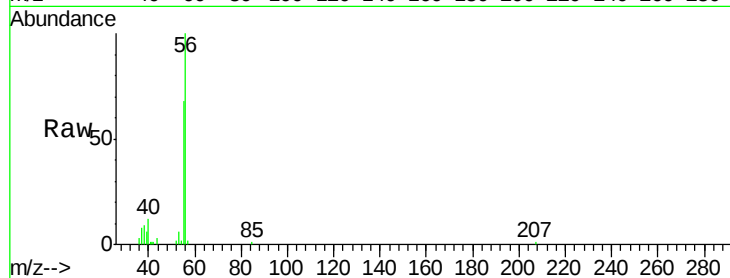
55 69.3 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 49.970 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

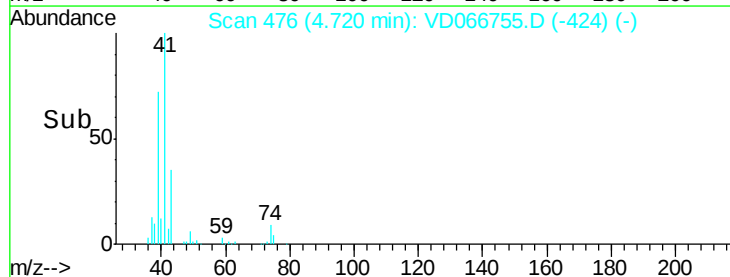
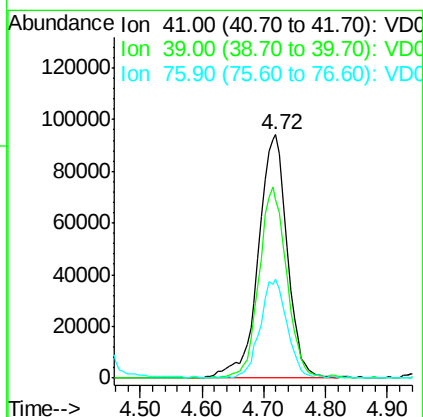
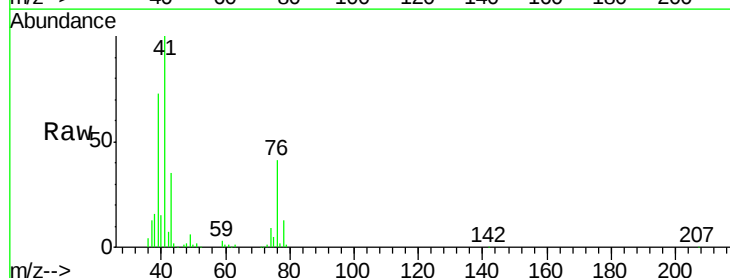
Tgt Ion: 41 Resp: 305123

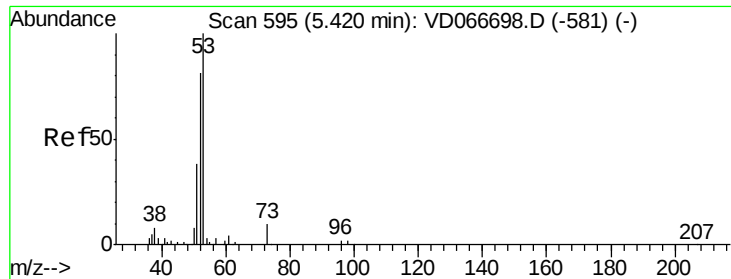
Ion Ratio Lower Upper

41 100

39 75.0 60.6 90.8

76 38.3 29.2 43.8





#15

Acrylonitrile

Concen: 283.294 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

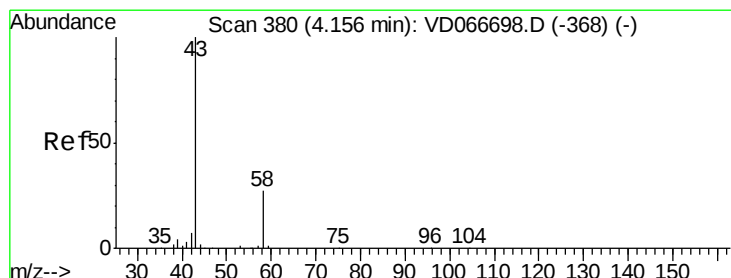
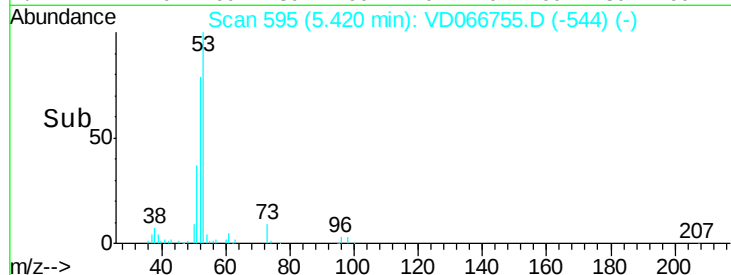
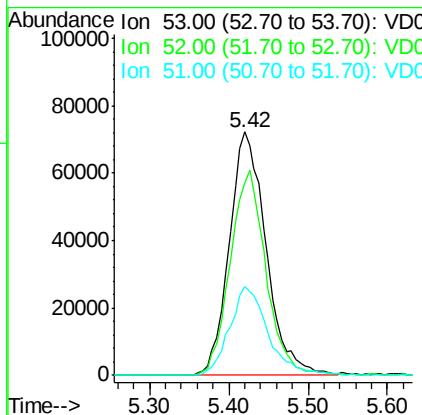
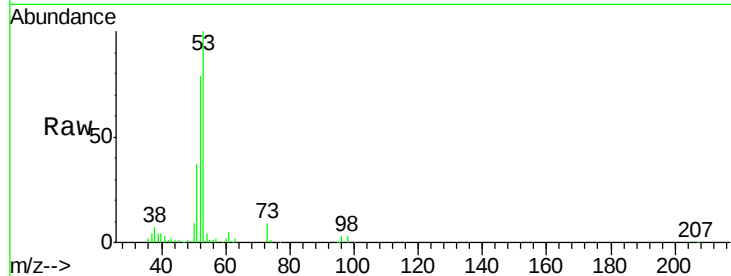
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	232286
Ion Ratio		Lower	Upper
53	100		
52	82.0	66.6	99.8
51	38.4	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 224.029 ug/l

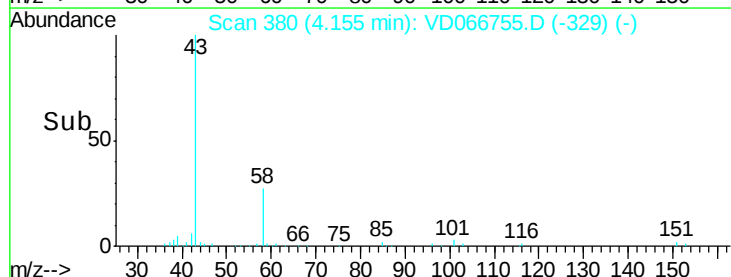
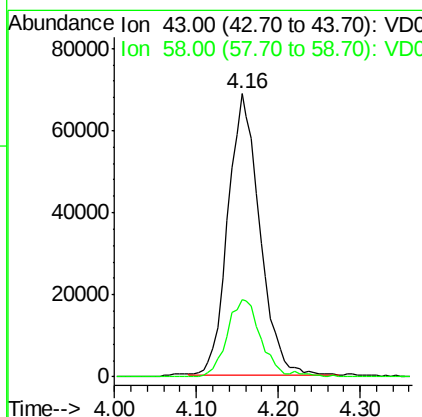
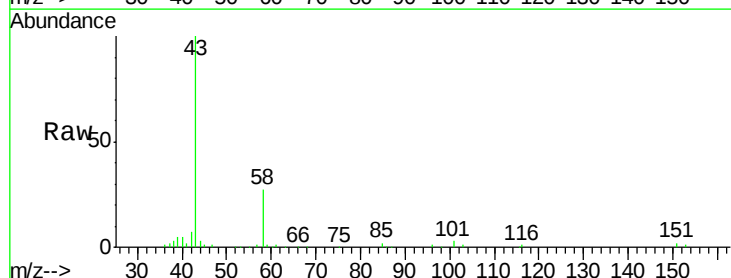
RT: 4.16 min Scan# 380

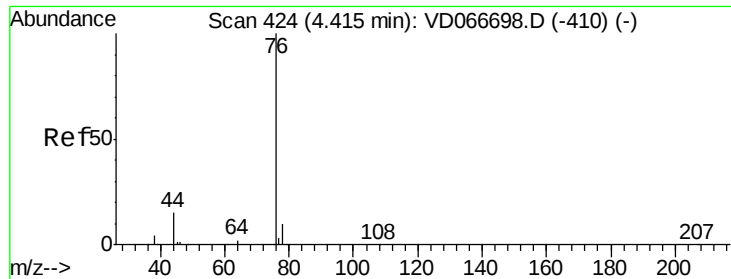
Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	43	Resp:	184957
Ion Ratio		Lower	Upper
43	100		
58	27.4	21.9	32.9





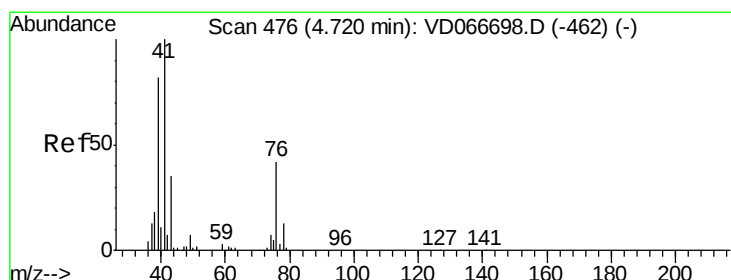
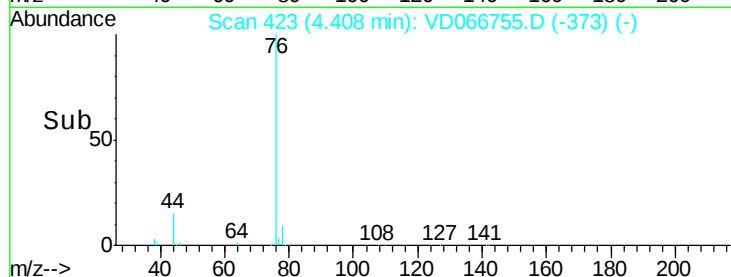
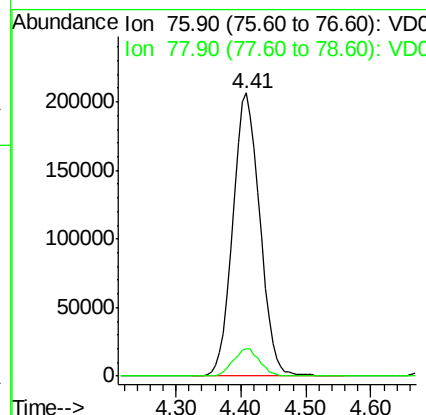
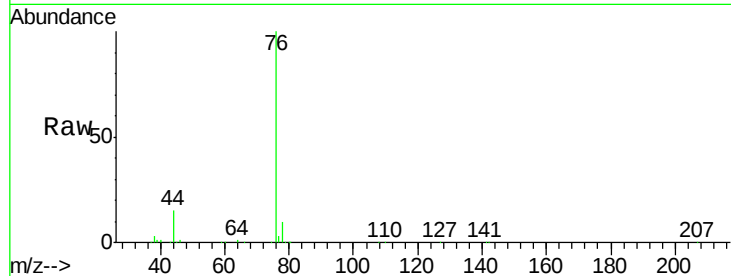
#17
Carbon Disulfide
Concen: 49.714 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	8.0	12.0

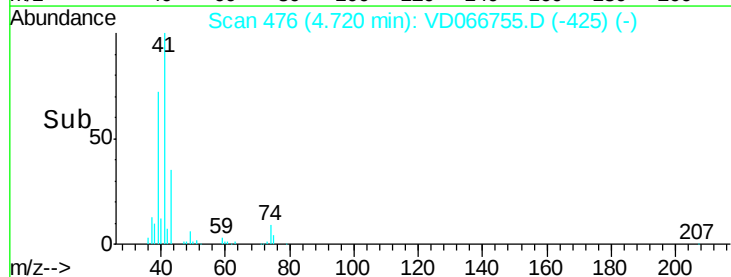
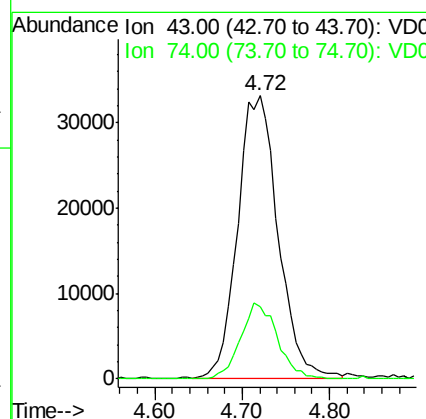
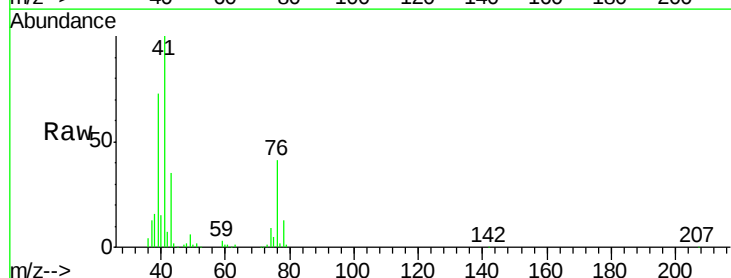
Manual Integrations
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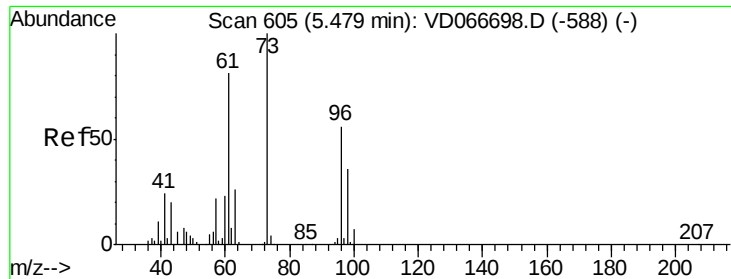
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#18
Methyl Acetate
Concen: 60.121 ug/l
RT: 4.72 min Scan# 476
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.6	28.0





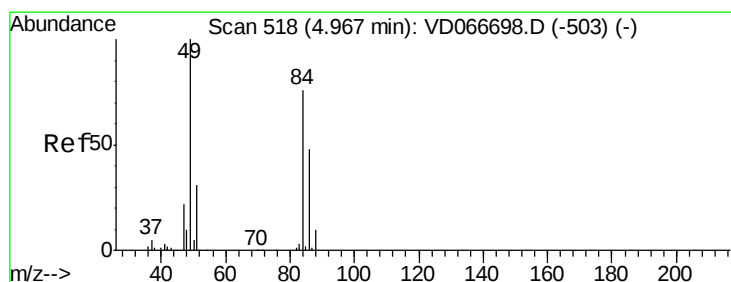
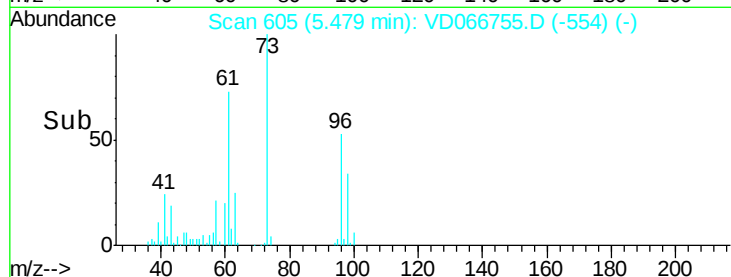
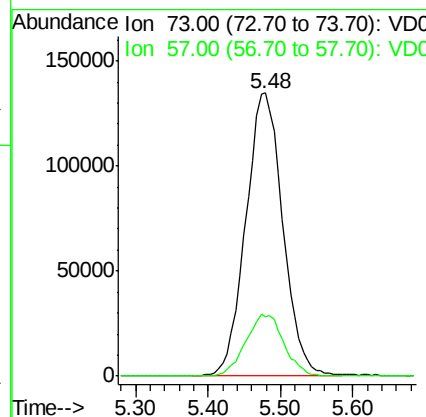
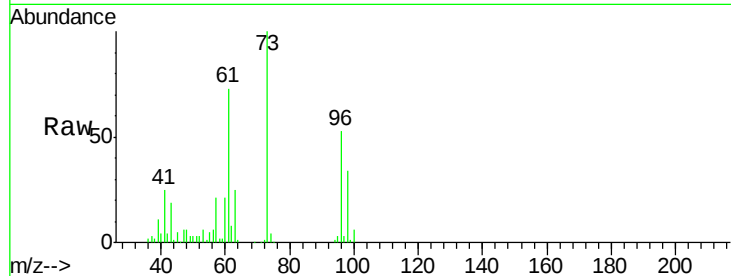
#19
Methvl tert-butvl Ether
Concen: 56.645 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 479720
Ion Ratio Lower Upper
73 100
57 21.2 17.8 26.6

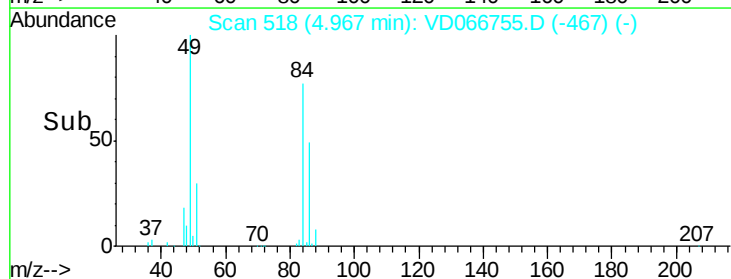
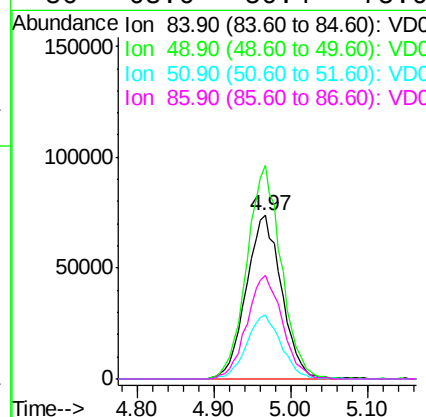
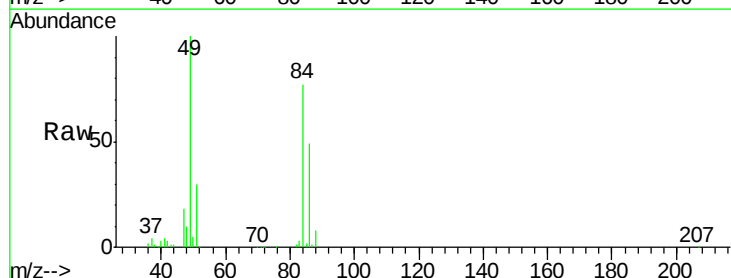
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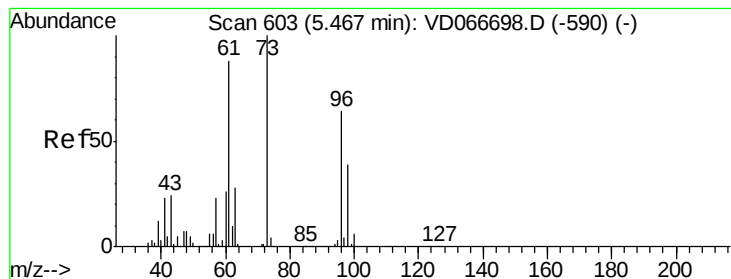
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#20
Methylene Chloride
Concen: 54.141 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion: 84 Resp: 237566
Ion Ratio Lower Upper
84 100
49 130.6 105.0 157.6
51 39.2 32.2 48.4
86 63.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.715 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

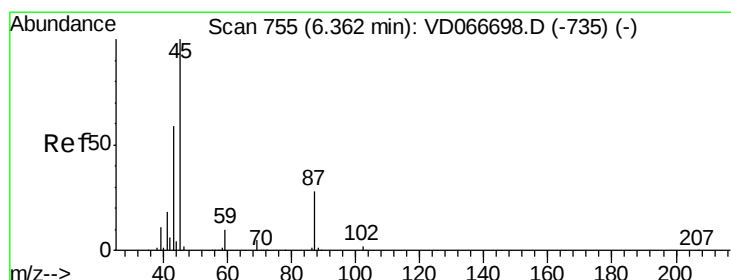
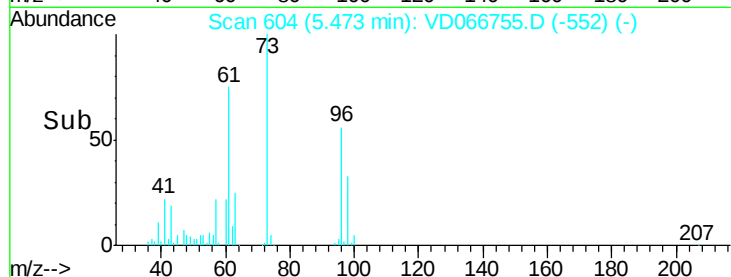
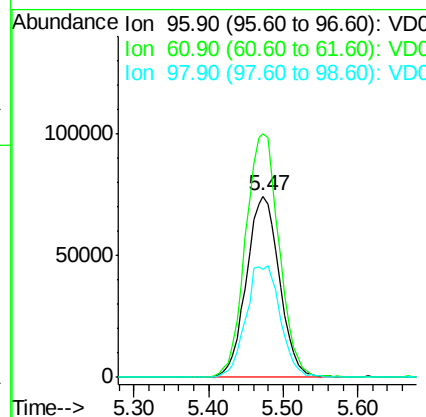
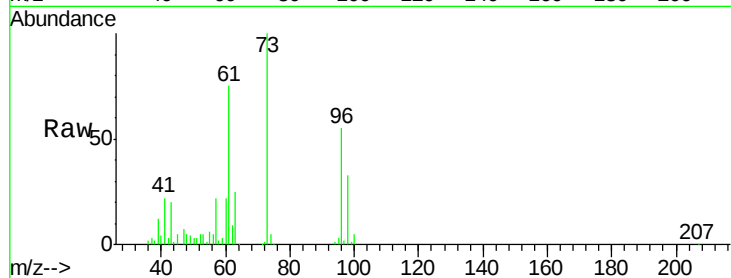
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	229083
Ion	Ratio	Lower	Upper
96	100		
61	134.5	110.6	166.0
98	59.7	49.2	73.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.065 ug/l

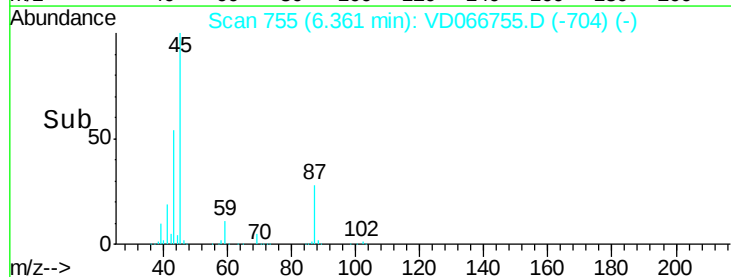
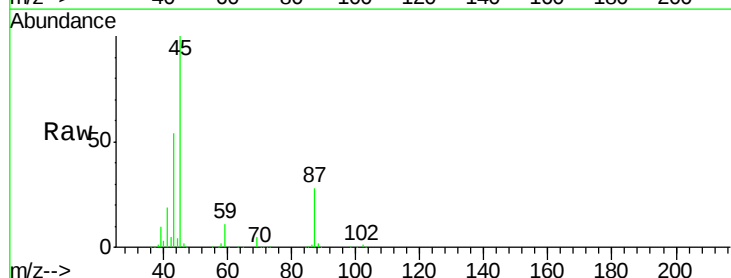
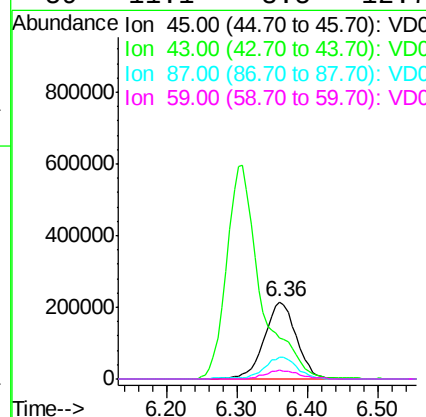
RT: 6.36 min Scan# 755

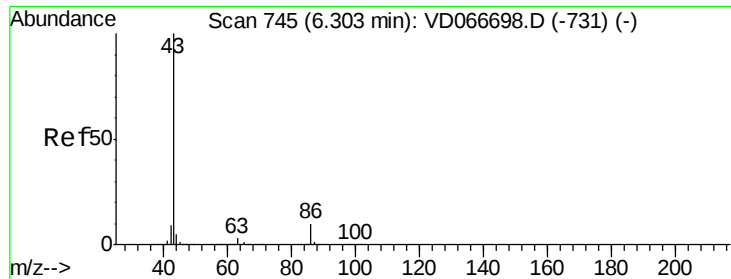
Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	45	Resp:	683197
Ion	Ratio	Lower	Upper
45	100		
43	53.7	46.9	70.3
87	27.2	22.4	33.6
59	11.1	8.5	12.7





#23

Vinyl Acetate

Concen: 288.469 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1990847

Ion Ratio Lower Upper

43 100

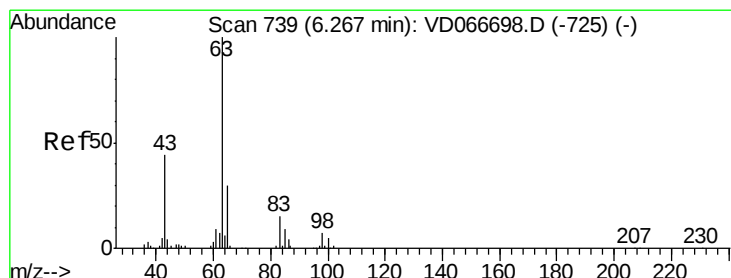
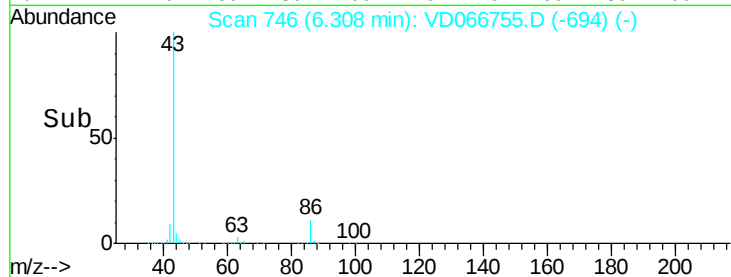
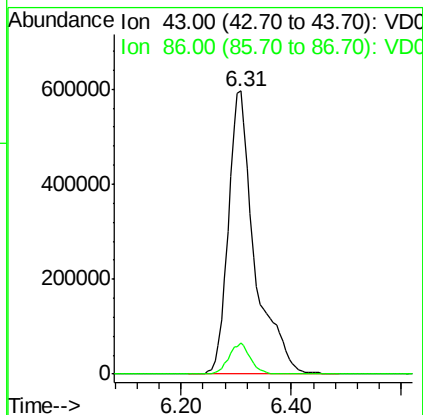
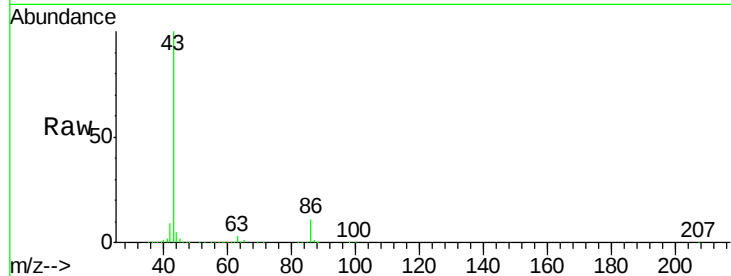
86 11.2 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.686 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

