

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073711.D
 Acq On : 25 Jun 2022 16:00
 Operator : VA/SY
 Sample : N3454-11
 Misc : 3.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-3-GR

Quant Time: Jun 27 09:38:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