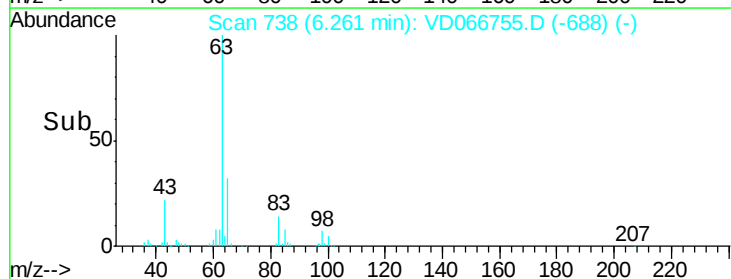
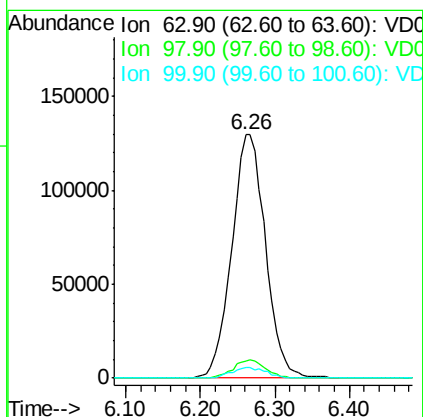
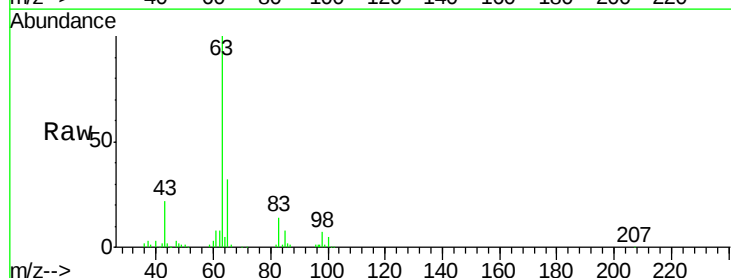
Tgt Ion: 63 Resp: 406934

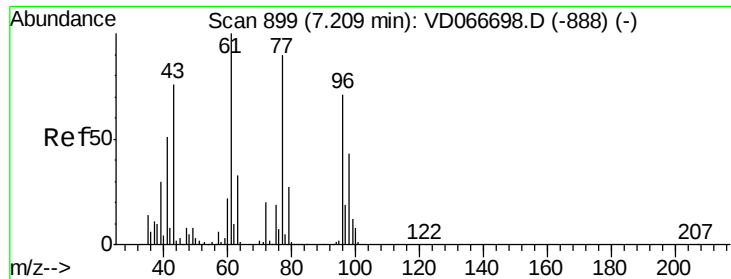
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.6 2.6 8.0





#25

2-Butanone

Concen: 272.077 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 292494

Ion Ratio Lower Upper

43 100

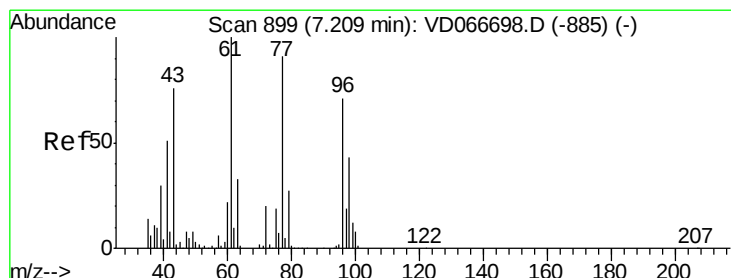
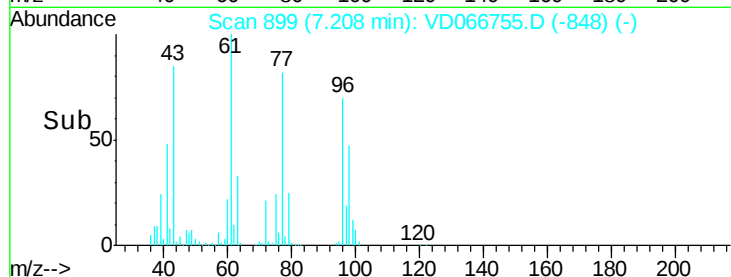
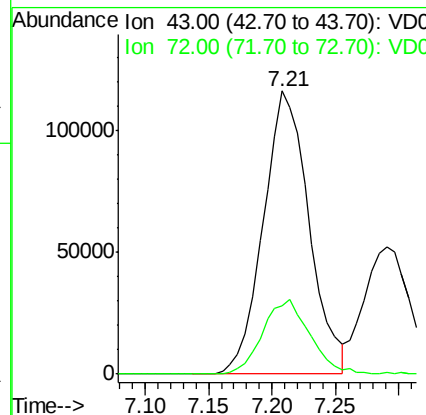
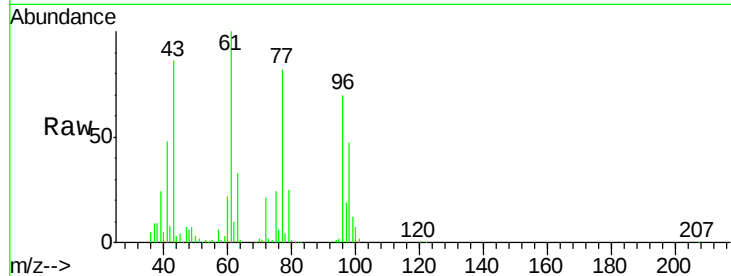
72 24.4 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.800 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066755.D

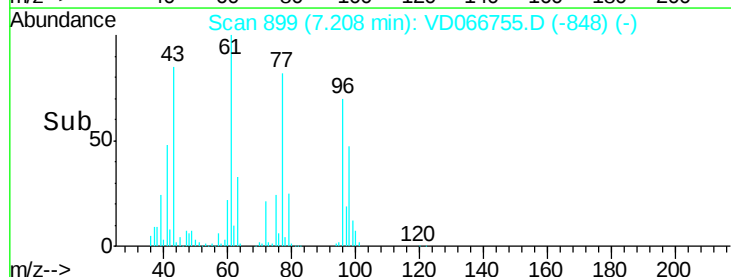
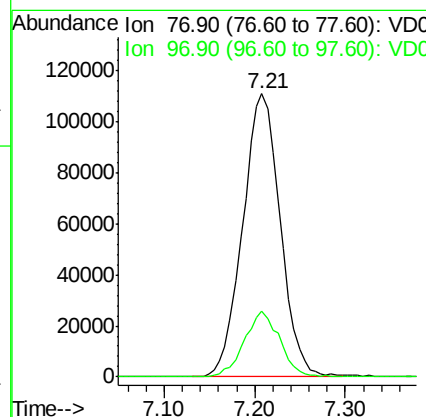
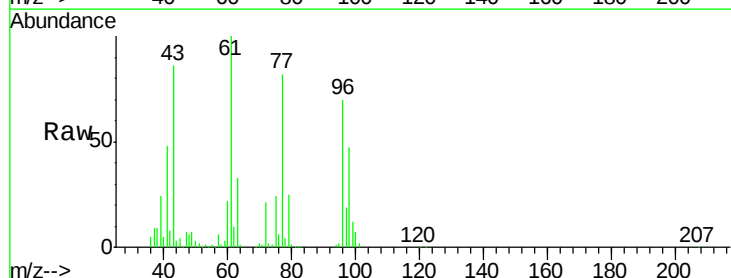
Acq: 17 Sep 2020 20:08

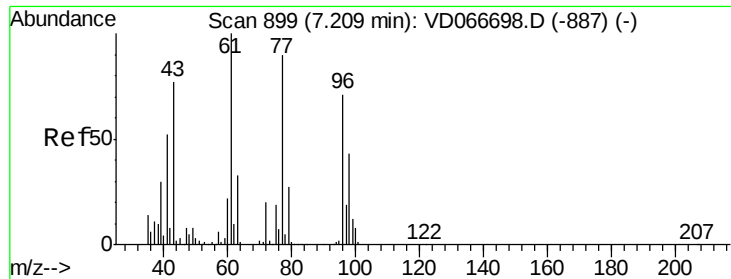
Tgt Ion: 77 Resp: 318887

Ion Ratio Lower Upper

77 100

97 21.9 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 53.028 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

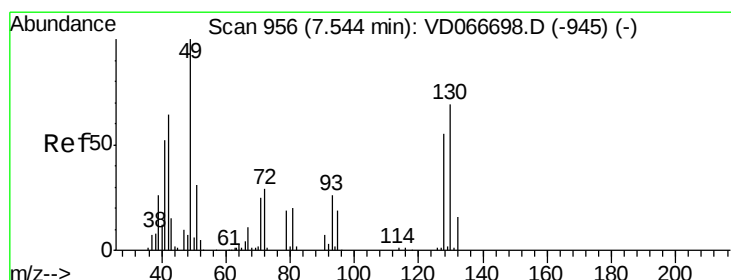
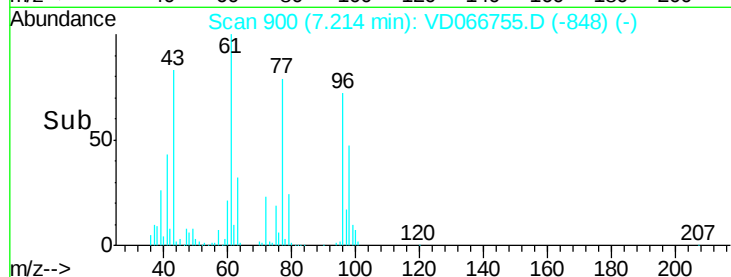
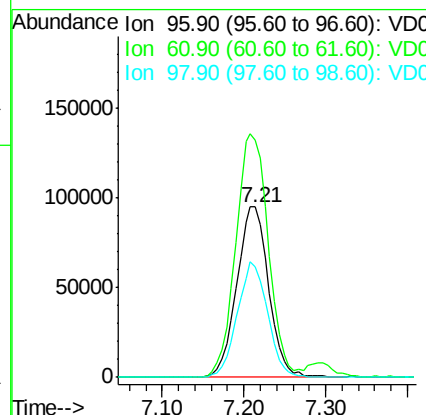
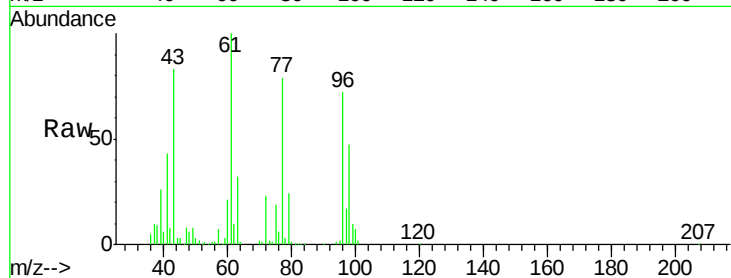
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	256983
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	292.4
98	64.6	0.0	127.0

Manual Integrations
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#28

Bromochloromethane

Concen: 54.328 ug/l

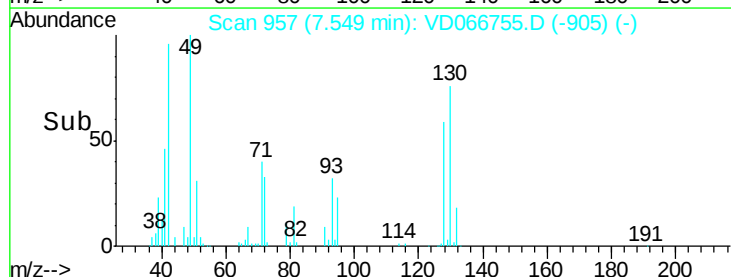
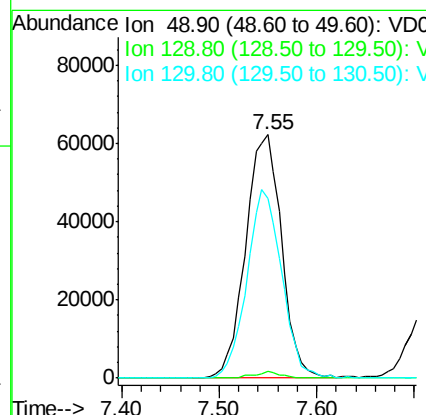
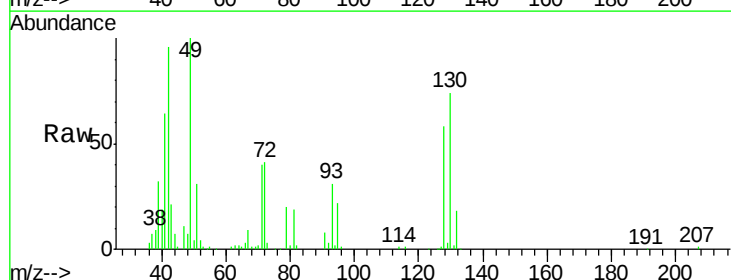
RT: 7.55 min Scan# 957

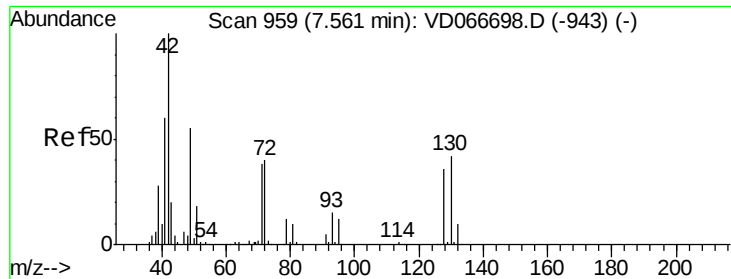
Delta R.T. 0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	49	Resp:	159767
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.4	58.6	88.0





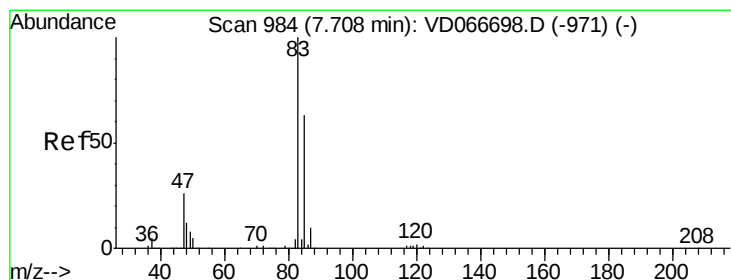
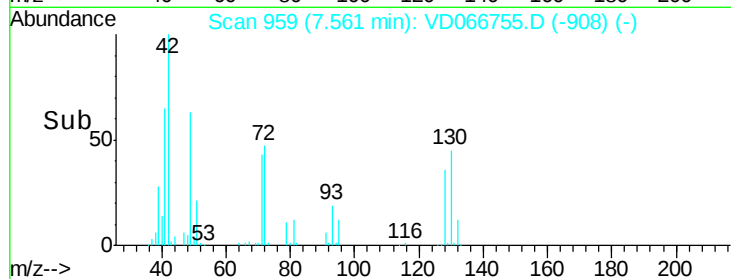
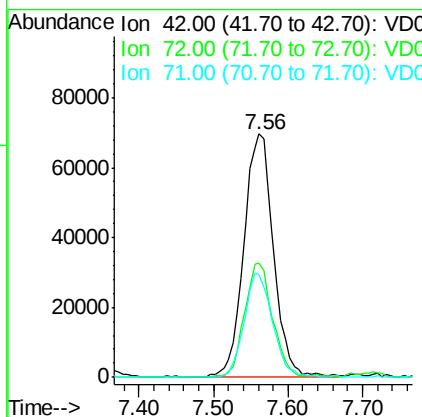
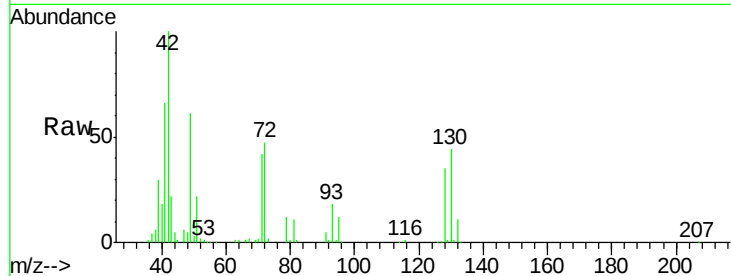
#29
Tetrahydrofuran
Concen: 292.163 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	32.6	48.8
71	41.0	30.6	45.8

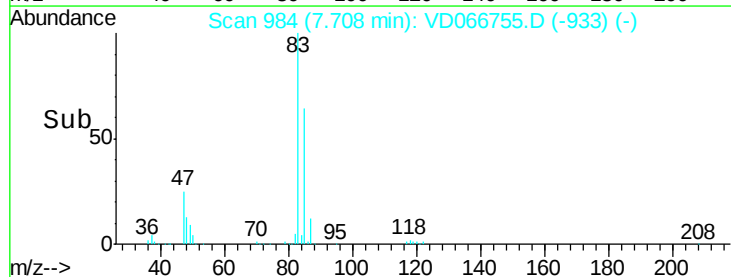
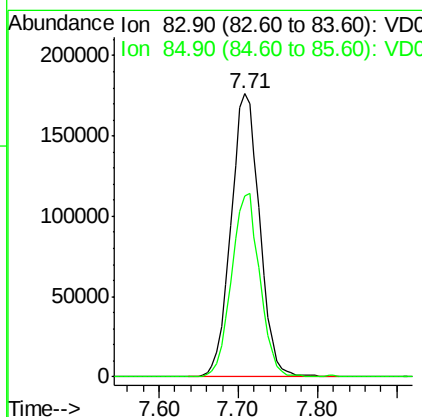
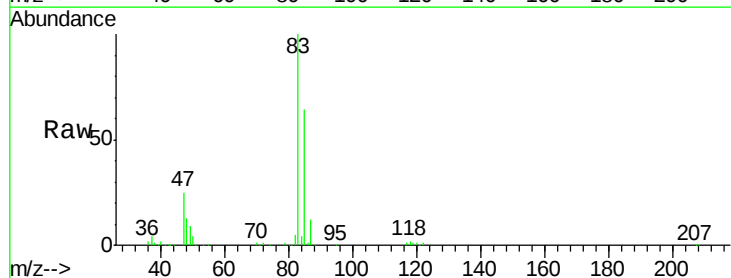
Manual Integrations
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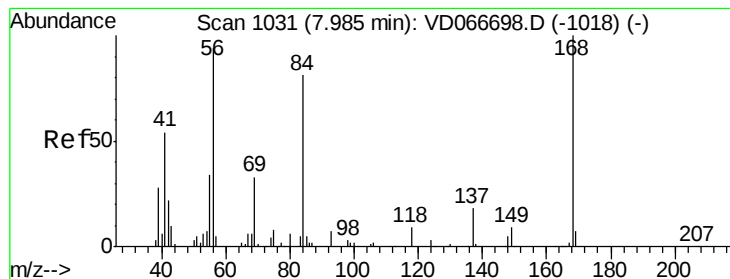
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#30
Chloroform
Concen: 52.608 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.6	76.0





#31

Cyclohexane

Concen: 45.695 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

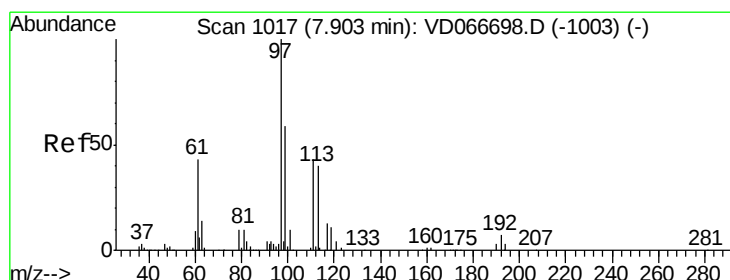
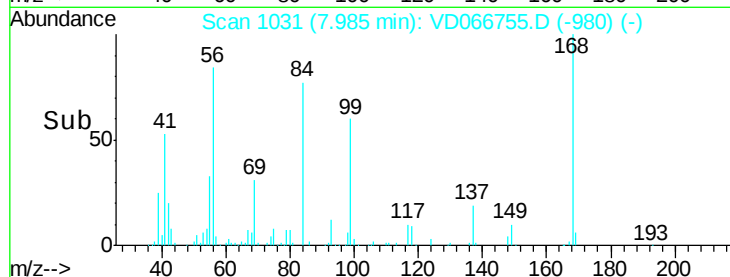
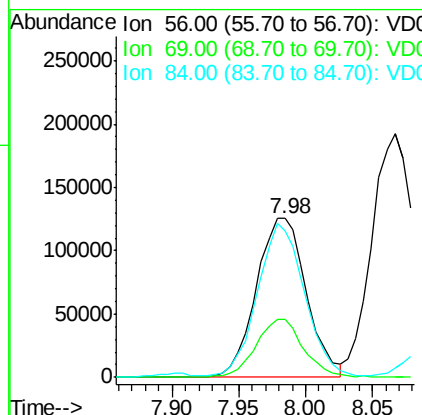
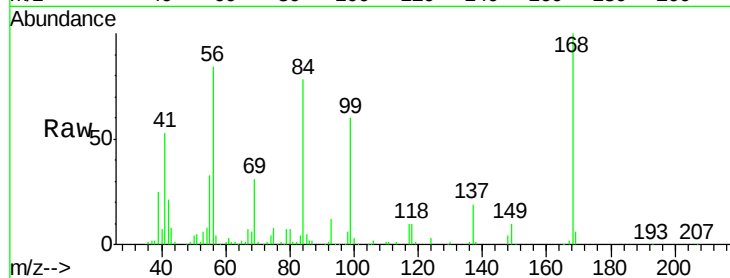
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	327240
Ion	Ratio	Lower	Upper
56	100		
69	36.4	27.7	41.5
84	91.1	68.5	102.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.610 ug/l

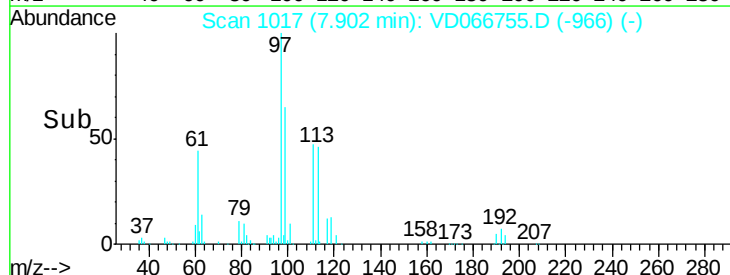
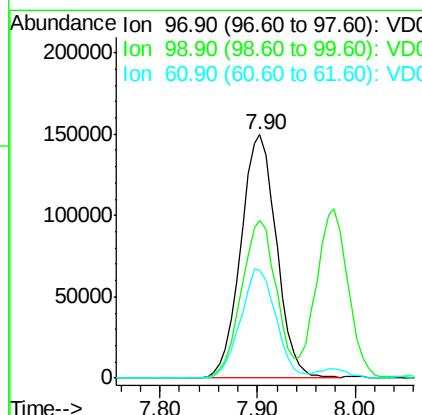
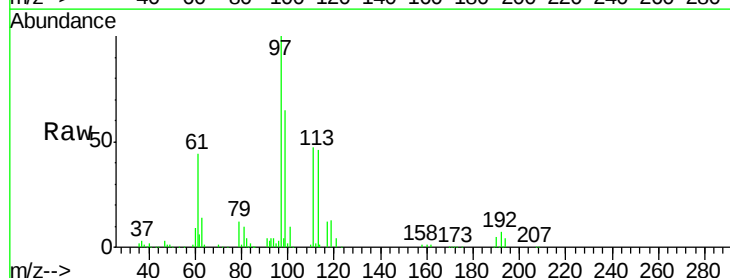
RT: 7.90 min Scan# 1017

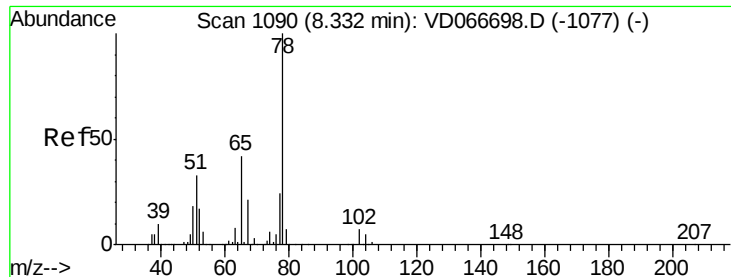
Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	97	Resp:	380394
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.0	76.4
61	44.4	35.2	52.8





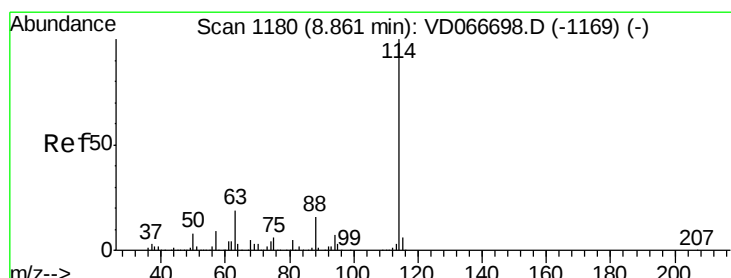
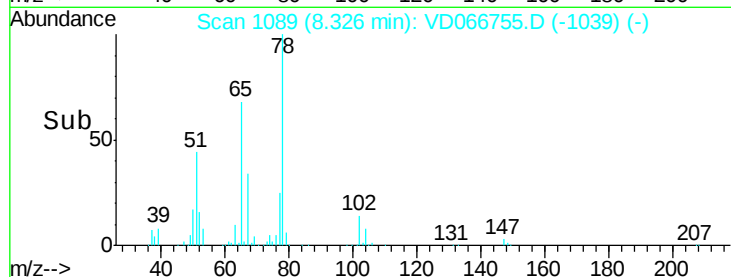
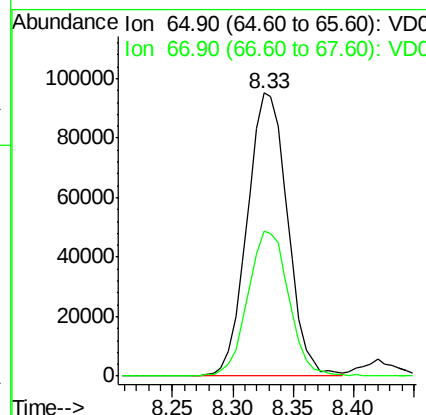
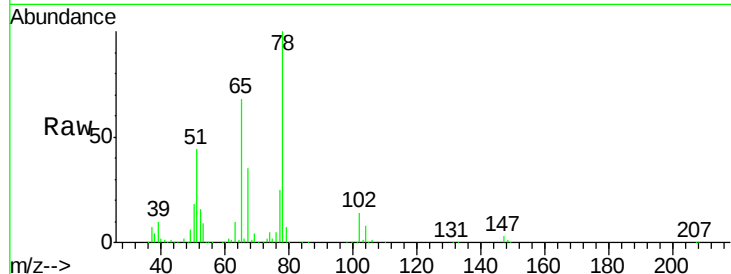
#33
 1,2-Dichloroethane-d4
 Concen: 54.800 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	222170		
67	52.2	0.0	102.2	

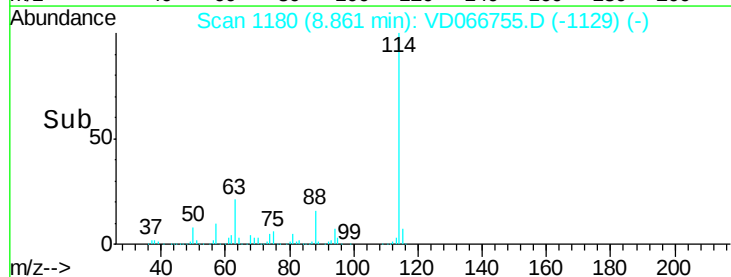
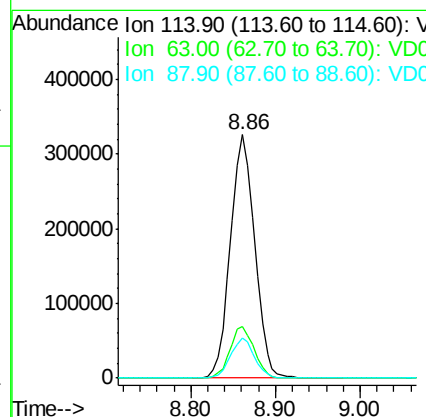
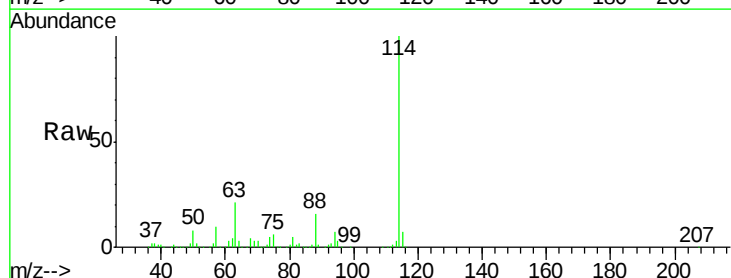
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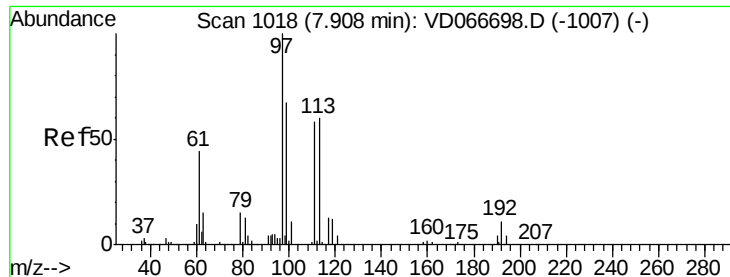
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	649393		
63	21.5	0.0	37.6	
88	16.2	0.0	32.2	





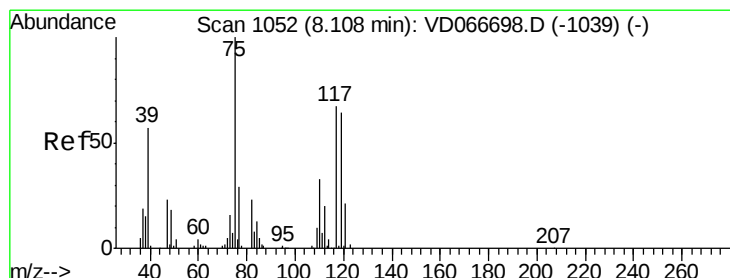
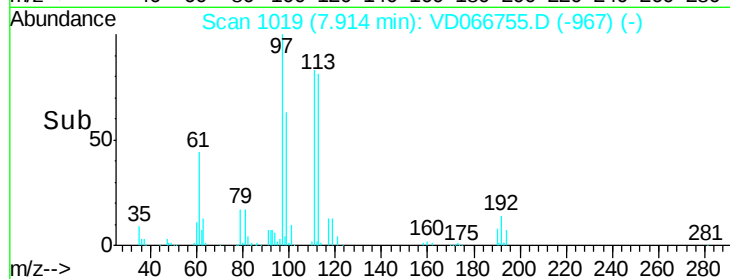
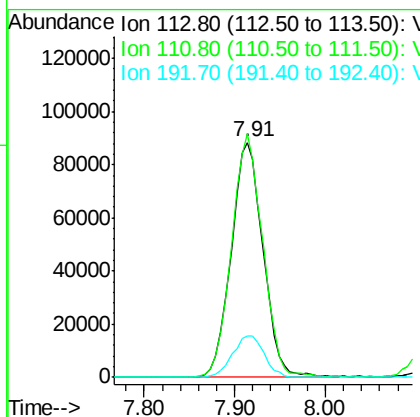
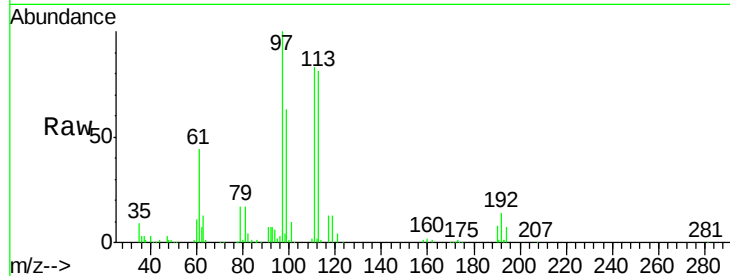
#35
 Dibromofluoromethane
 Concen: 54.065 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	215253		
111	101.7	83.2	124.8	
192	17.7	14.8	22.2	

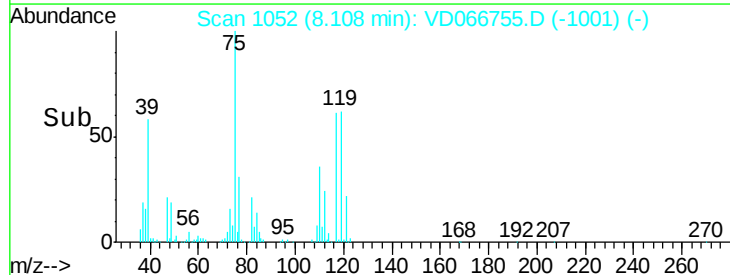
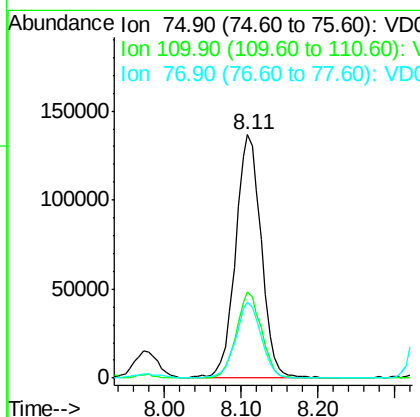
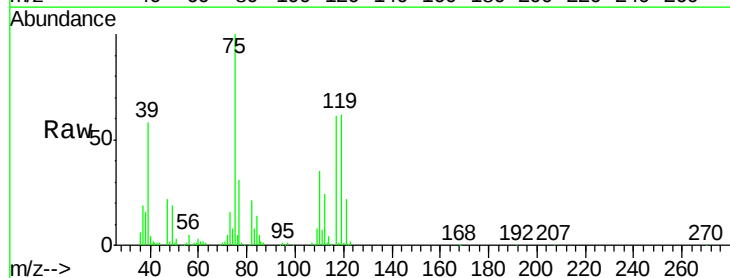
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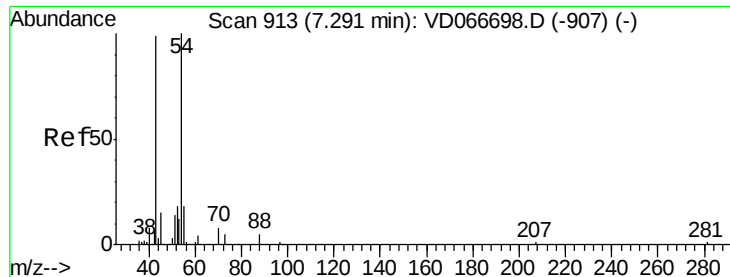
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#36
 1,1-Dichloropropene
 Concen: 47.485 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	317043		
110	34.8	17.1	51.2	
77	31.6	25.0	37.6	





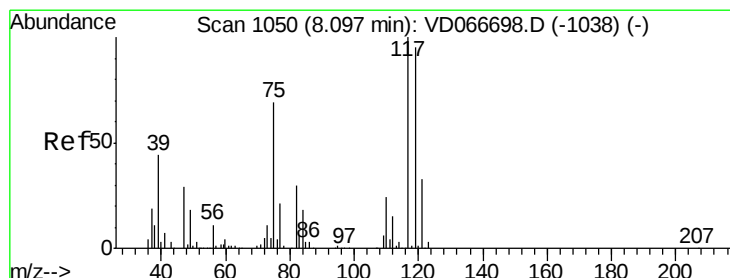
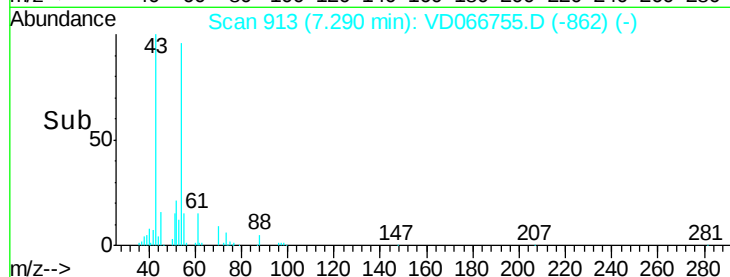
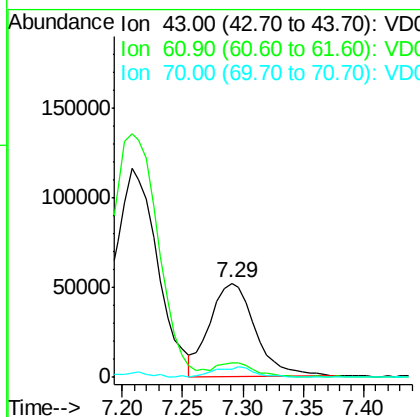
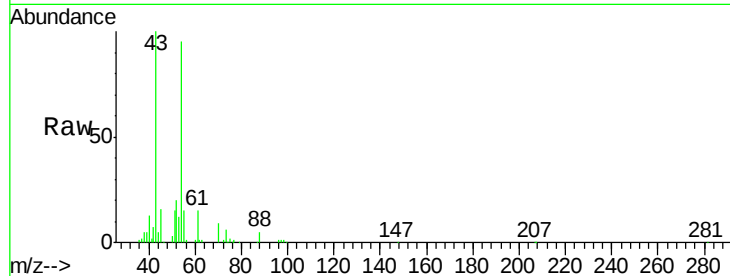
#37
Ethyl Acetate
Concen: 53.695 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.4	15.6
70	10.5	7.5	11.3

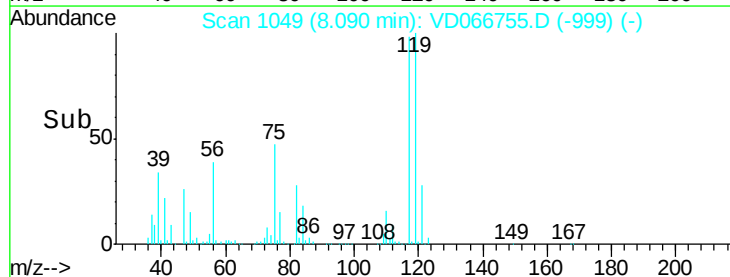
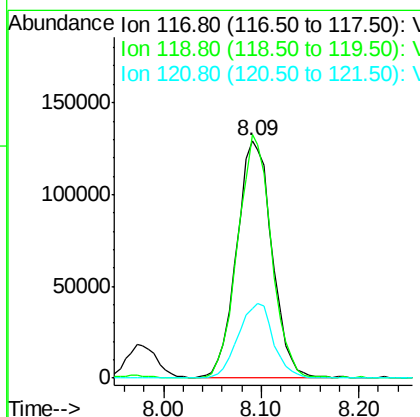
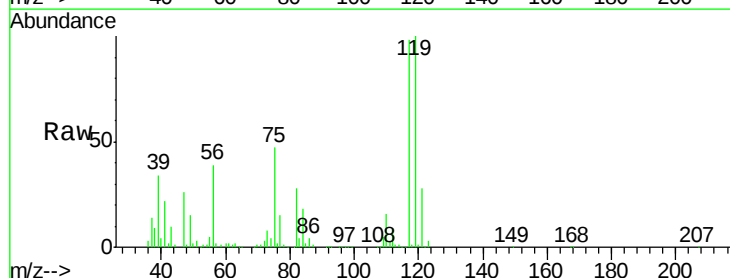
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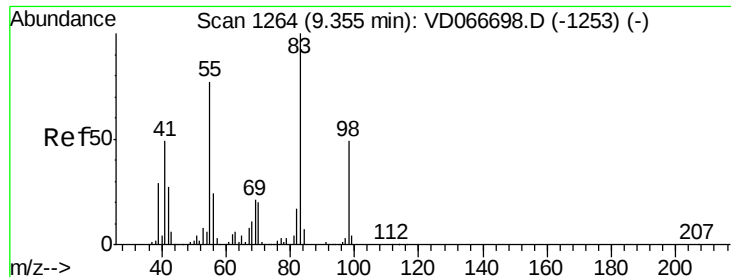
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#38
Carbon Tetrachloride
Concen: 46.036 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.7	75.8	113.6
121	29.2	26.2	39.4





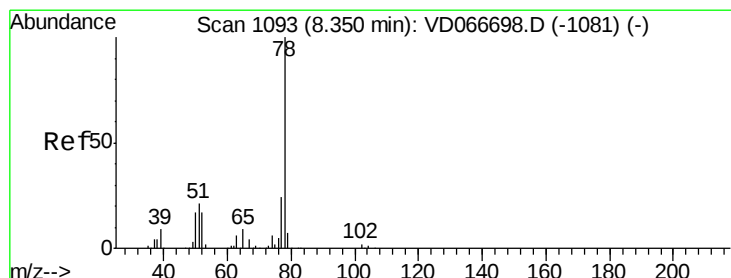
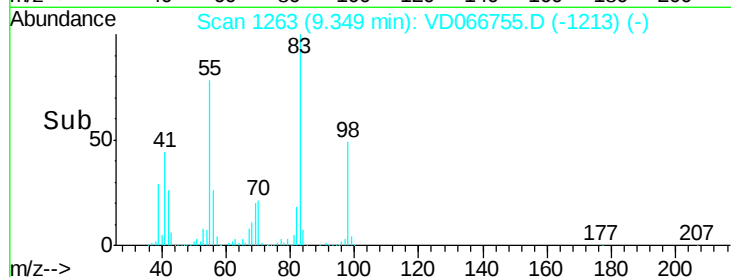
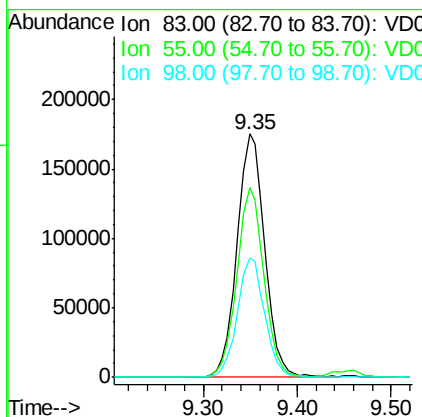
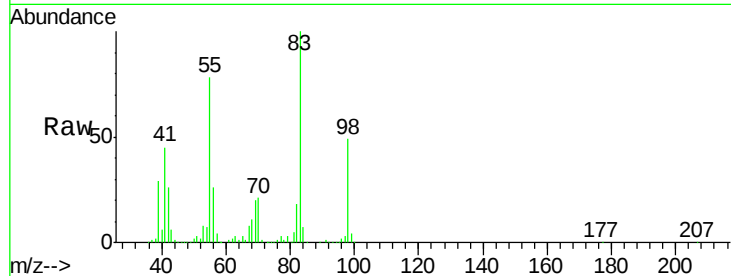
#39
Methvlcvclohexane
Concen: 46.924 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.9	61.5	92.3	
98	49.0	39.3	58.9	

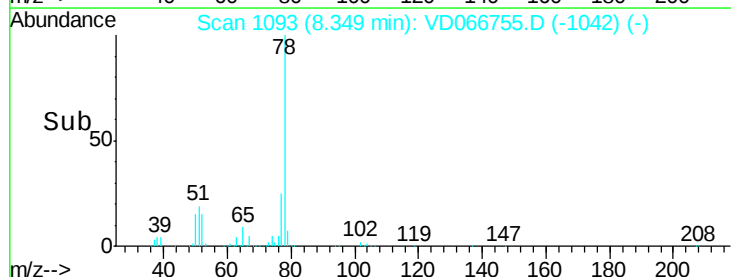
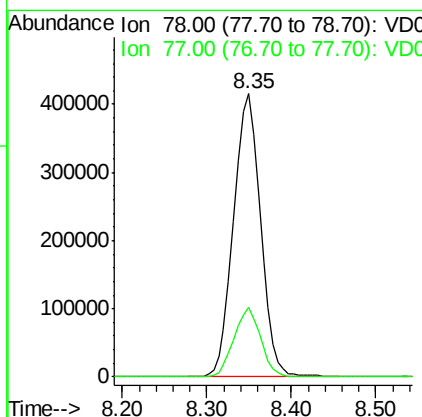
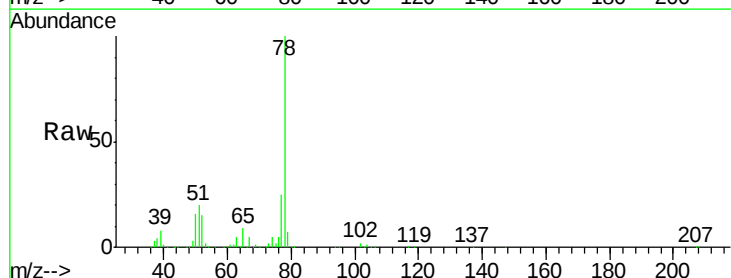
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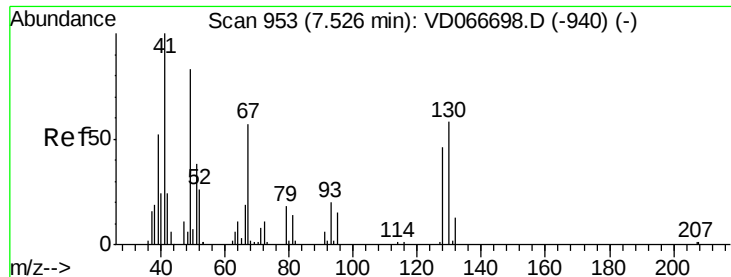
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#40
Benzene
Concen: 50.825 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.7	19.3	28.9	





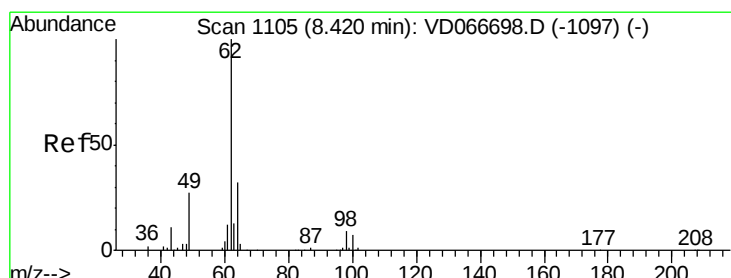
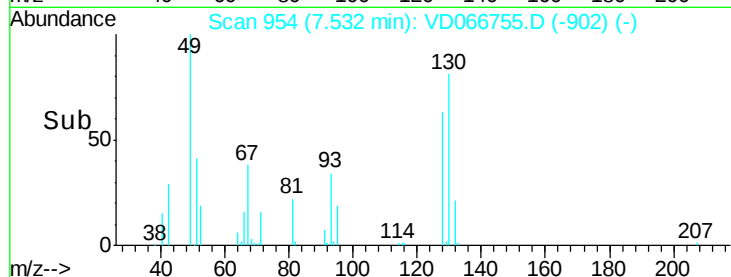
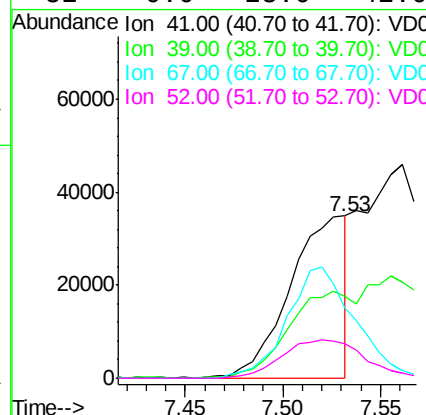
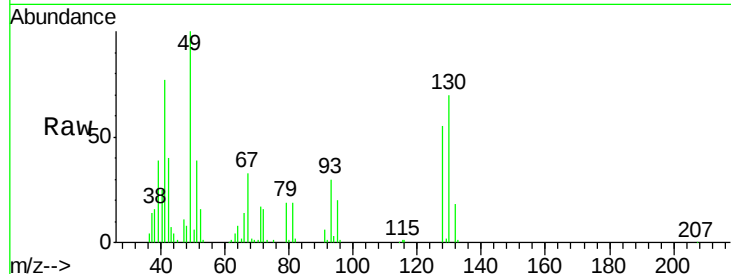
#41
Methacrylonitrile
Concen: 53.246 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.8	59.3	88.9
67	0.0	62.3	93.5#
52	0.0	28.0	42.0#

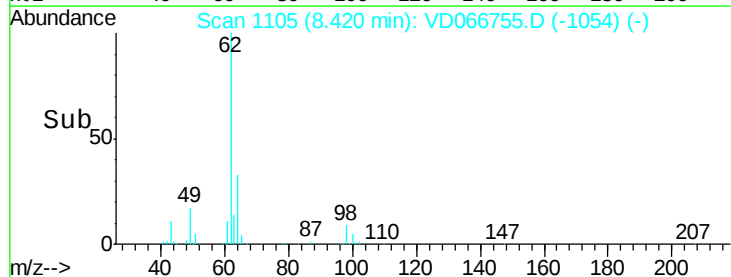
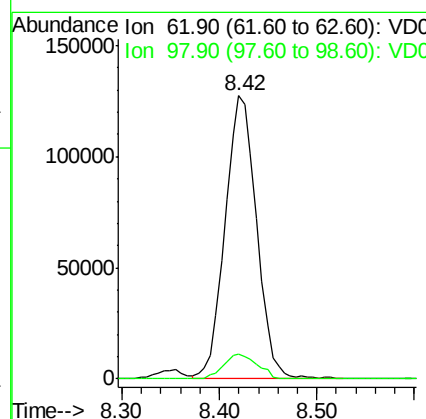
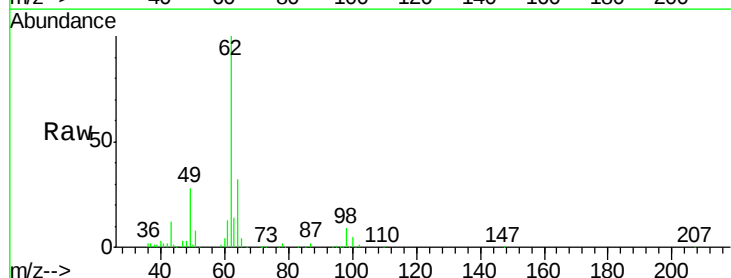
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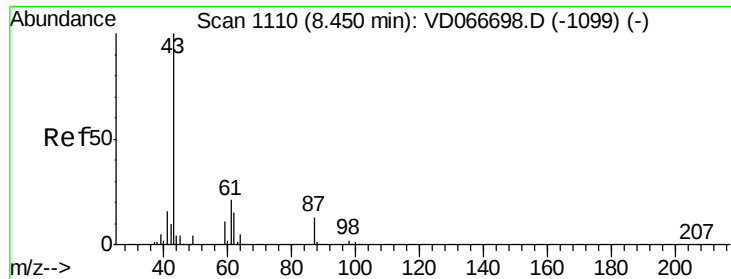
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.470 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.6





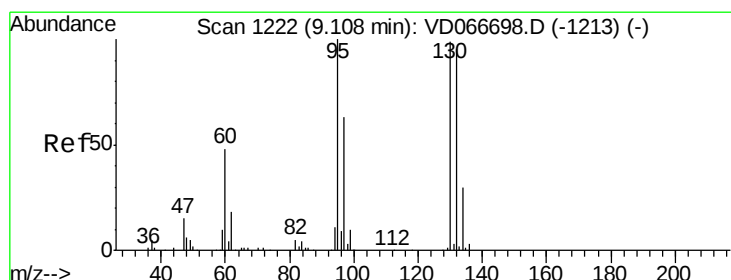
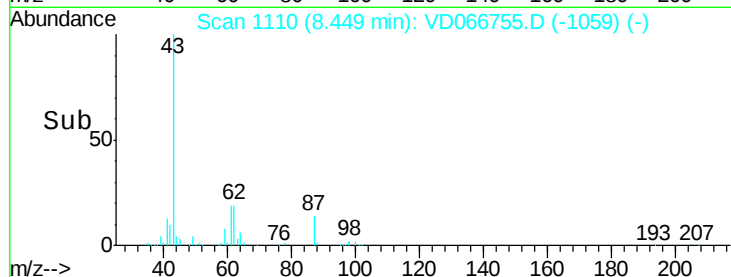
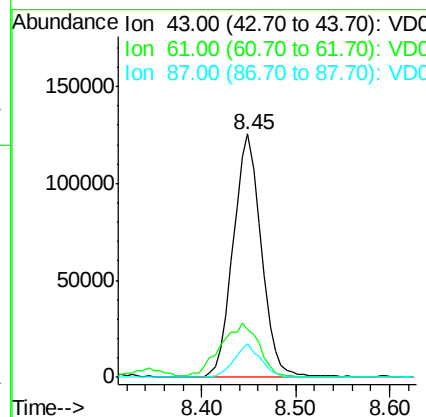
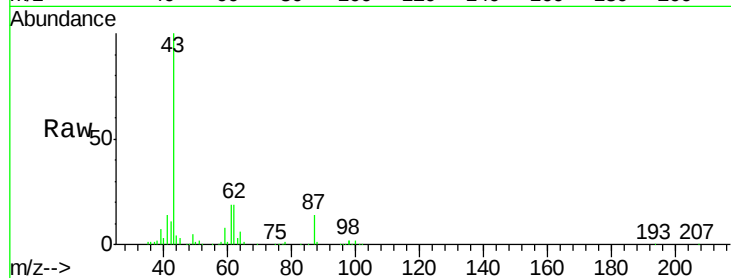
#43
Isopropyl Acetate
Concen: 55.041 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.8	37.2
87	12.9	10.4	15.6

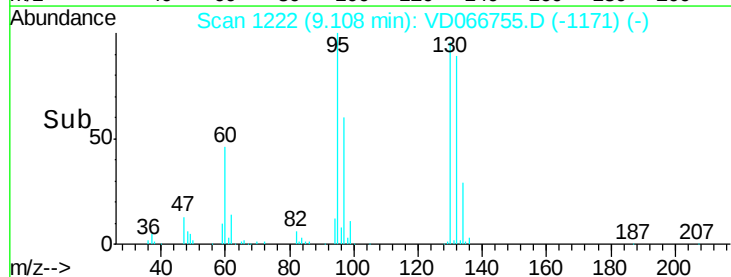
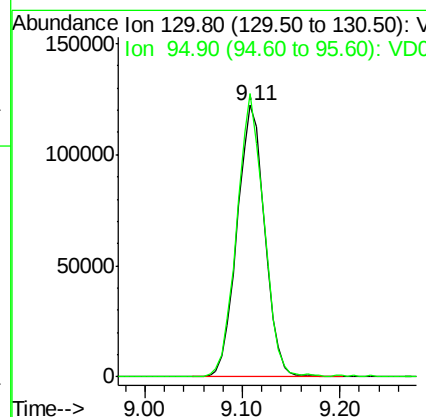
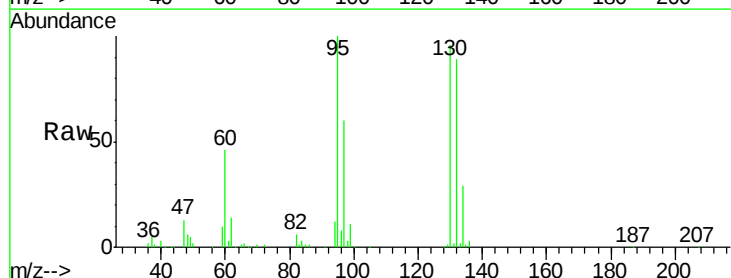
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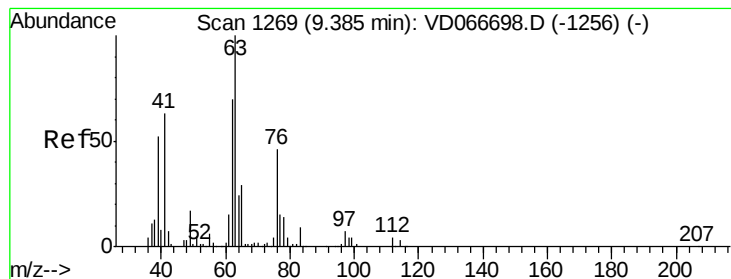
MMDadoda
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#44
Trichloroethene
Concen: 49.896 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	201.4





#45

1,2-Dichloropropane

Concen: 52.552 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 234674

Ion Ratio Lower Upper

63 100

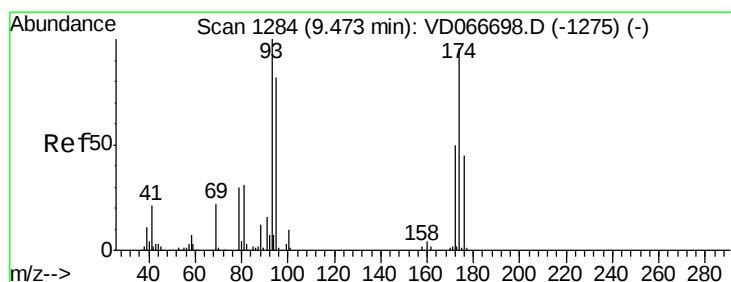
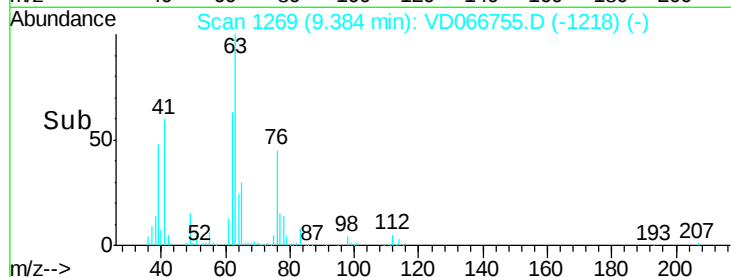
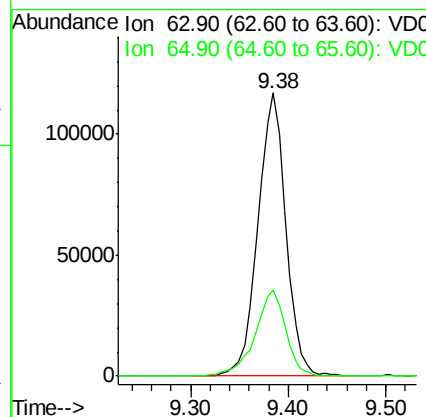
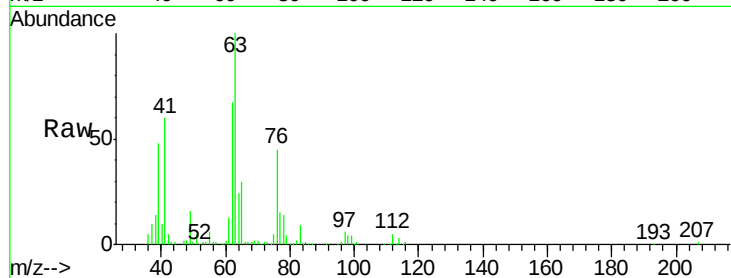
65 30.4 23.4 35.0

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#46

Dibromomethane

Concen: 54.434 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

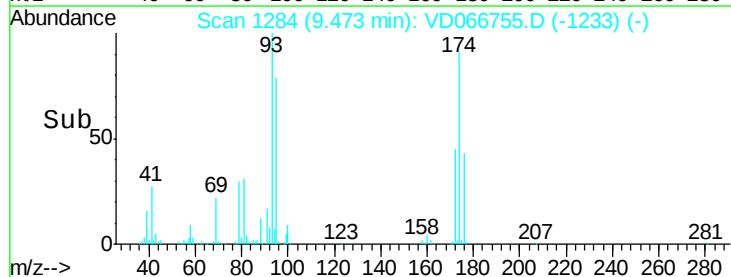
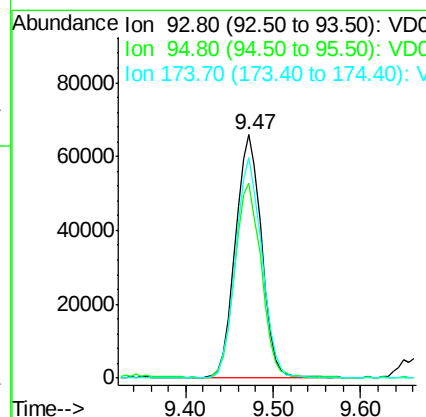
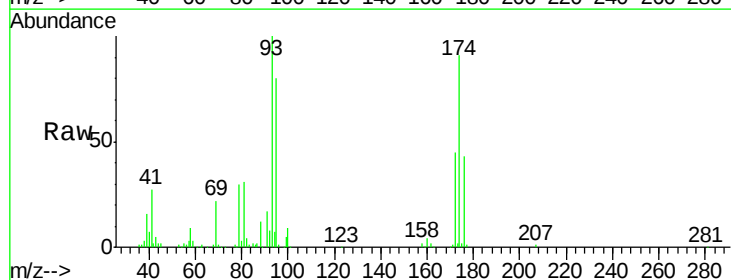
Tgt Ion: 93 Resp: 133572

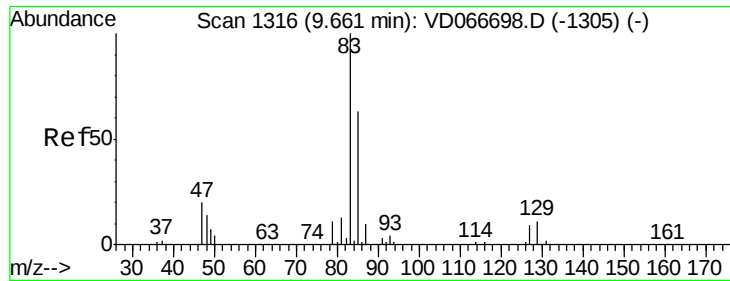
Ion Ratio Lower Upper

93 100

95 81.1 66.0 99.0

174 90.8 72.3 108.5





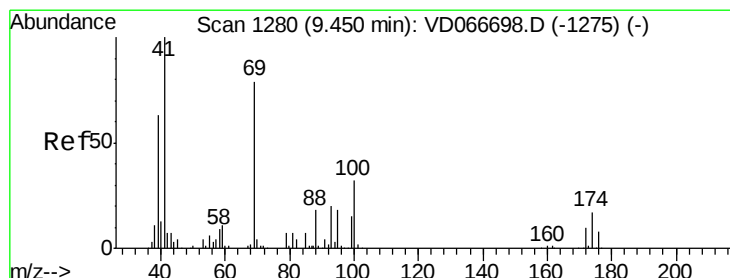
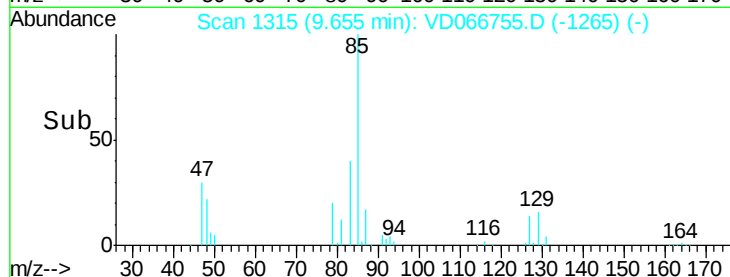
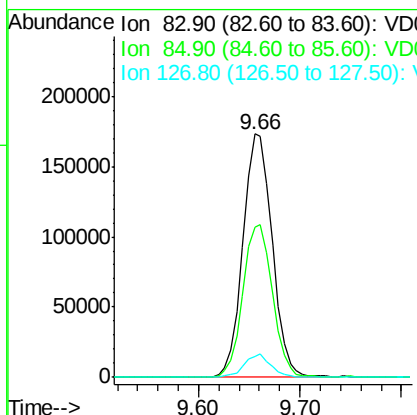
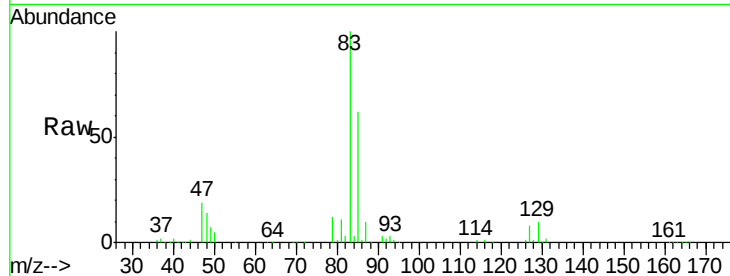
#47
Bromodichloromethane
Concen: 52.092 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	61.7	50.1	75.1	
127	8.4	6.9	10.3	

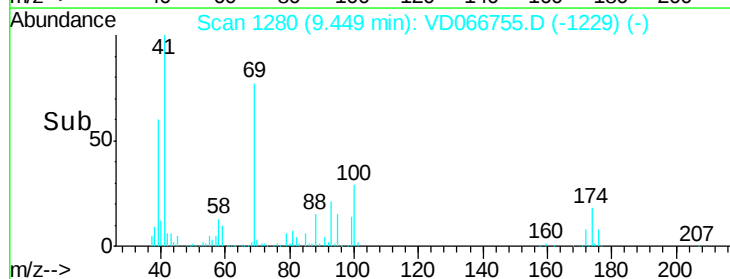
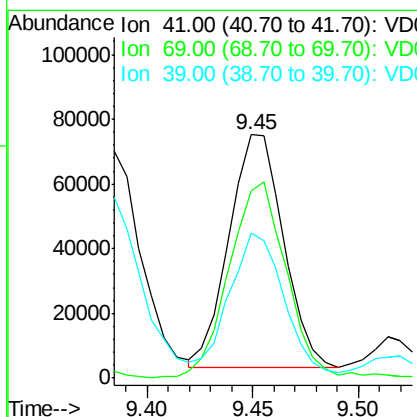
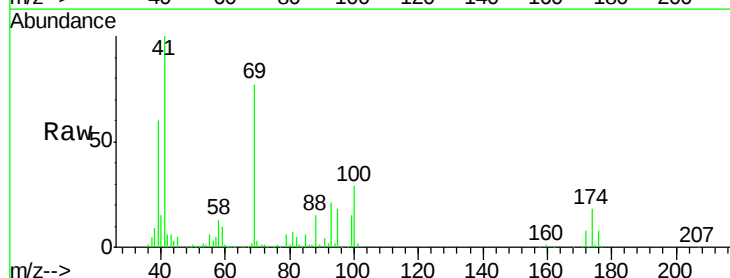
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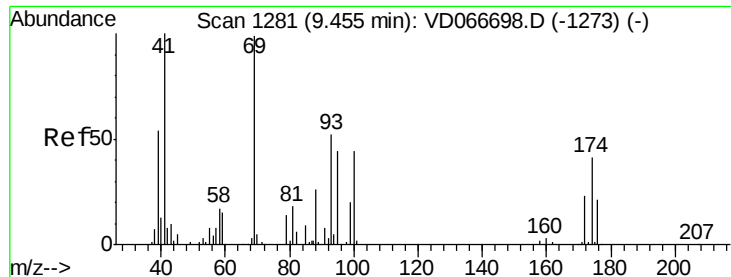
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#48
Methyl methacrylate
Concen: 53.125 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	88.3	62.4	93.6	
39	58.4	44.8	67.2	





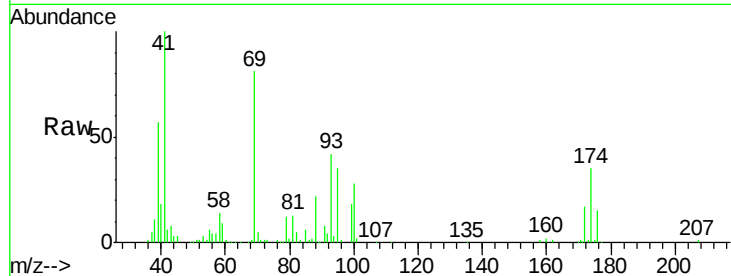
#49
1,4-Dioxane
Concen: 1146.839 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

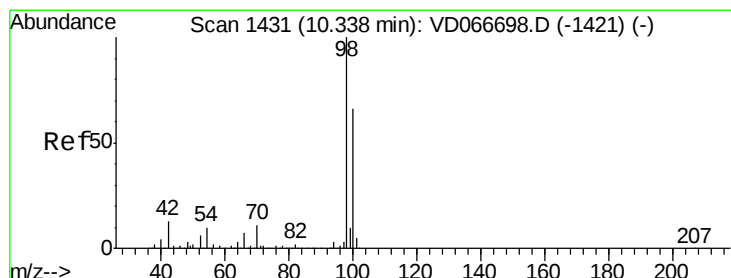
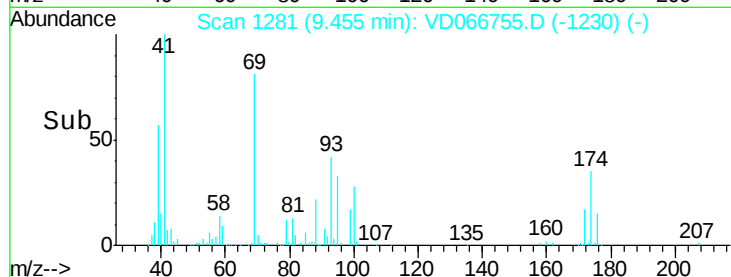
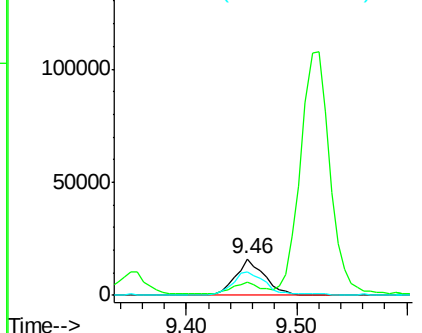
Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.4	29.3	43.9	
58	71.2	51.4	77.2	

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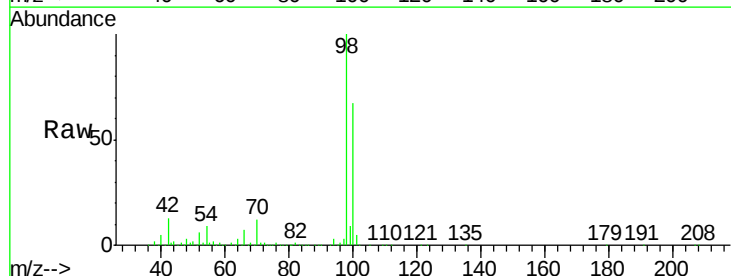


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

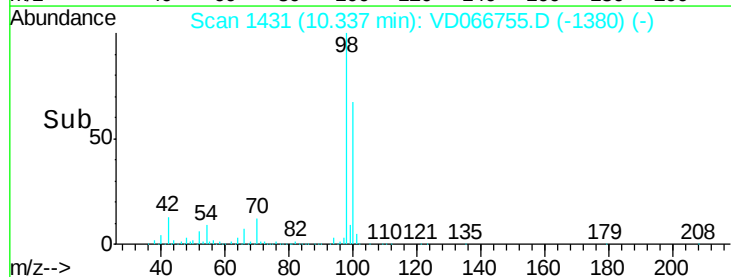
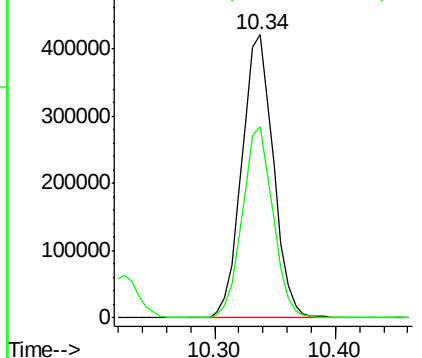


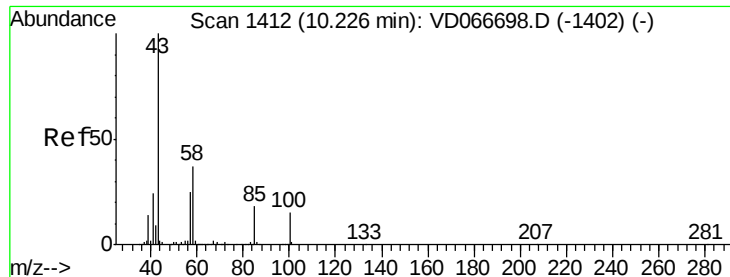
#50
Toluene-d8
Concen: 54.145 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	65.5	52.7	79.1	



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 282.711 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 692457

Ion Ratio Lower Upper

43 100

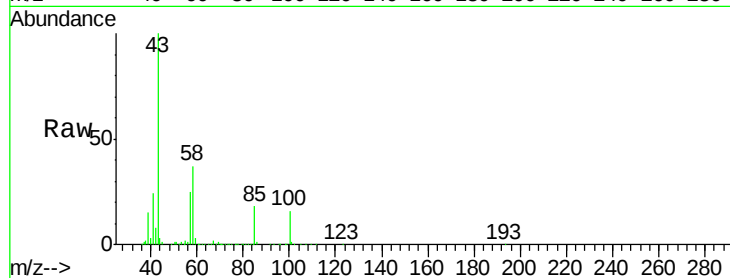
58 38.4 30.4 45.6

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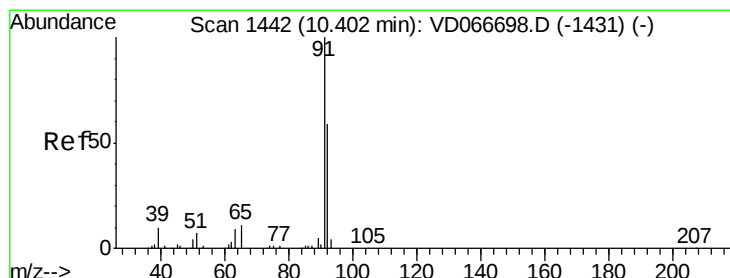
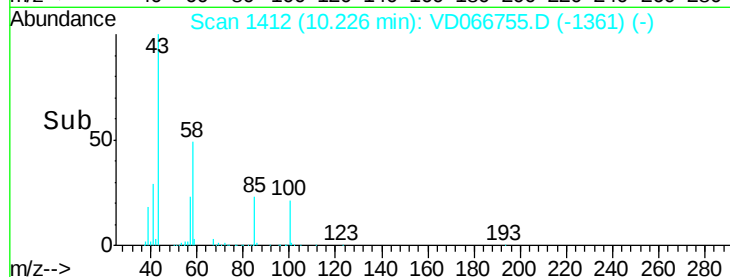
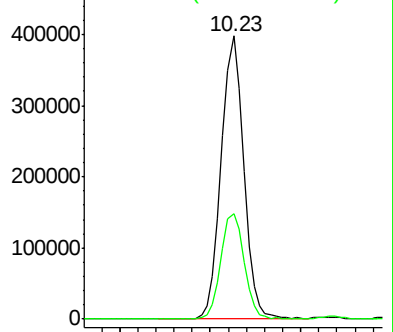
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.853 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066755.D

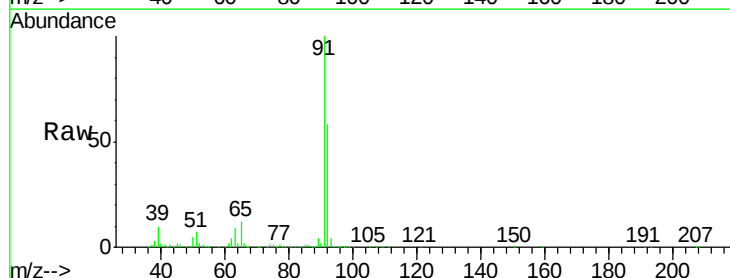
Acq: 17 Sep 2020 20:08

Tgt Ion: 92 Resp: 600014

Ion Ratio Lower Upper

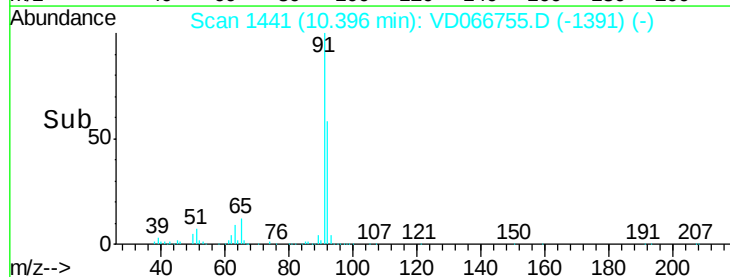
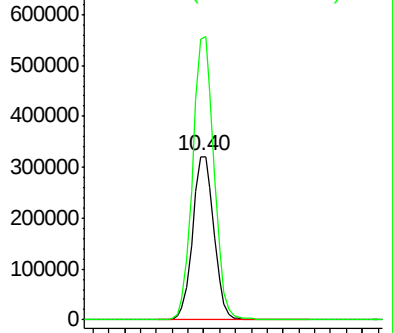
92 100

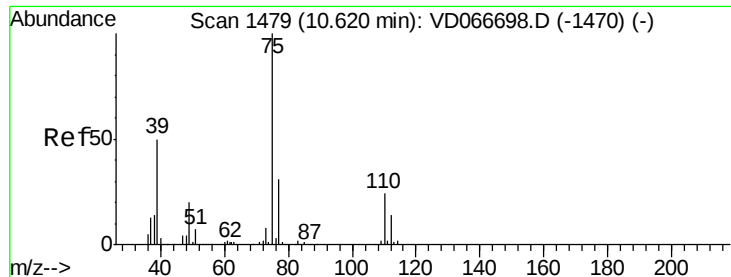
91 173.0 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





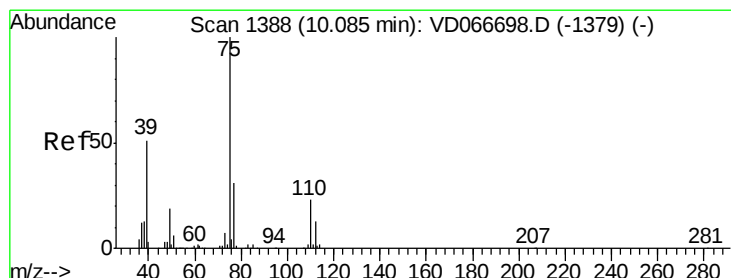
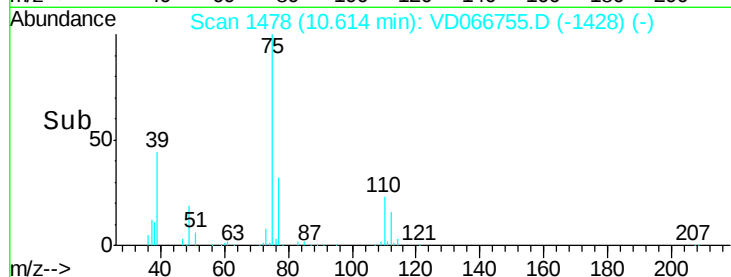
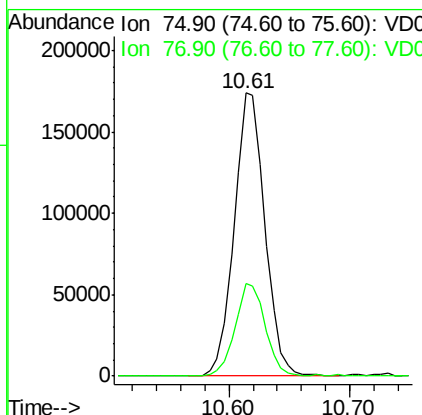
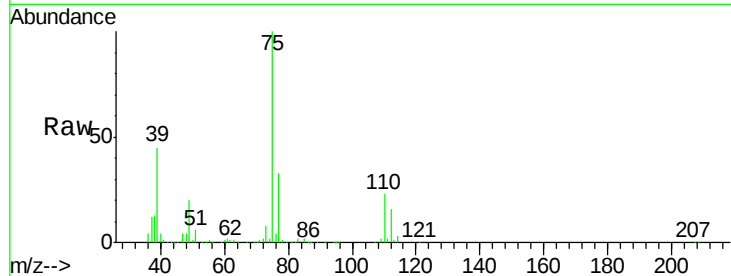
#53
t-1,3-Dichloropropene
Concen: 51.585 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	308129		
77	32.4	24.6	36.8	

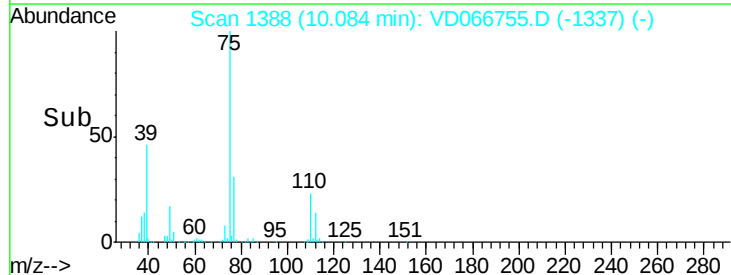
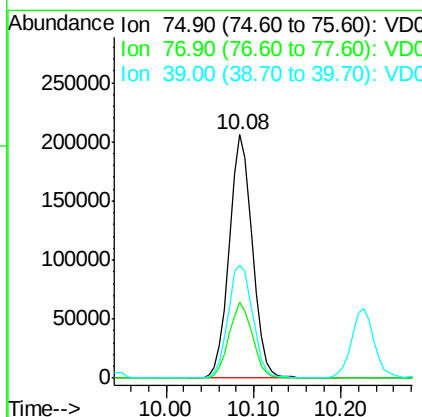
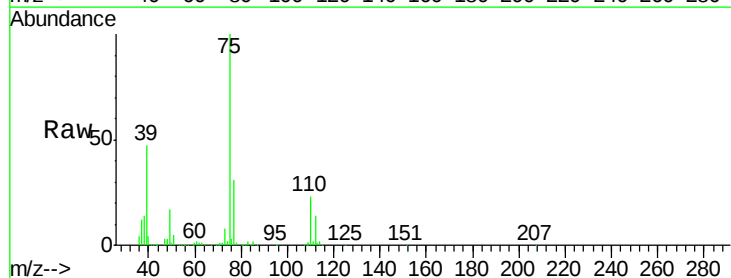
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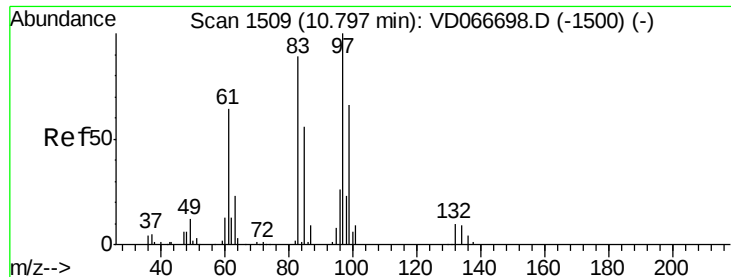
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#54
cis-1,3-Dichloropropene
Concen: 51.807 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	367557		
77	31.0	25.0	37.6	
39	46.3	40.6	61.0	





#55

1,1,2-Trichloroethane

Concen: 52.980 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

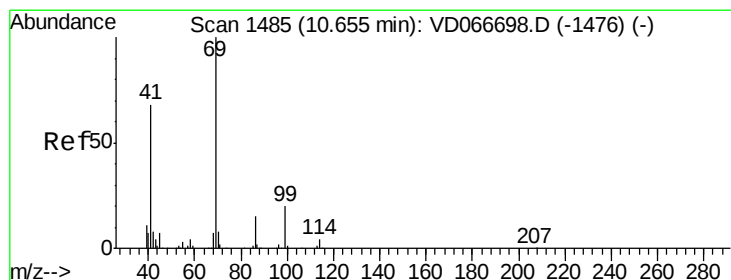
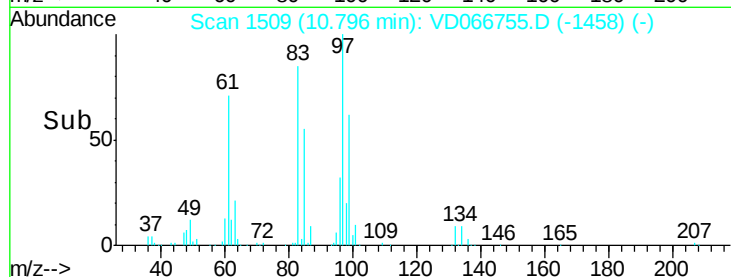
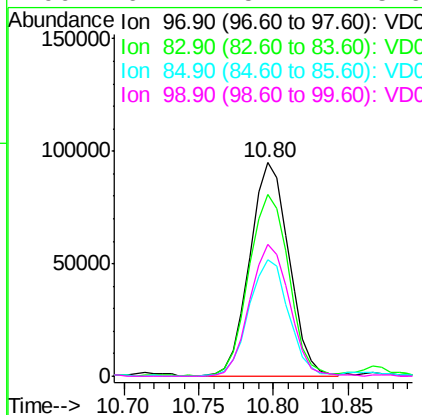
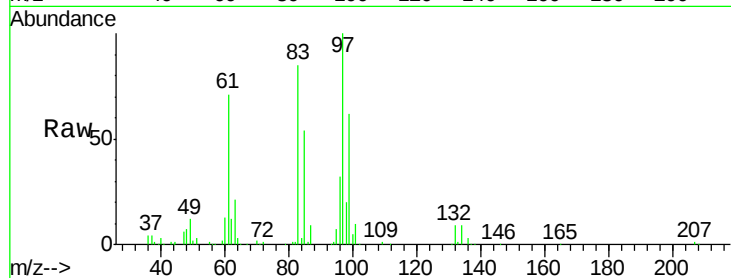
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	171405
Ion	Ratio	Lower	Upper
97	100		
83	84.4	71.4	107.2
85	54.5	44.7	67.1
99	61.7	52.4	78.6

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#56

Ethyl methacrylate

Concen: 58.773 ug/l

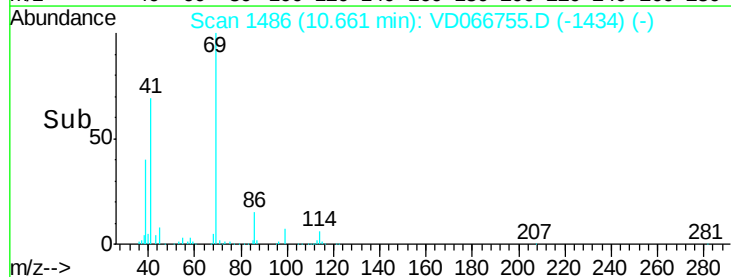
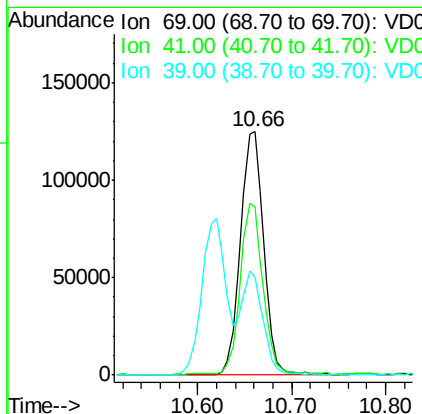
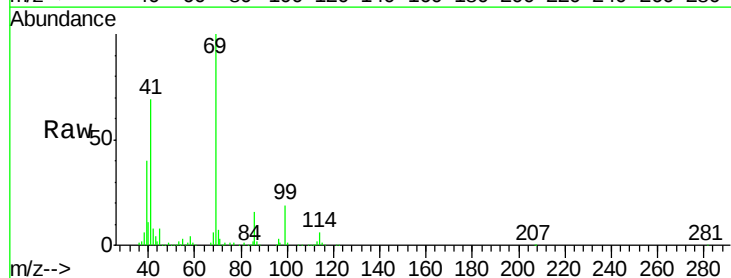
RT: 10.66 min Scan# 1486

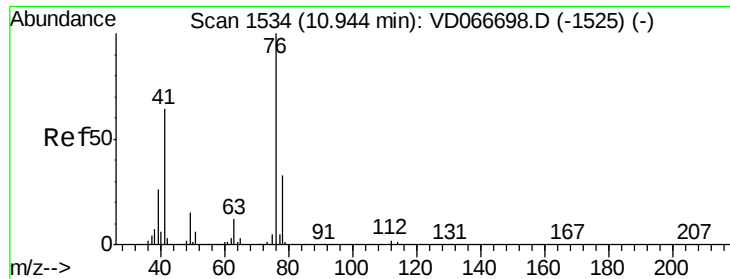
Delta R.T. 0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	69	Resp:	215781
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.5	83.3
39	39.8	29.7	44.5





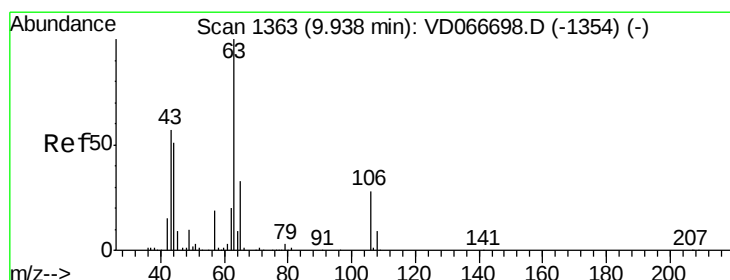
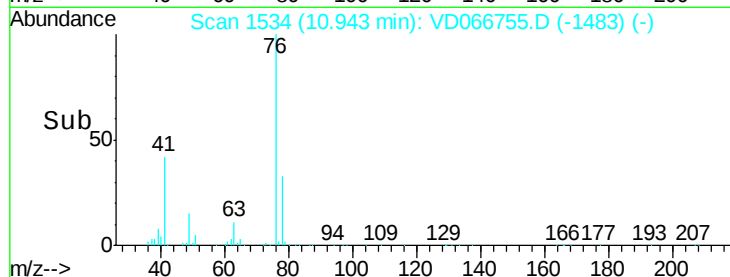
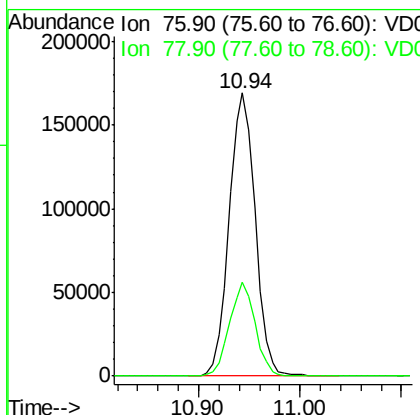
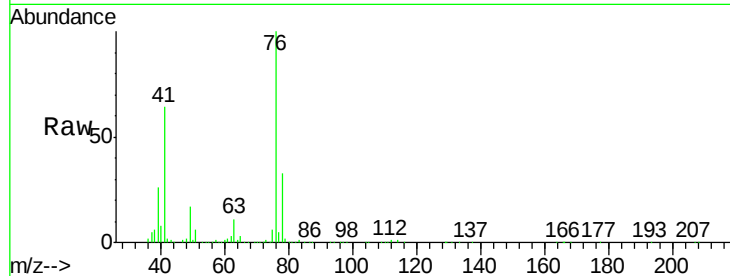
#57
 1,3-Dichloropropane
 Concen: 53.088 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 301417
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2

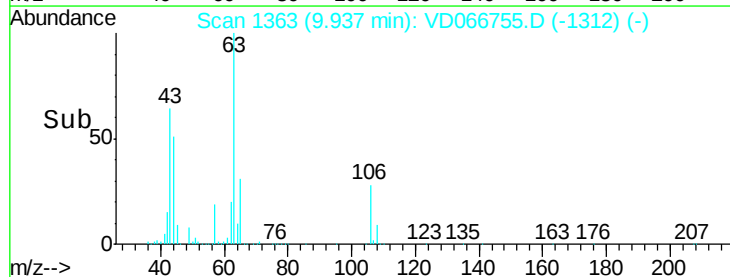
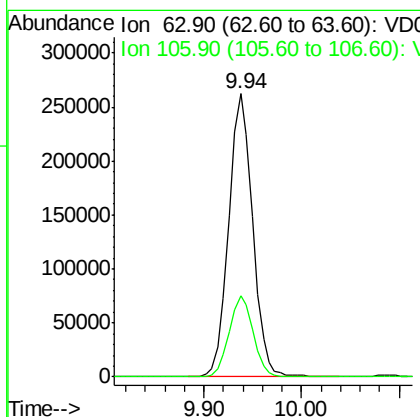
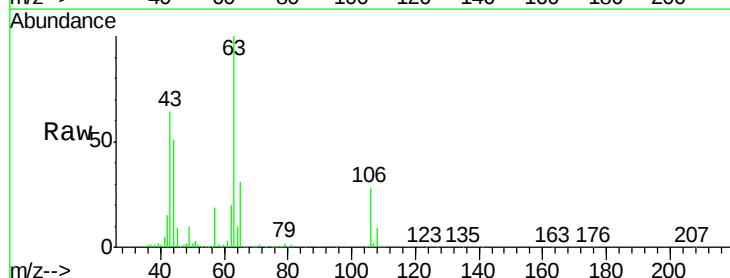
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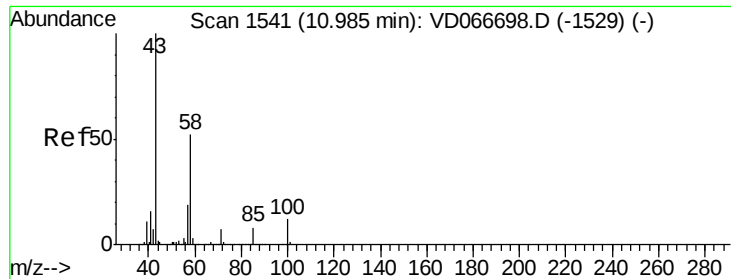
MMDadoda
 9/18/2020 12:18:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 277.444 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Tgt Ion: 63 Resp: 447368
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.2 33.4





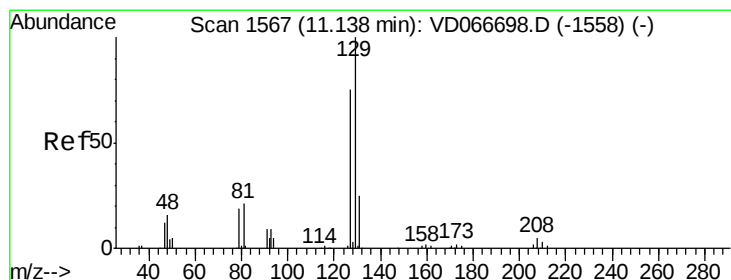
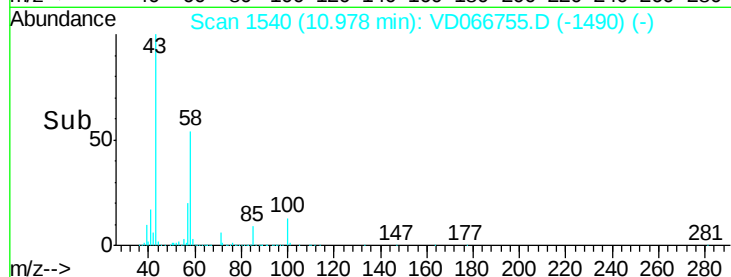
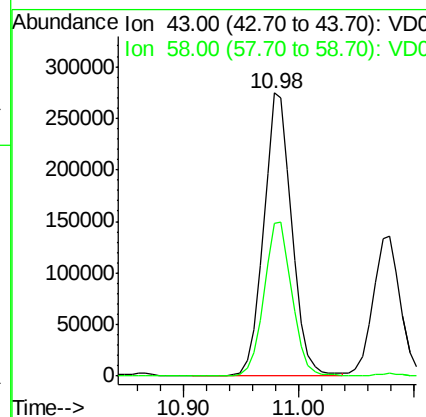
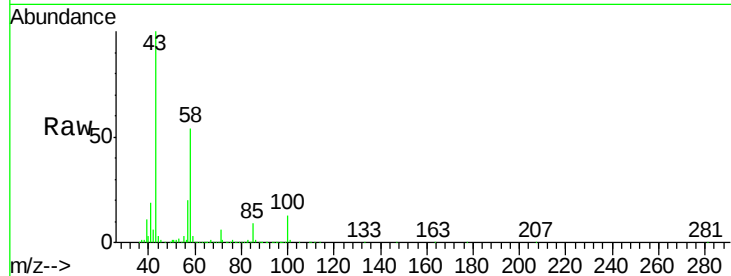
#59
2-Hexanone
Concen: 282.096 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 464259
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5

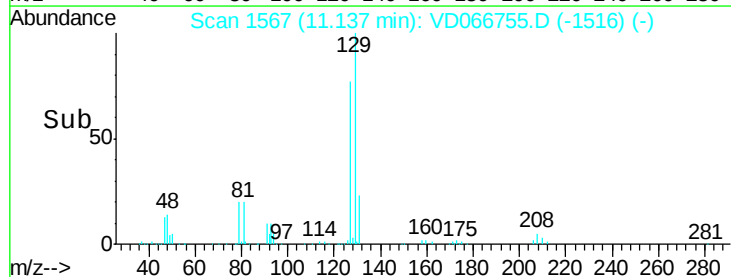
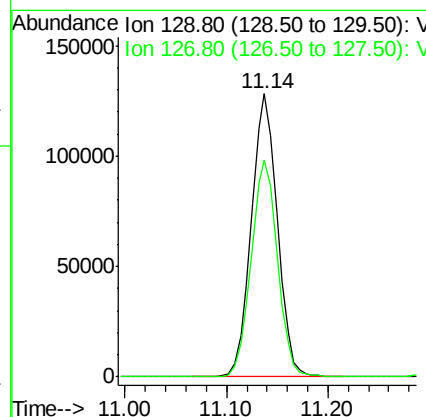
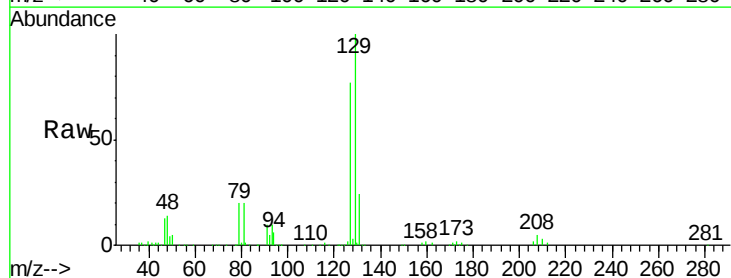
Manual Integrations
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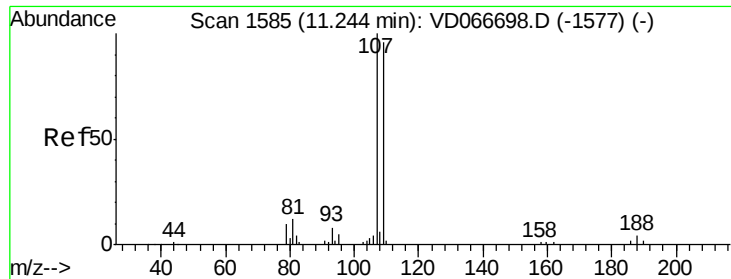
MMDadoda
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#60
Dibromochloromethane
Concen: 54.293 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion: 129 Resp: 228874
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3





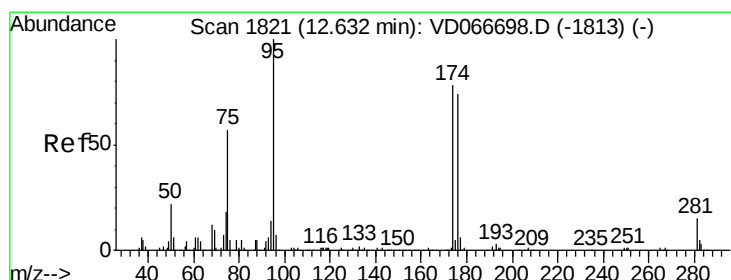
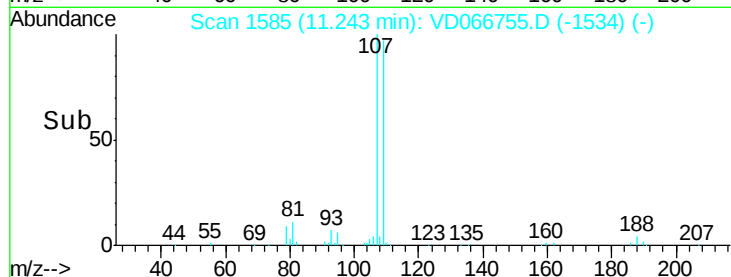
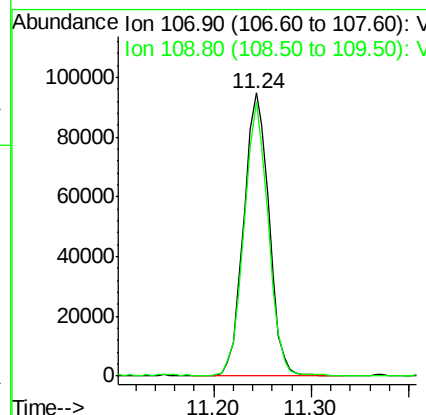
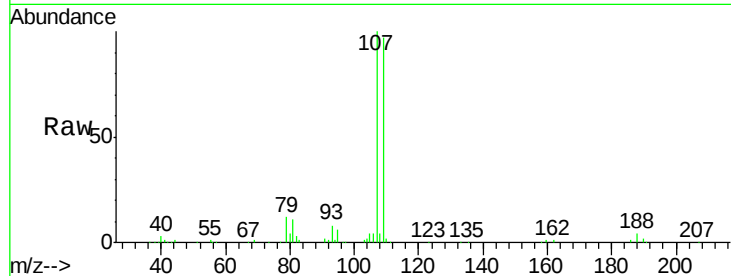
#61
1,2-Dibromoethane
Concen: 55.301 ug/l
RT: 11.24 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.6	113.4

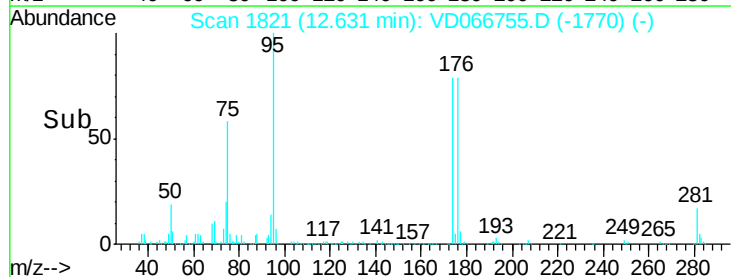
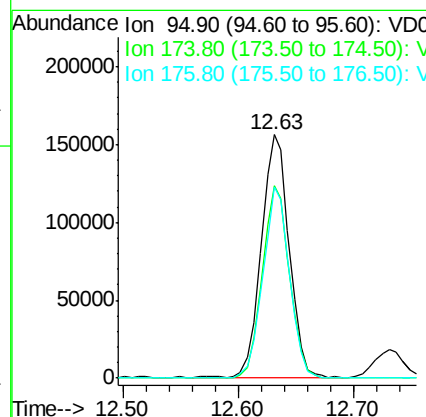
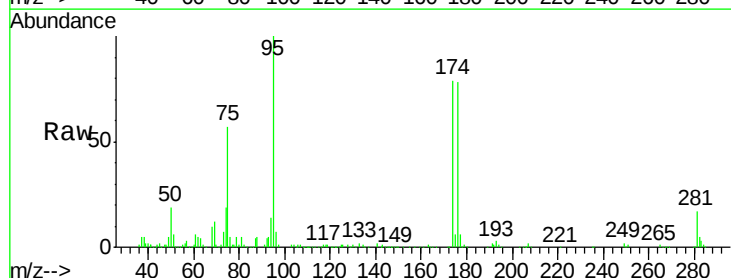
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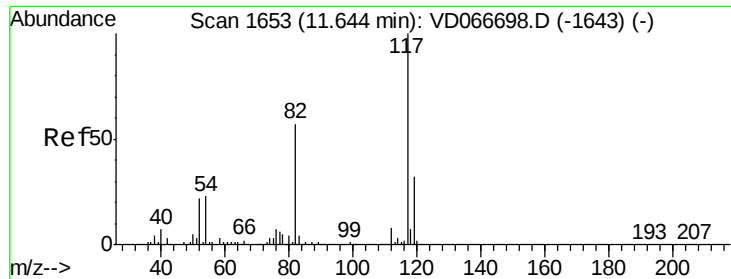
MMDadoda
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#62
4-Bromofluorobenzene
Concen: 53.315 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	156.6
176	75.2	0.0	150.2





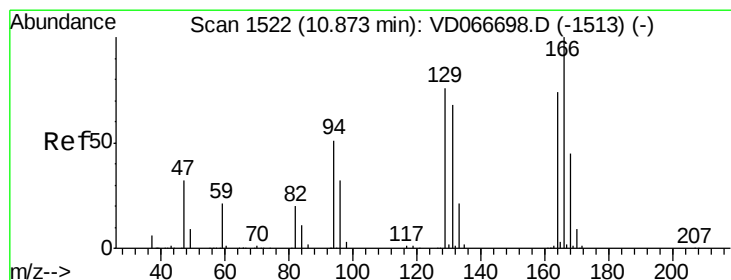
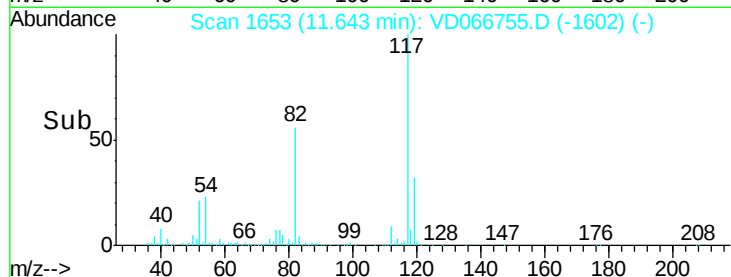
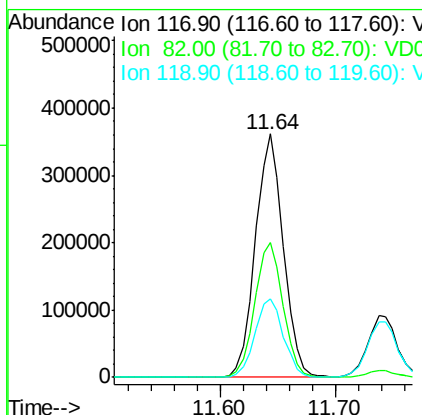
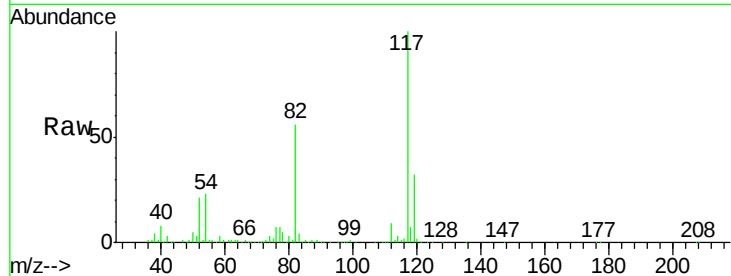
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.0
119	32.5	25.8	38.6

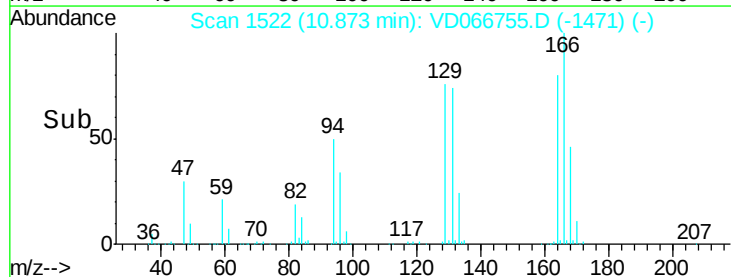
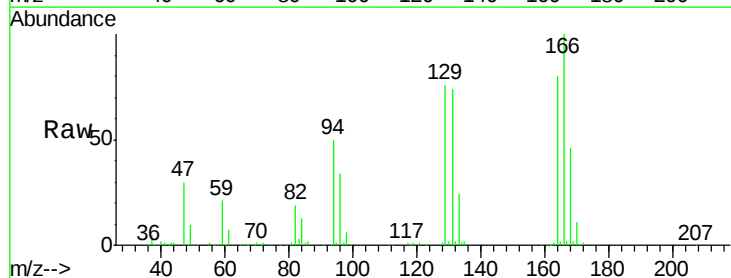
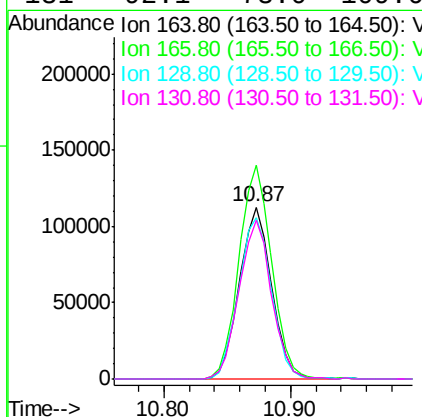
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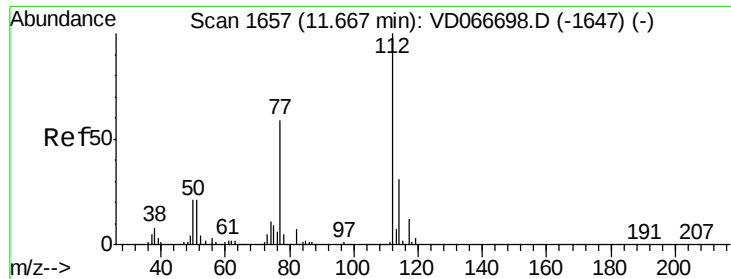
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#64
Tetrachloroethene
Concen: 47.342 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	107.5	161.3
129	94.1	81.4	122.0
131	92.1	73.0	109.6





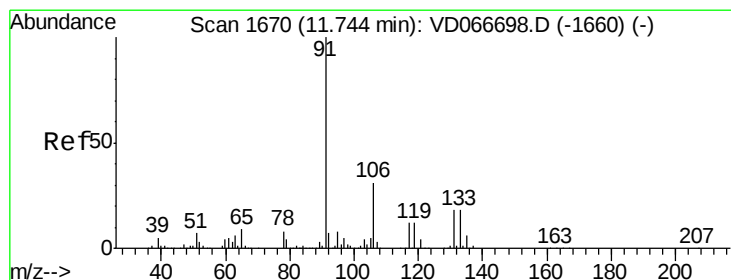
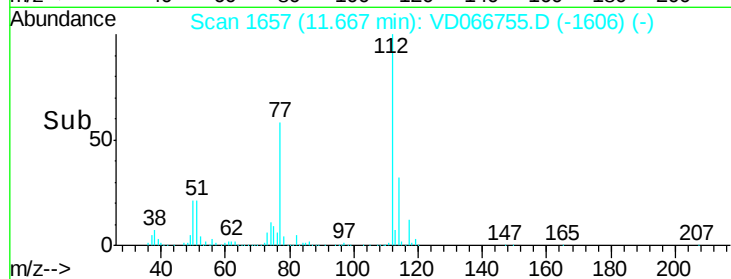
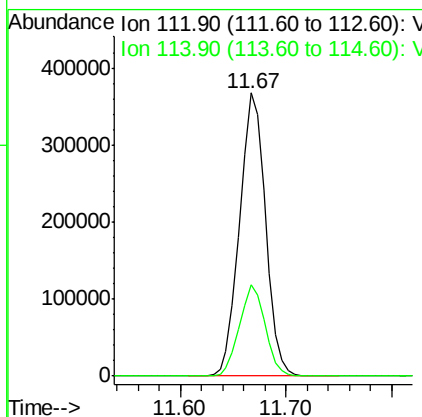
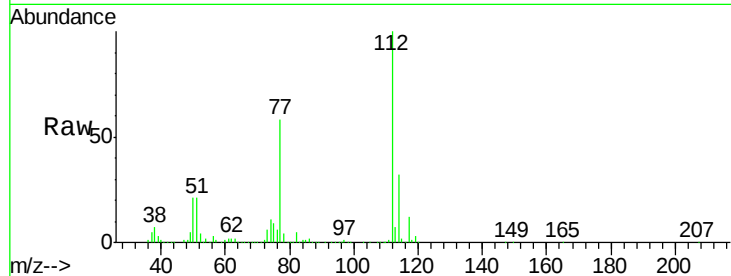
#65
Chlorobenzene
Concen: 49.437 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.0	37.6

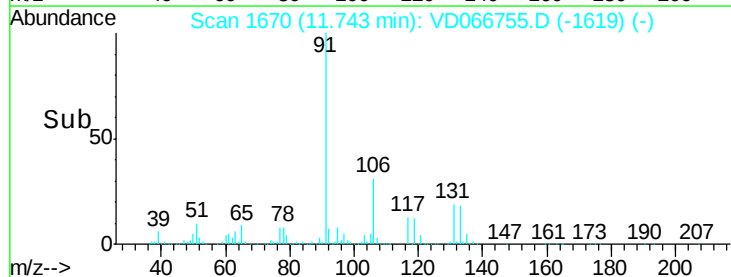
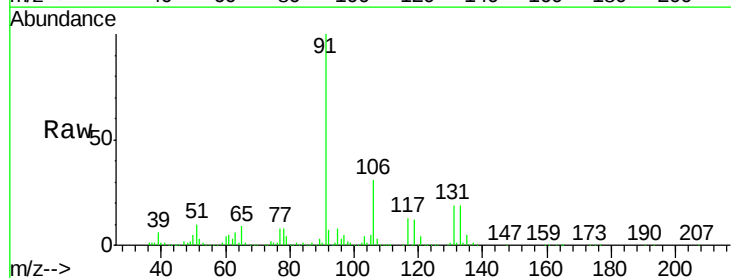
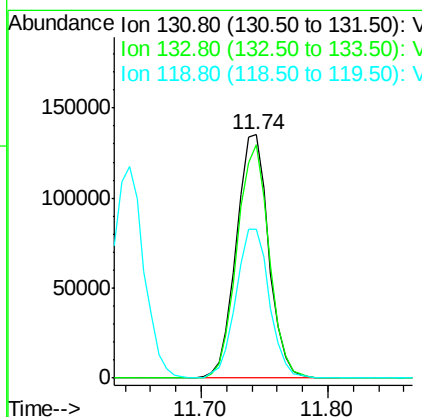
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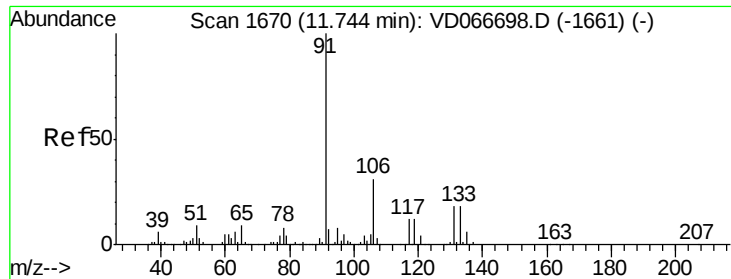
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.244 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.8	143.3
119	63.2	33.6	100.8





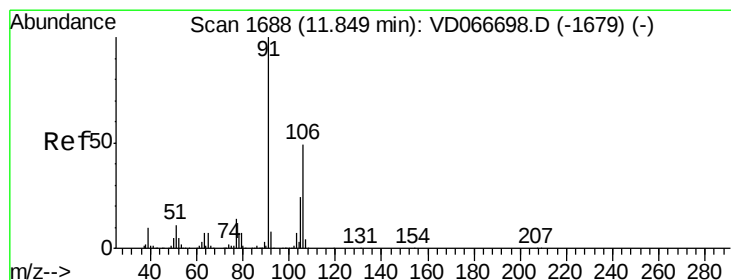
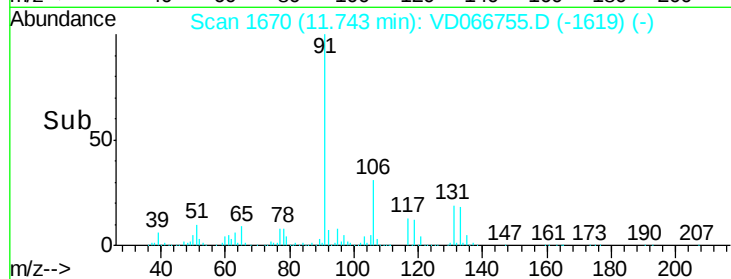
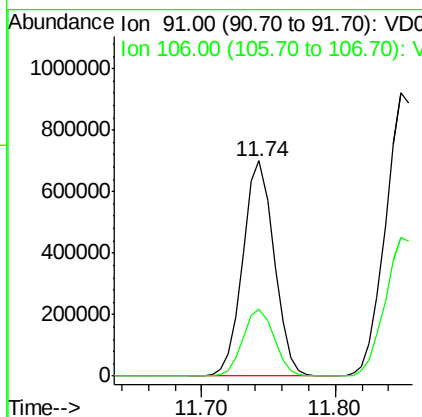
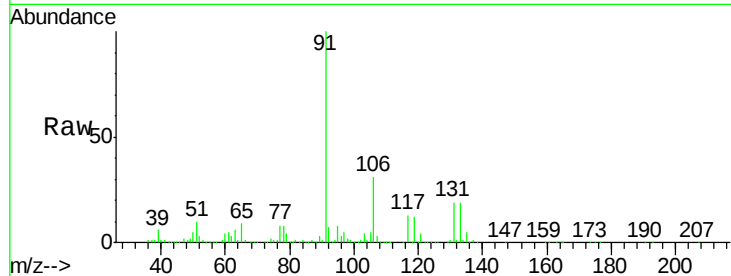
#67
Ethyl Benzene
Concen: 49.451 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1134230
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

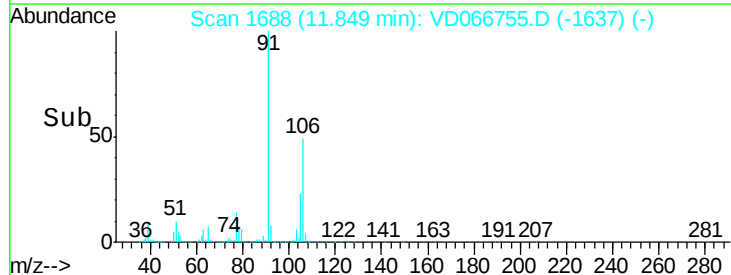
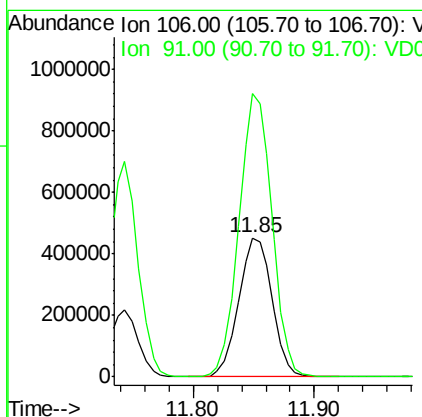
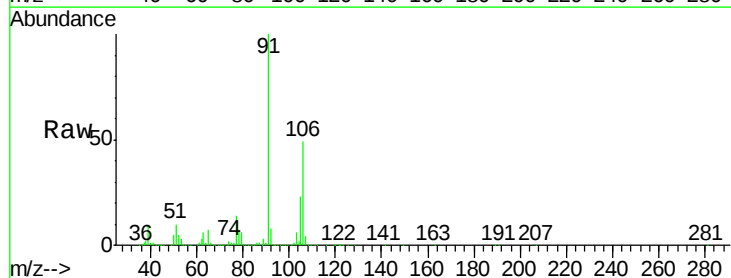
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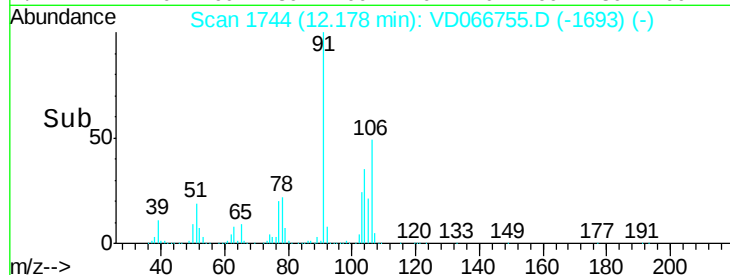
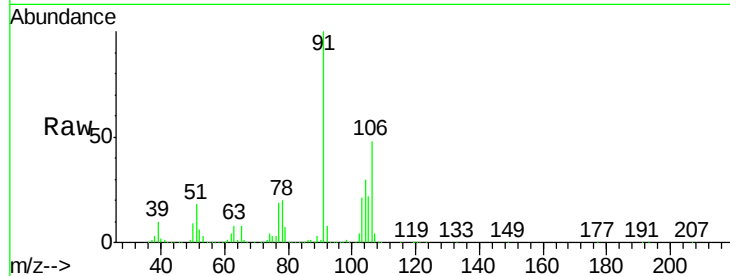
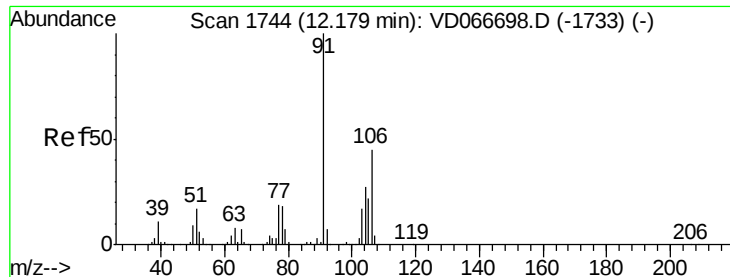
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#68
m/p-Xylenes
Concen: 99.826 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion: 106 Resp: 865369
Ion Ratio Lower Upper
106 100
91 202.5 164.8 247.2





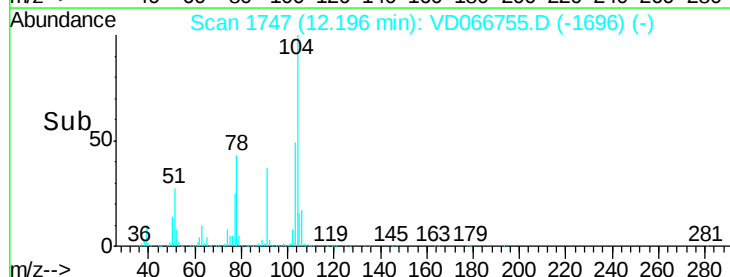
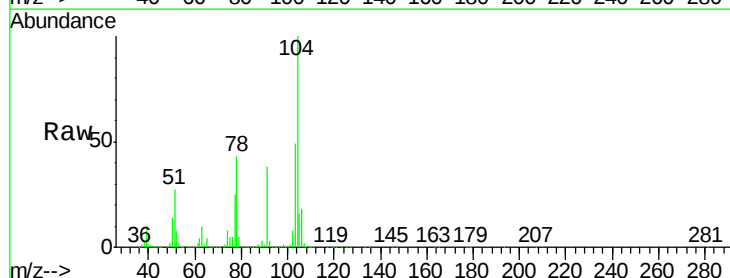
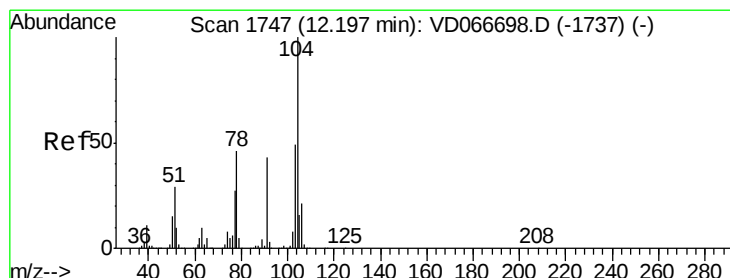
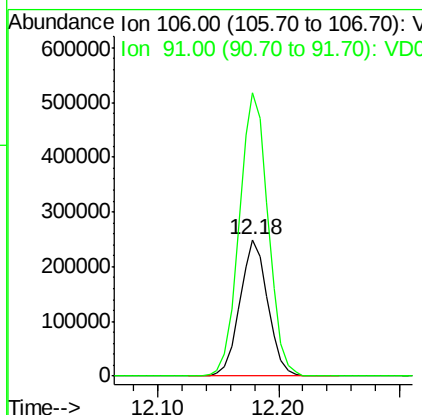
#69
o-Xylene
Concen: 52.320 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tot Ion:106 Resp: 400801
Ion Ratio Lower Upper
106 100
91 214.7 109.4 328.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

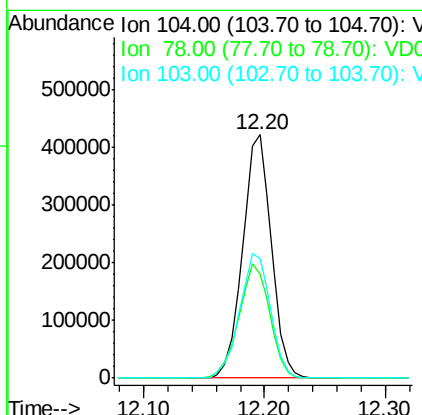
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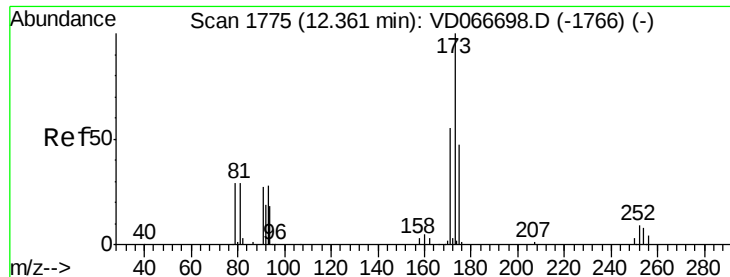
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#70
Styrene
Concen: 52.005 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion:104 Resp: 701177
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.4
103 54.8 42.5 63.7





#71

Bromoform

Concen: 52.350 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 122747

Ion Ratio Lower Upper

173 100

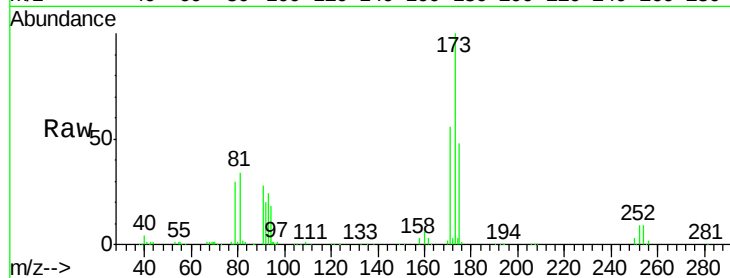
175 48.9 24.3 72.8

254 0.1 0.1 0.1#

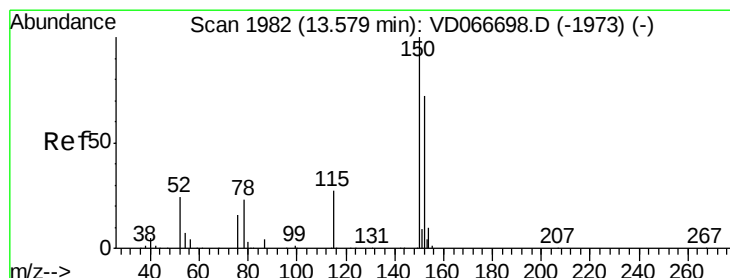
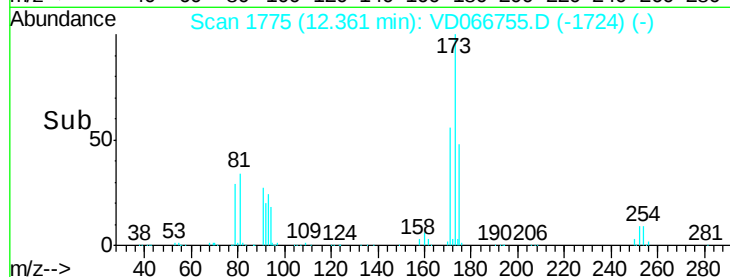
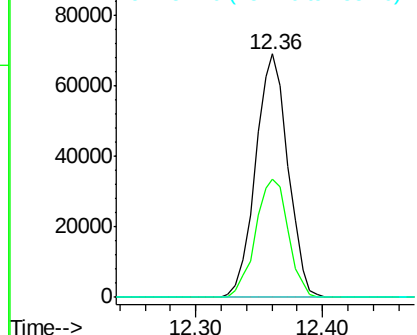
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

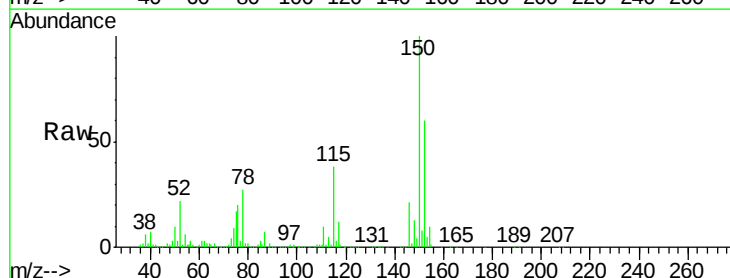
Tgt Ion:152 Resp: 279343

Ion Ratio Lower Upper

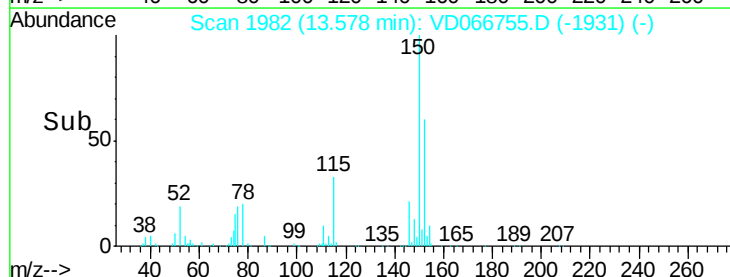
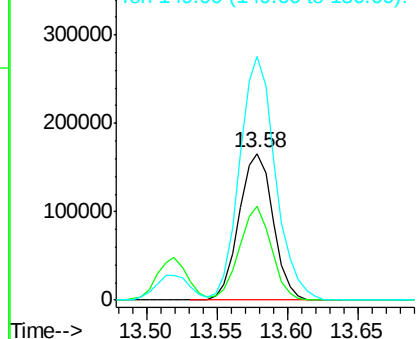
152 100

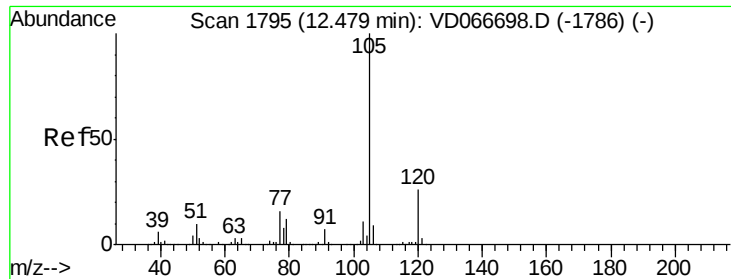
115 60.2 30.5 91.5

150 174.8 0.0 344.6



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





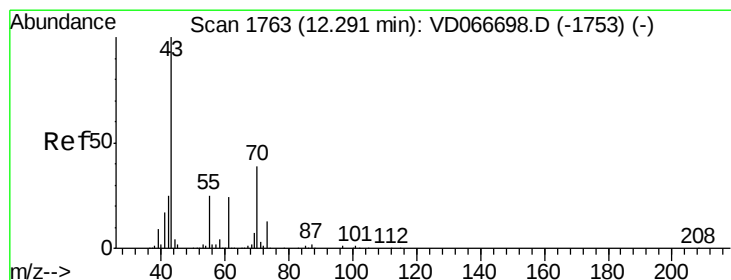
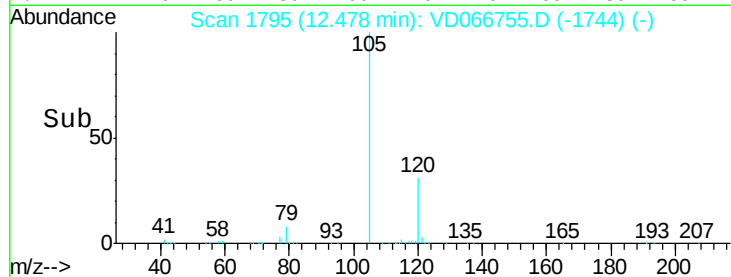
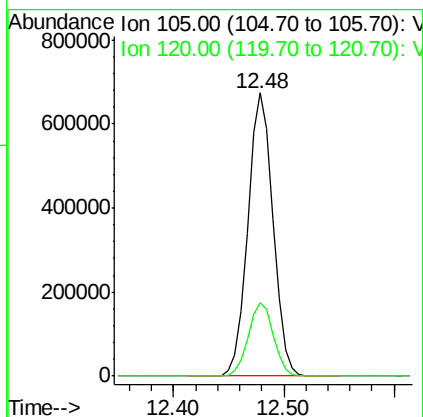
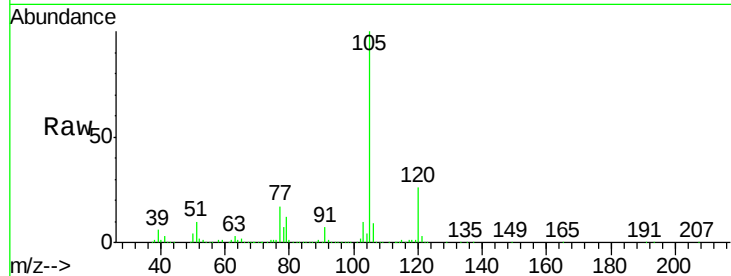
#73
Isopropylbenzene
Concen: 51.545 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1074894
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

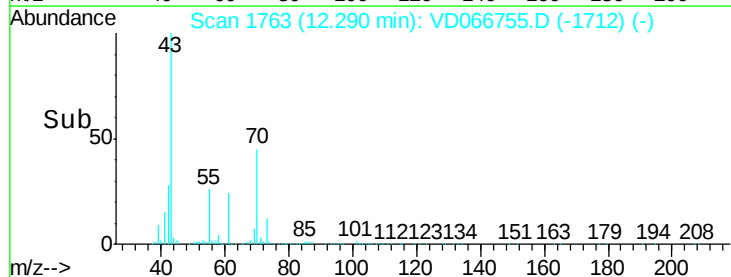
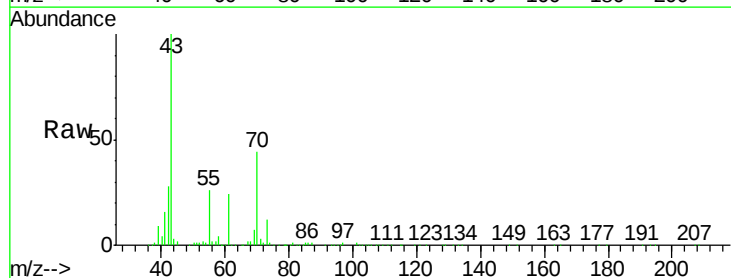
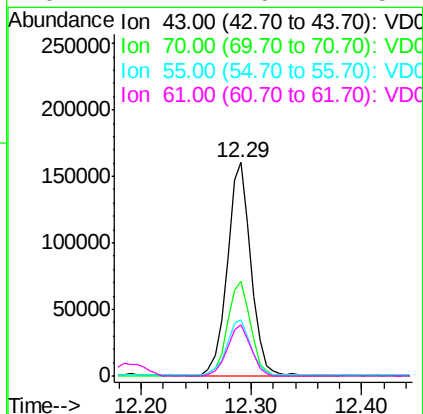
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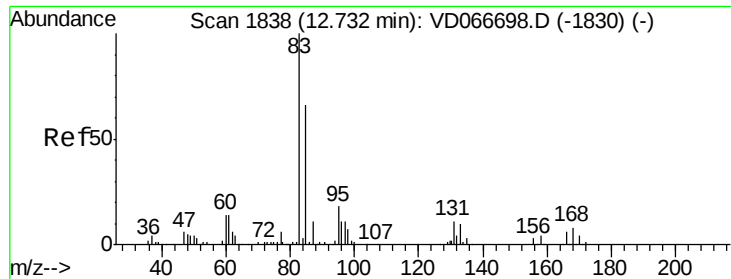
MMDadoda
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#74
N-ethyl acetate
Concen: 54.153 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion: 43 Resp: 238216
Ion Ratio Lower Upper
43 100
70 44.1 33.0 49.4
55 27.2 20.6 30.8
61 24.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.313 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

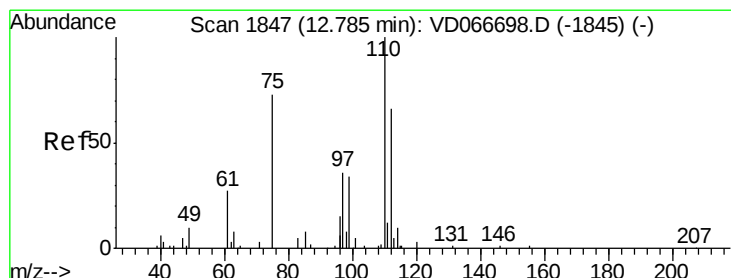
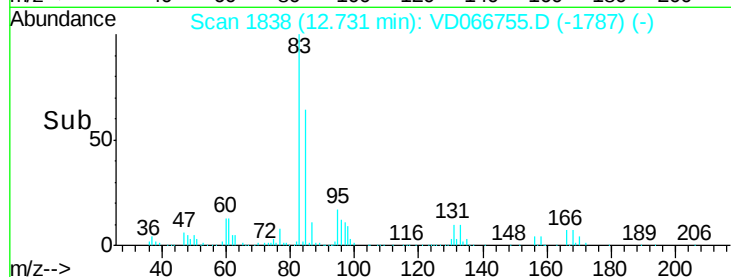
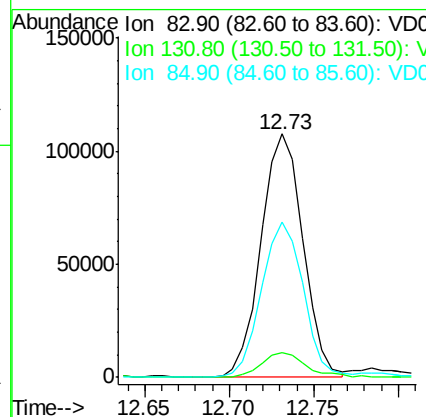
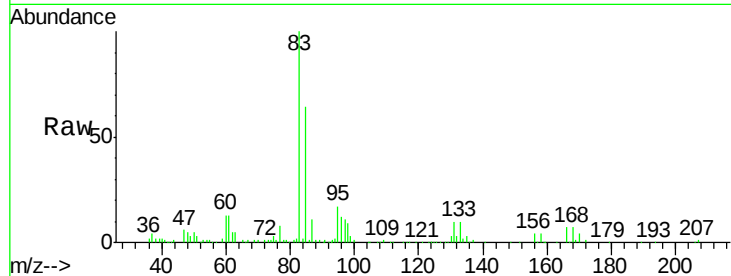
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	185375
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.8	17.3
85	63.6	33.3	99.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.918 ug/l m

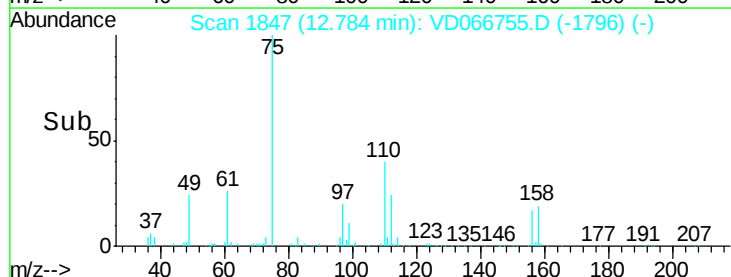
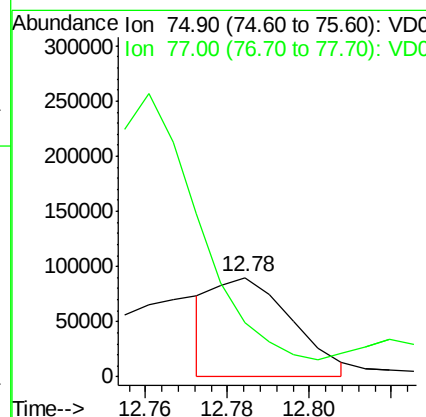
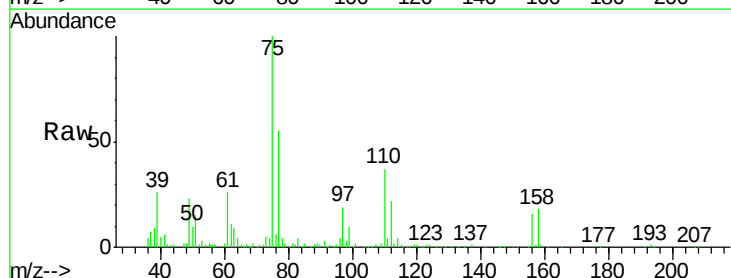
RT: 12.78 min Scan# 1847

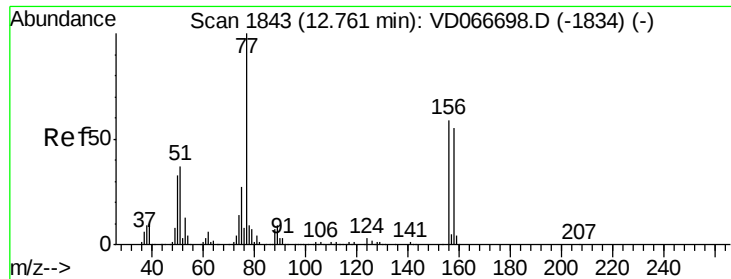
Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	75	Resp:	119358
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.165 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

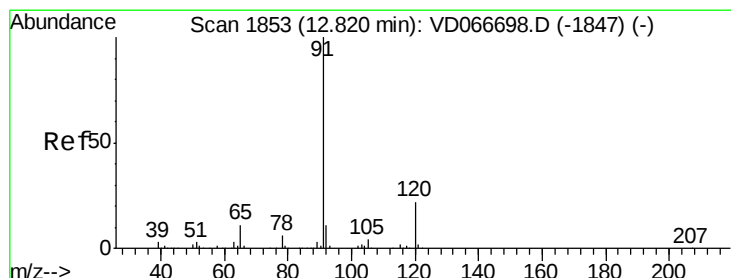
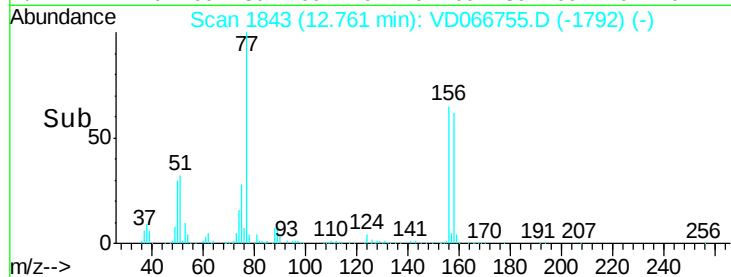
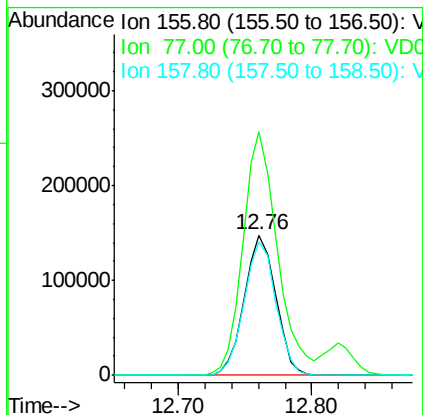
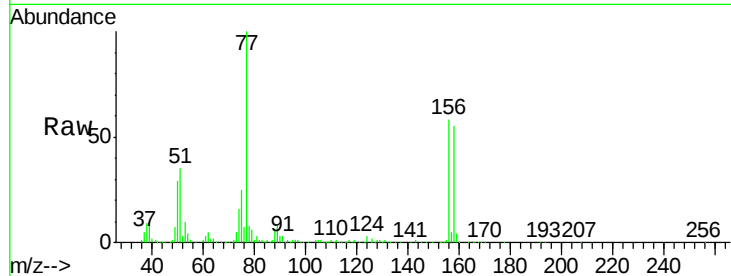
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	241114
Ion Ratio	Lower	Upper	
156	100		
77	189.8	95.8	287.3
158	96.3	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 49.850 ug/l

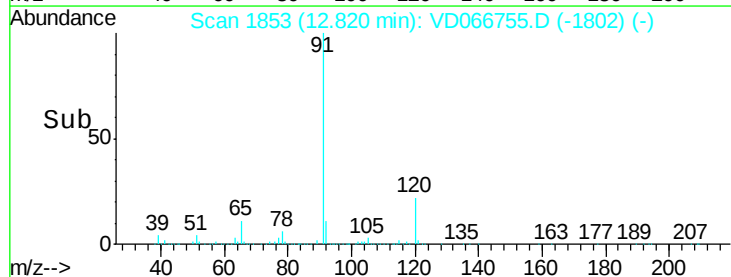
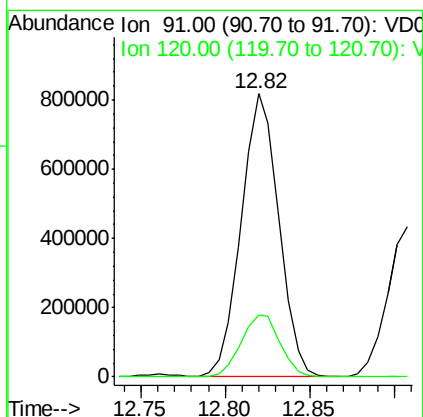
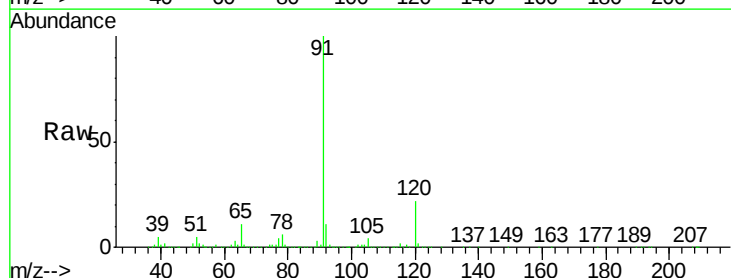
RT: 12.82 min Scan# 1853

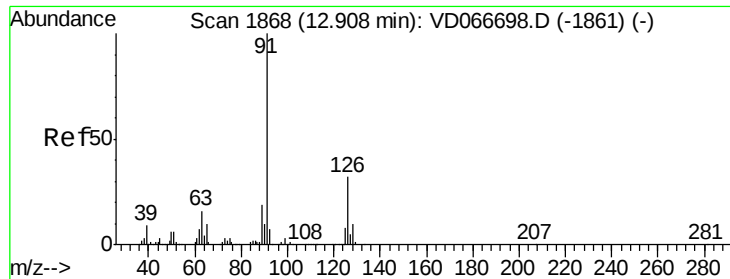
Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	91	Resp:	1267234
Ion Ratio	Lower	Upper	
91	100		
120	22.7	10.9	32.9





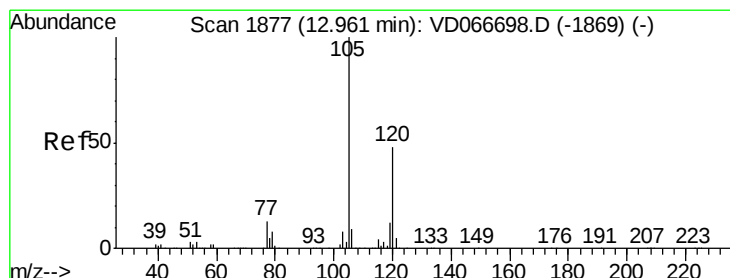
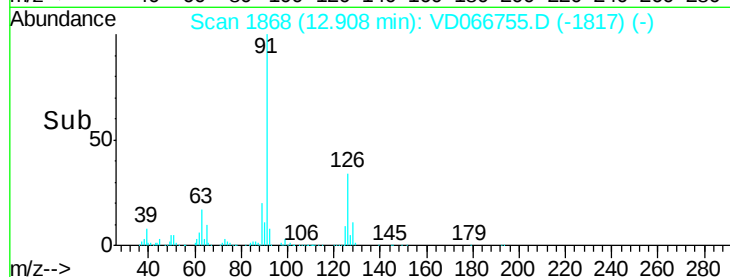
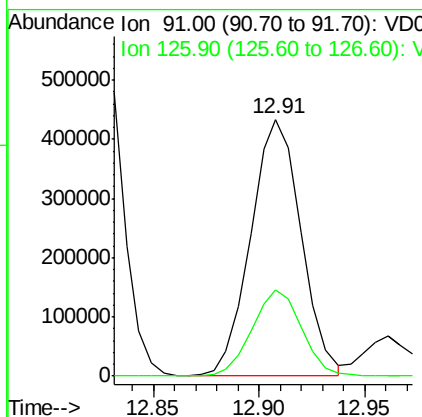
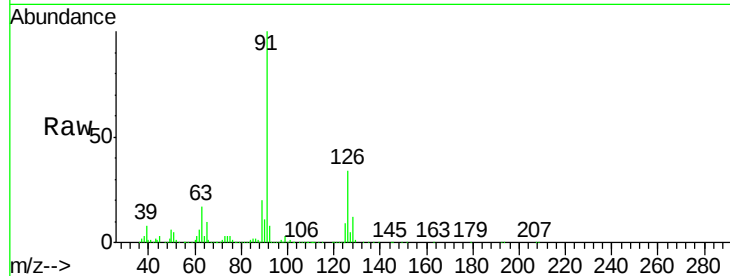
#79
2-Chlorotoluene
Concen: 49.807 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.2	48.6

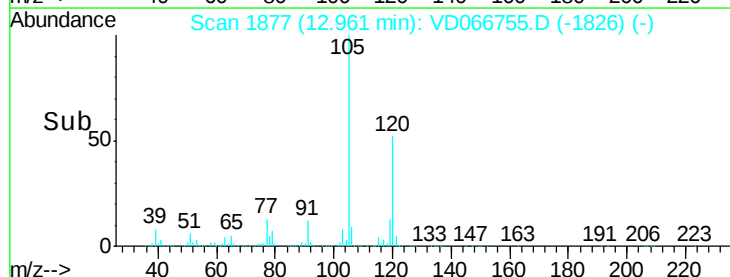
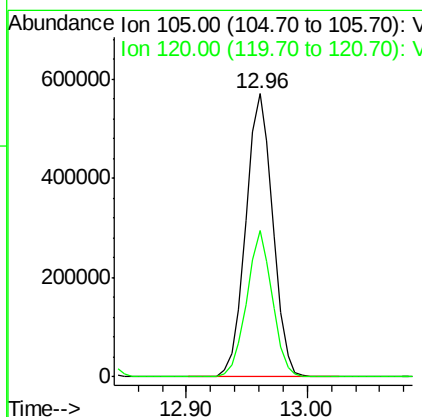
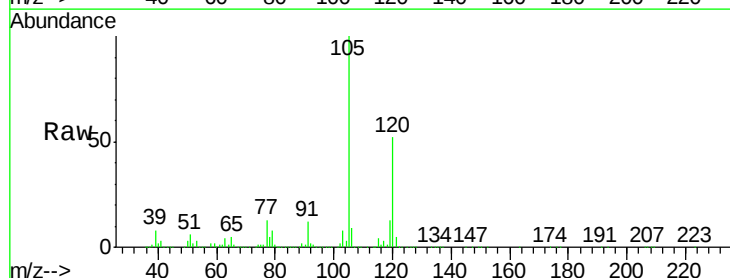
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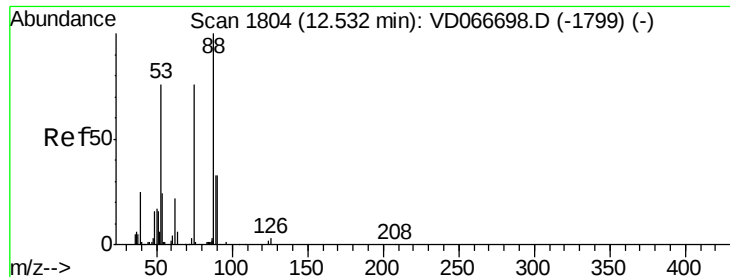
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#80
1,3,5-Trimethylbenzene
Concen: 50.433 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.9	71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 50.583 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 56042

Ion Ratio Lower Upper

75 100

53 102.5 82.2 123.4

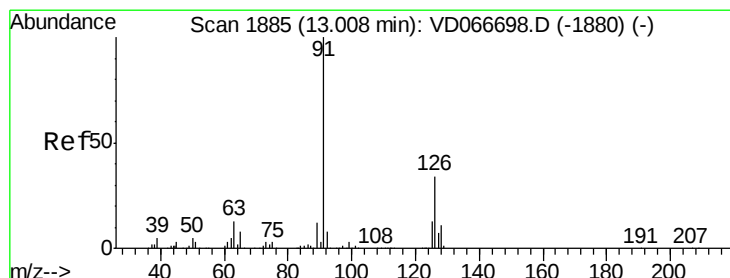
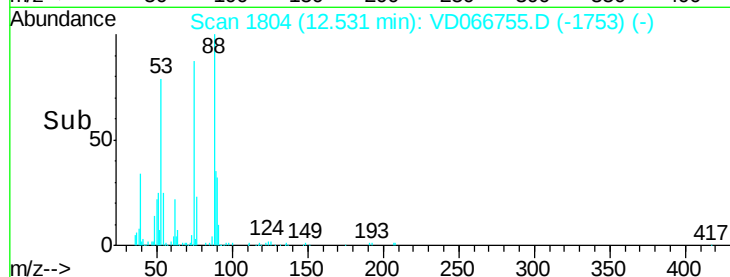
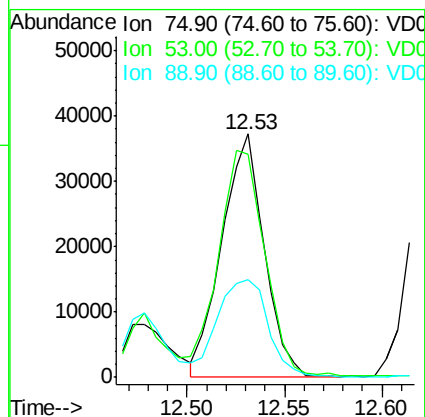
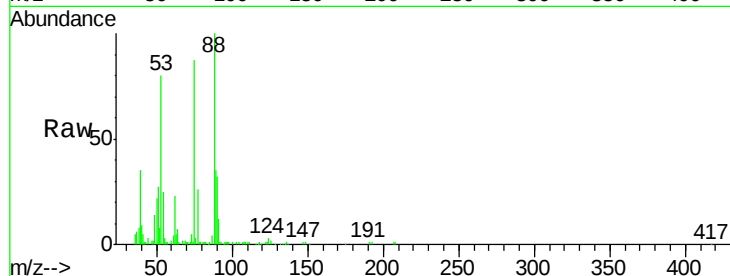
89 48.1 39.6 59.4

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#82

4-Chlorotoluene

Concen: 49.515 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066755.D

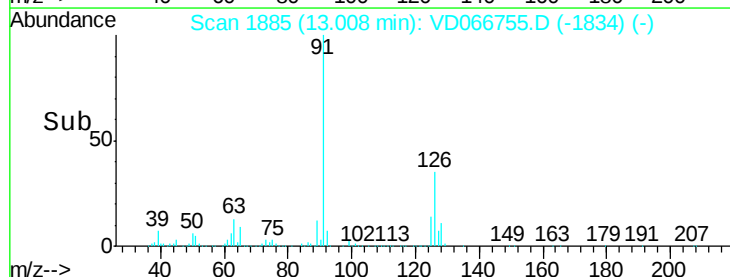
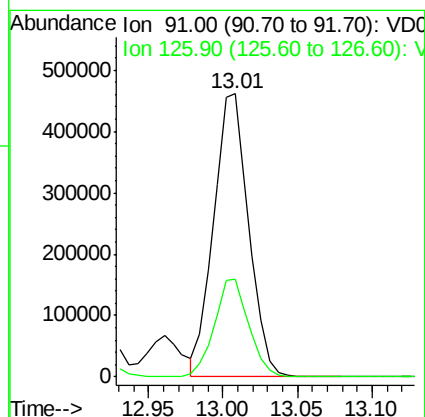
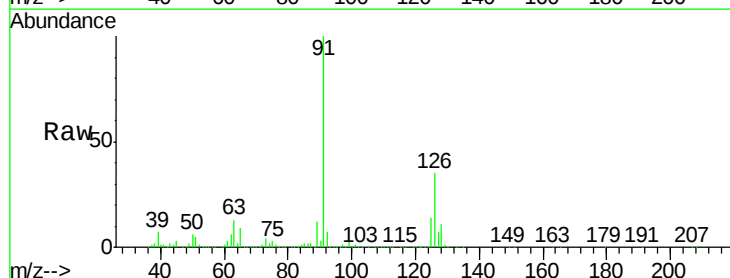
Acq: 17 Sep 2020 20:08

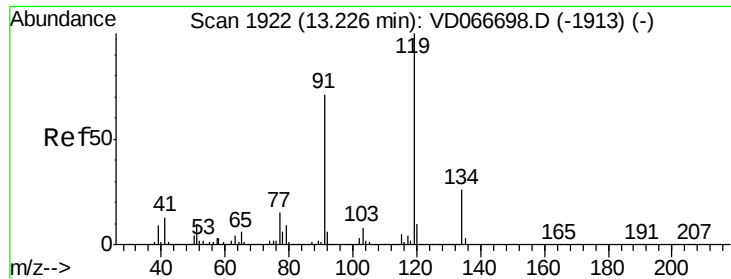
Tgt Ion: 91 Resp: 752567

Ion Ratio Lower Upper

91 100

126 34.2 16.8 50.4





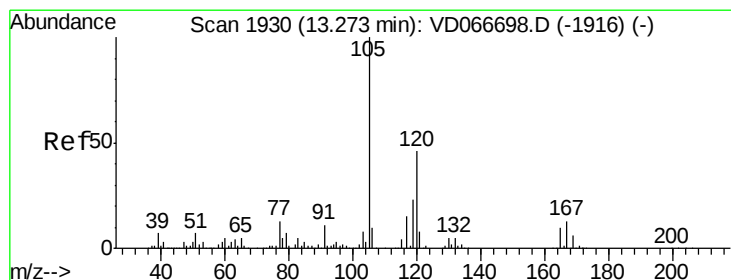
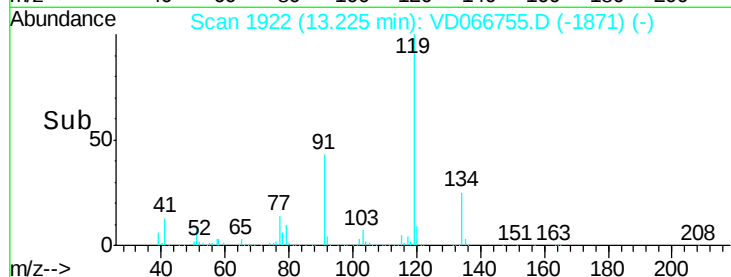
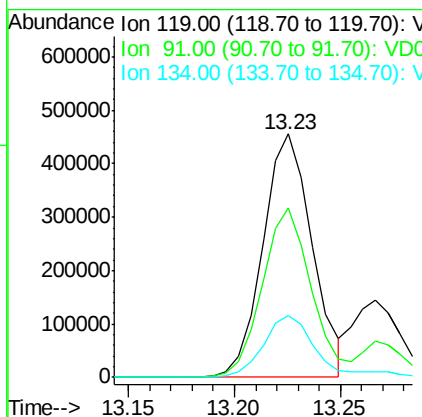
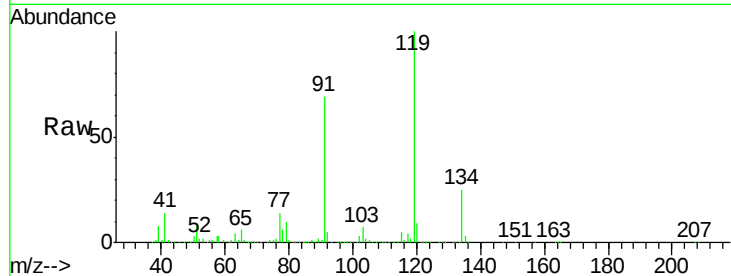
#83
tert-Butylbenzene
Concen: 50.916 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	35.0	105.1
134	27.5	13.6	40.8

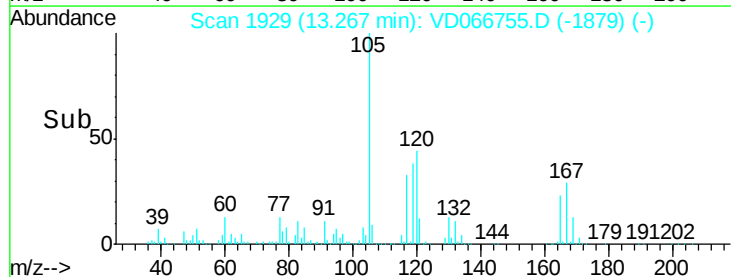
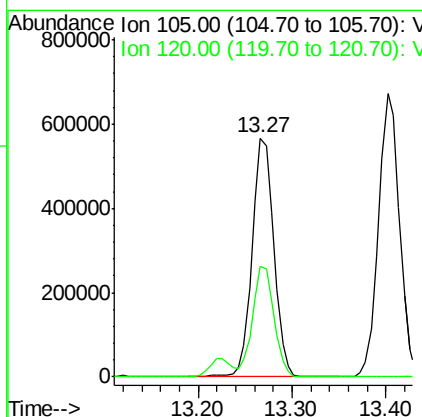
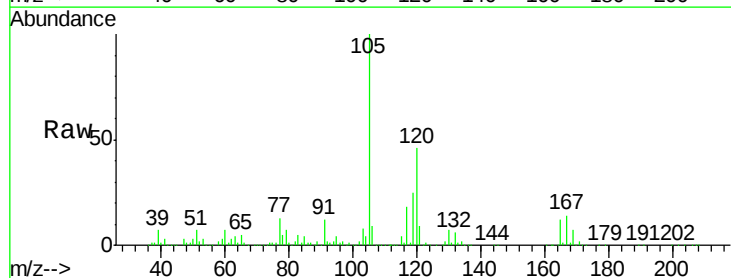
Manual Integrations
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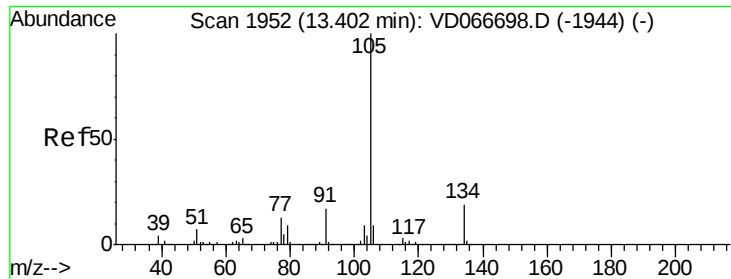
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.621 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.4	67.2





#85

sec-Butylbenzene

Concen: 49.818 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1037927

Ion Ratio Lower Upper

105 100

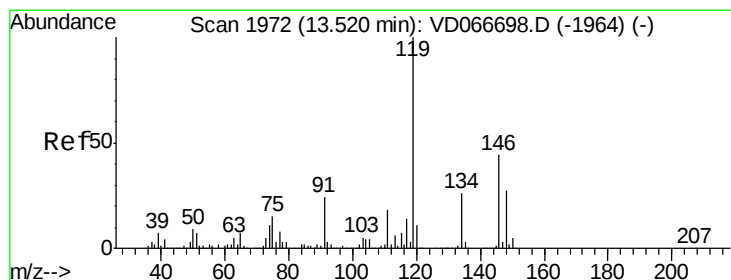
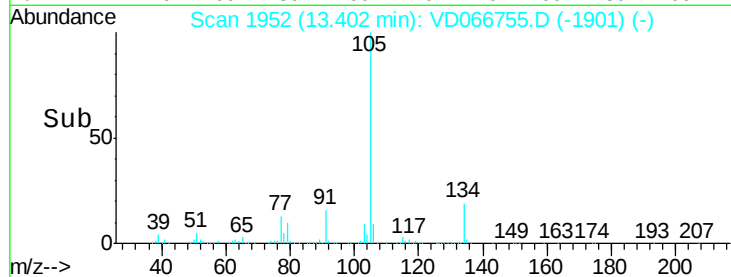
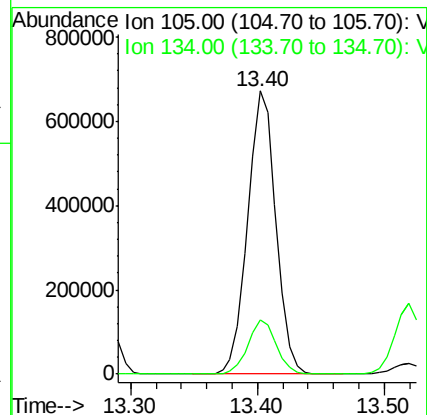
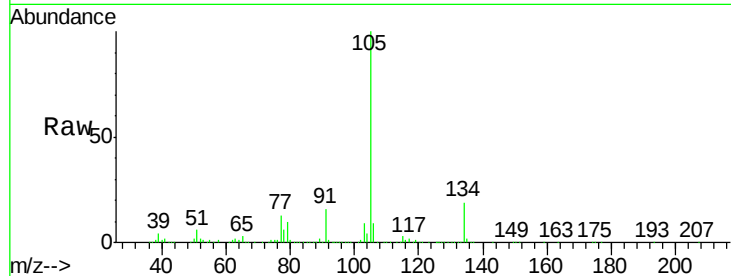
134 19.3 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.311 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

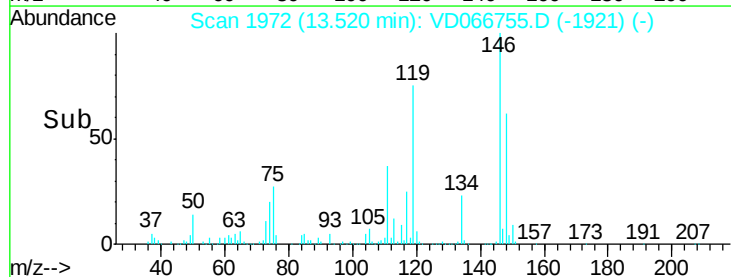
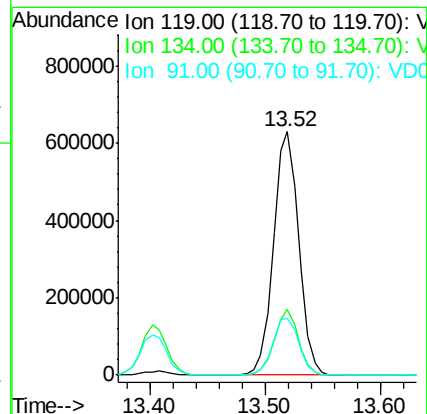
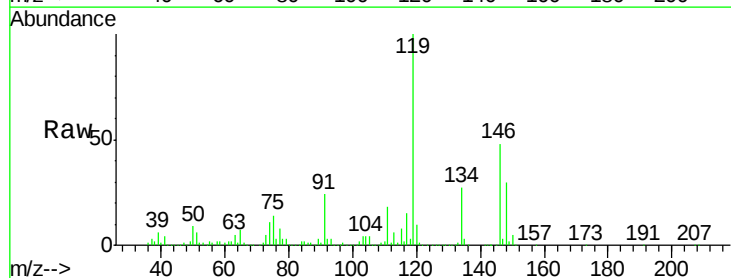
Tgt Ion:119 Resp: 952937

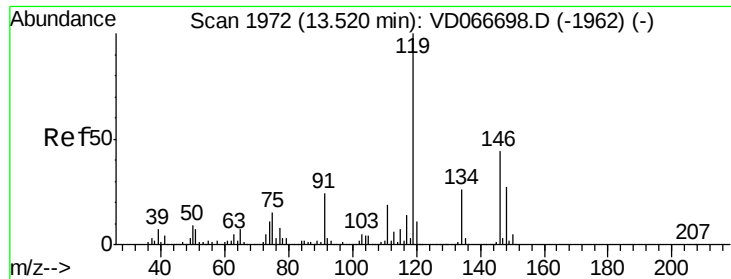
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.3 12.3 36.9





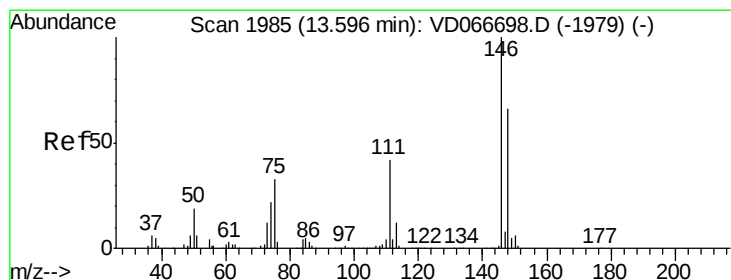
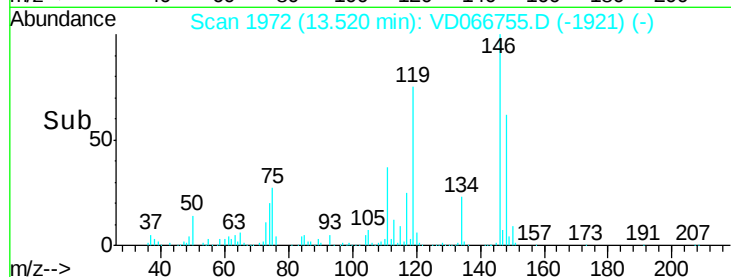
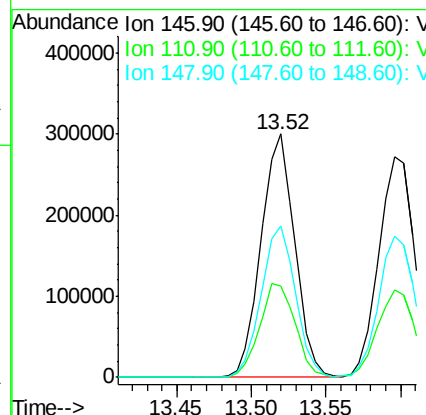
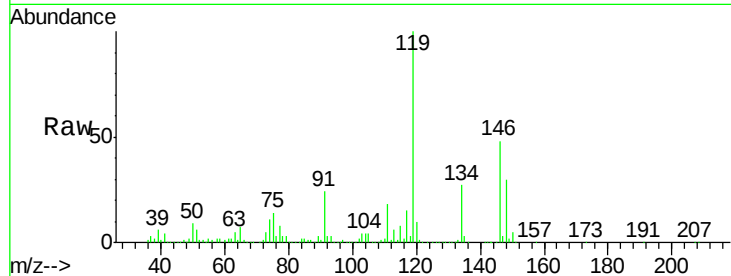
#87
 1,3-Dichlorobenzene
 Concen: 50.850 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.3
148	63.2	31.4	94.2

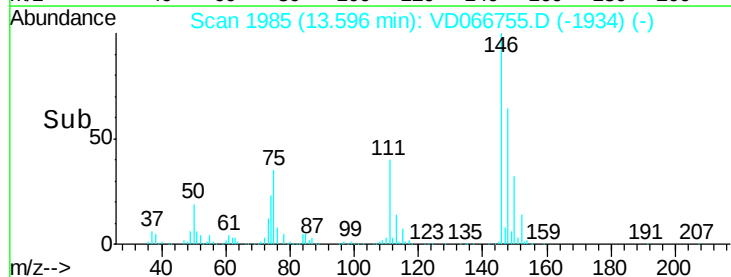
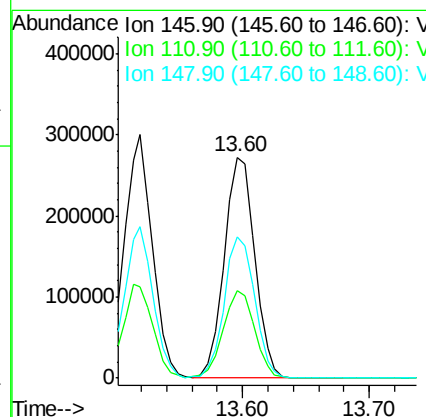
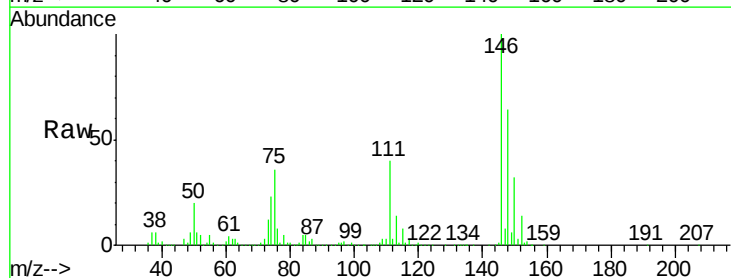
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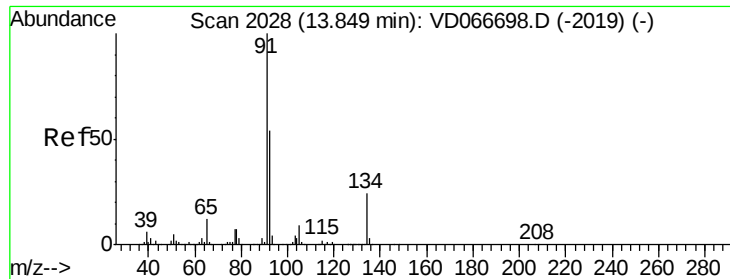
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#88
 1,4-Dichlorobenzene
 Concen: 49.484 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.1	32.7	98.1





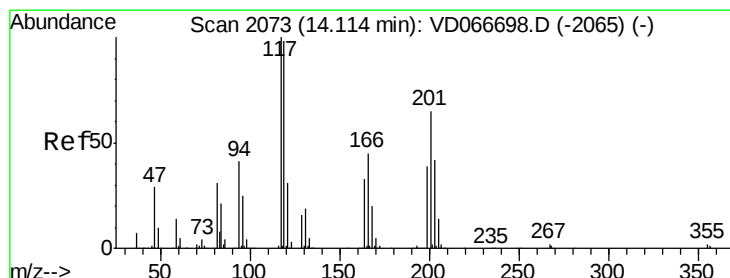
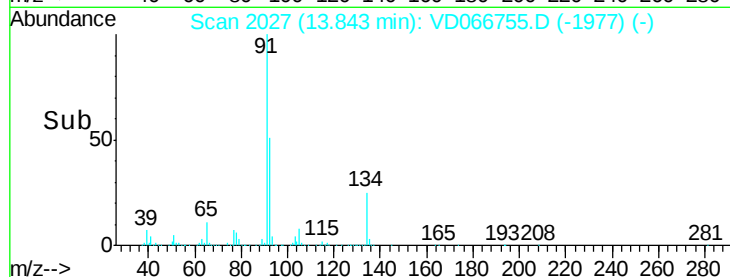
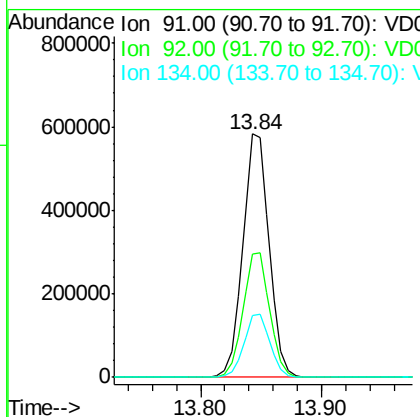
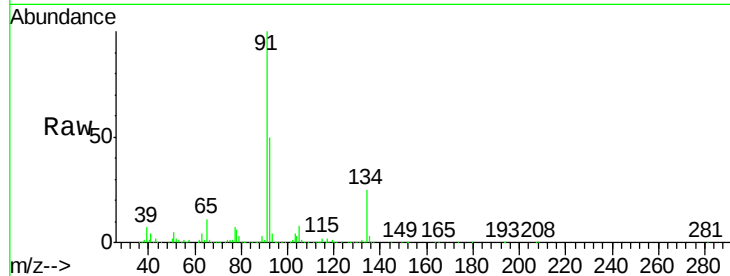
#89
n-Butylbenzene
Concen: 49.039 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	27.0	81.0
134	25.6	12.4	37.0

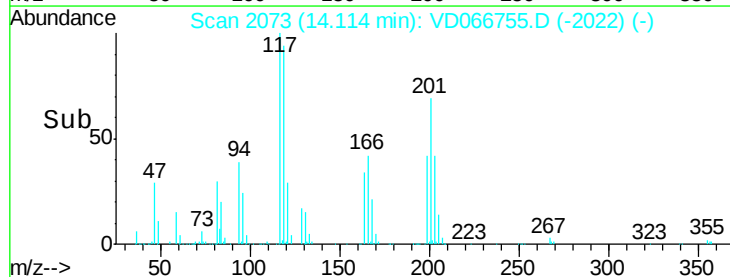
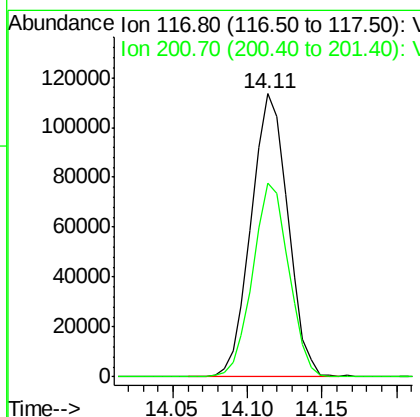
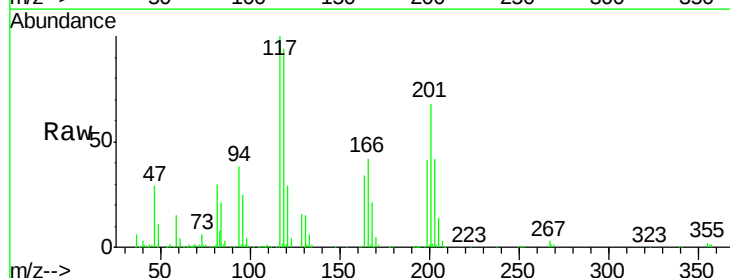
Manual Integrations
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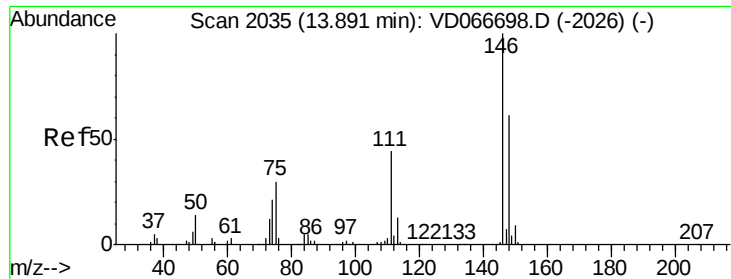
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#90
Hexachloroethane
Concen: 49.674 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066755.D
Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.1	33.1	99.3





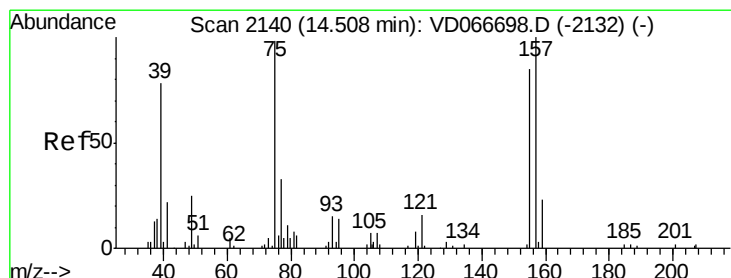
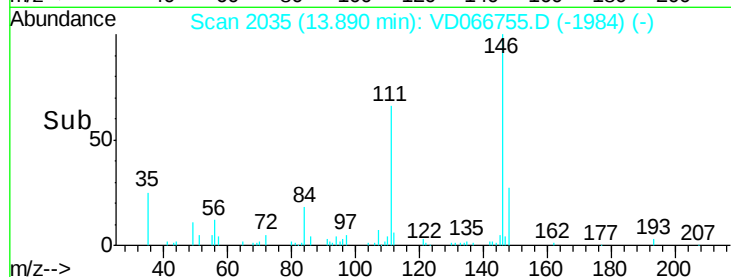
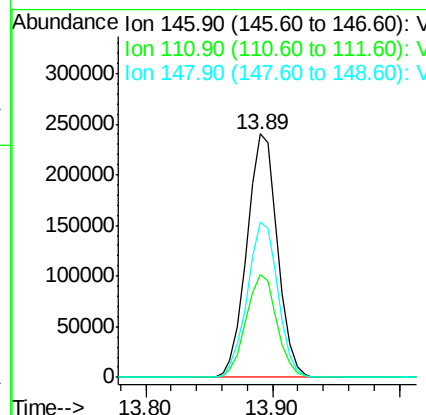
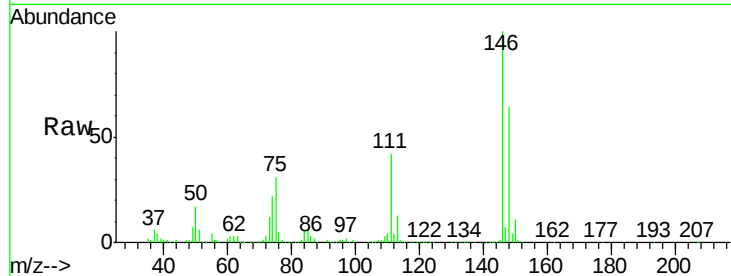
#91
 1,2-Dichlorobenzene
 Concen: 50.884 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	64.4	31.4	94.3

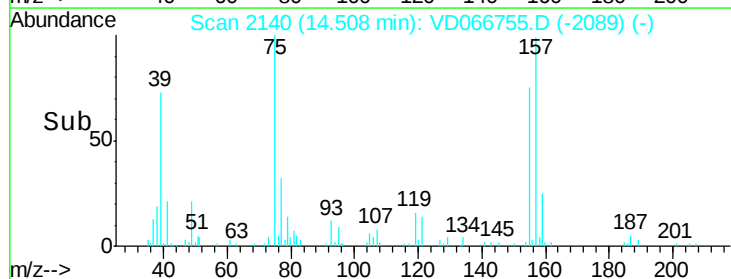
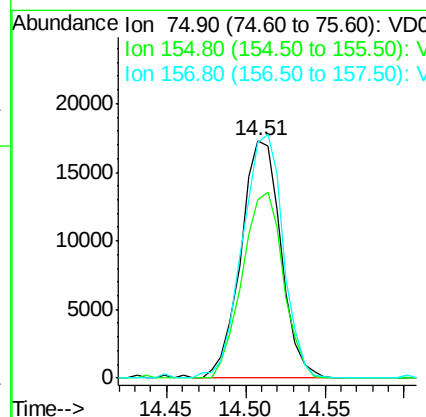
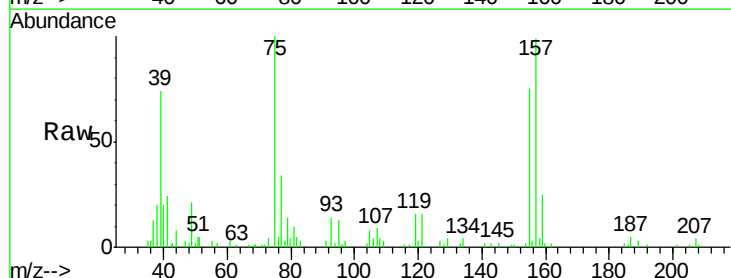
Manual Integrations
 APPROVED

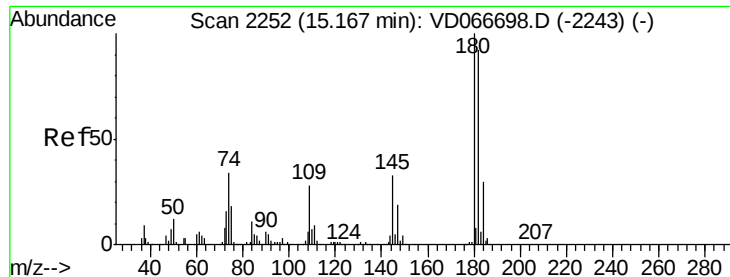
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.936 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	38.9	116.7
157	104.4	46.4	139.2





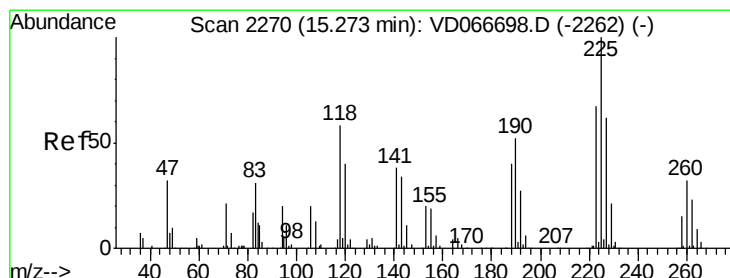
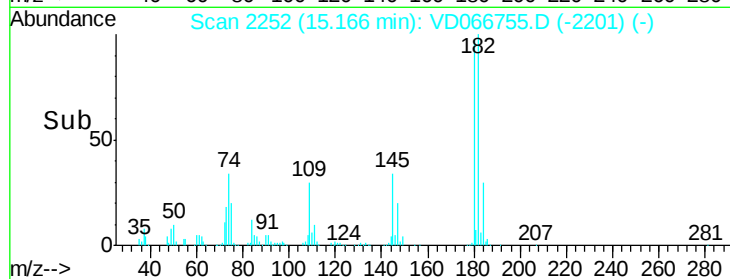
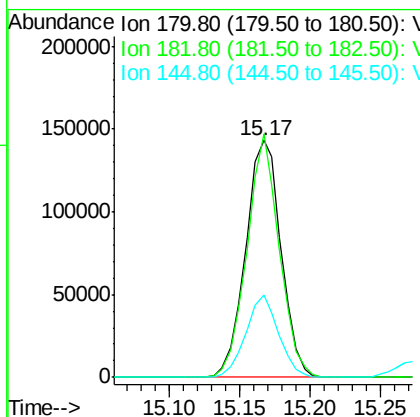
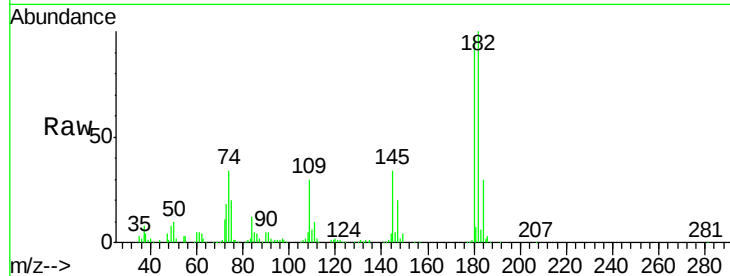
#93
 1,2,4-Trichlorobenzene
 Concen: 52.540 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	251082		
182	93.7	46.6	139.7	
145	32.4	16.5	49.5	

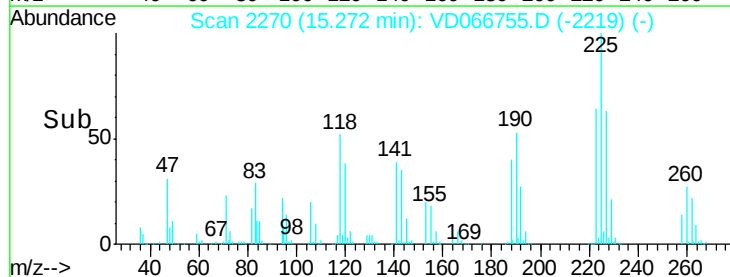
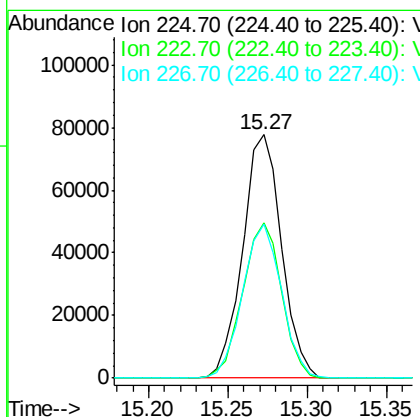
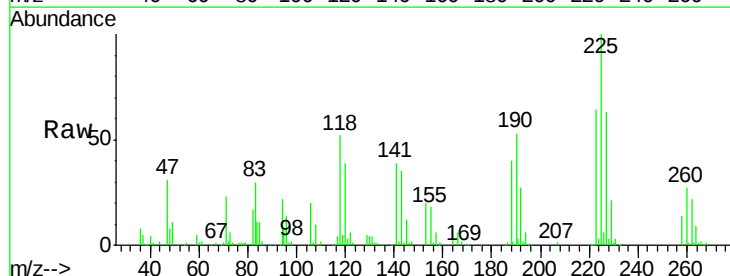
Manual Integrations
 APPROVED

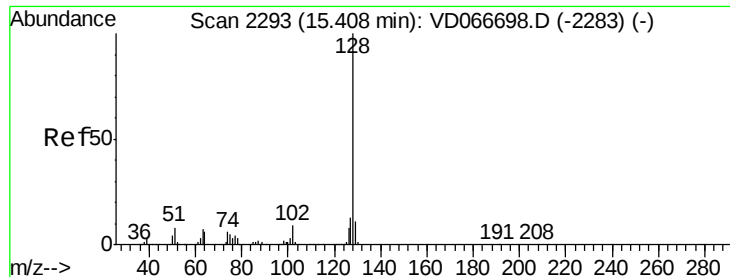
MMDadoda
 9/18/2020 12:18:21 PM



#94
 Hexachlorobutadiene
 Concen: 46.024 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066755.D
 Acq: 17 Sep 2020 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	132514		
223	63.8	31.9	95.9	
227	63.5	31.3	93.9	





#95

Naphthalene

Concen: 59.860 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Instrument :

MSVOA_D

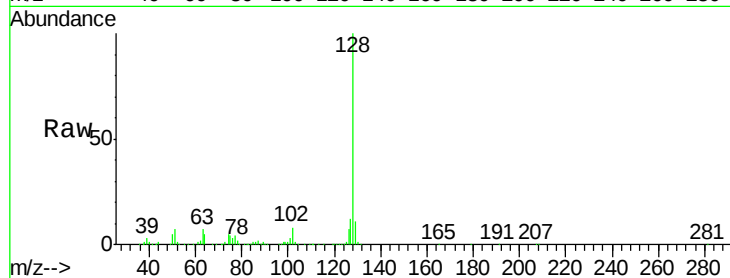
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	499804
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
APPROVED

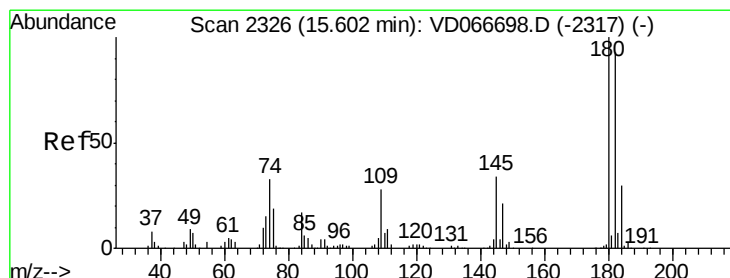
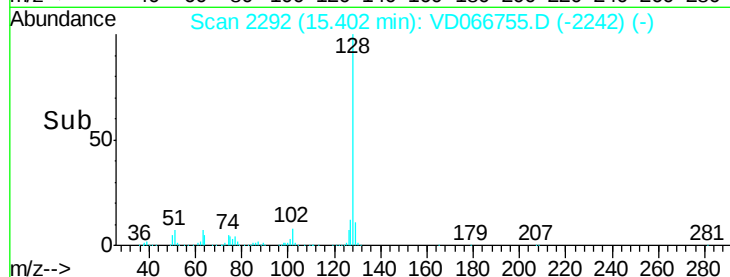
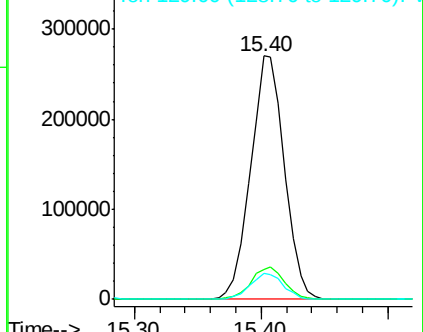
MMDadoda
9/18/2020 12:18:21 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.253 ug/l

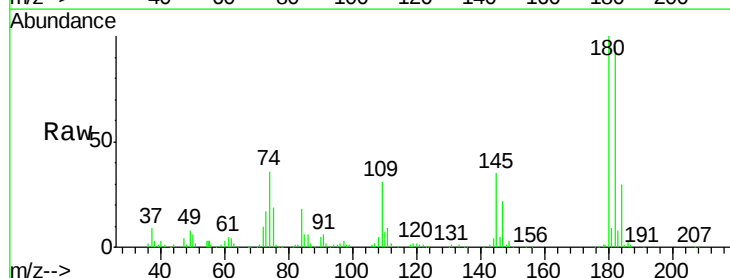
RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066755.D

Acq: 17 Sep 2020 20:08

Tgt Ion:	180	Resp:	218110
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.6	139.8
145	34.8	17.1	51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

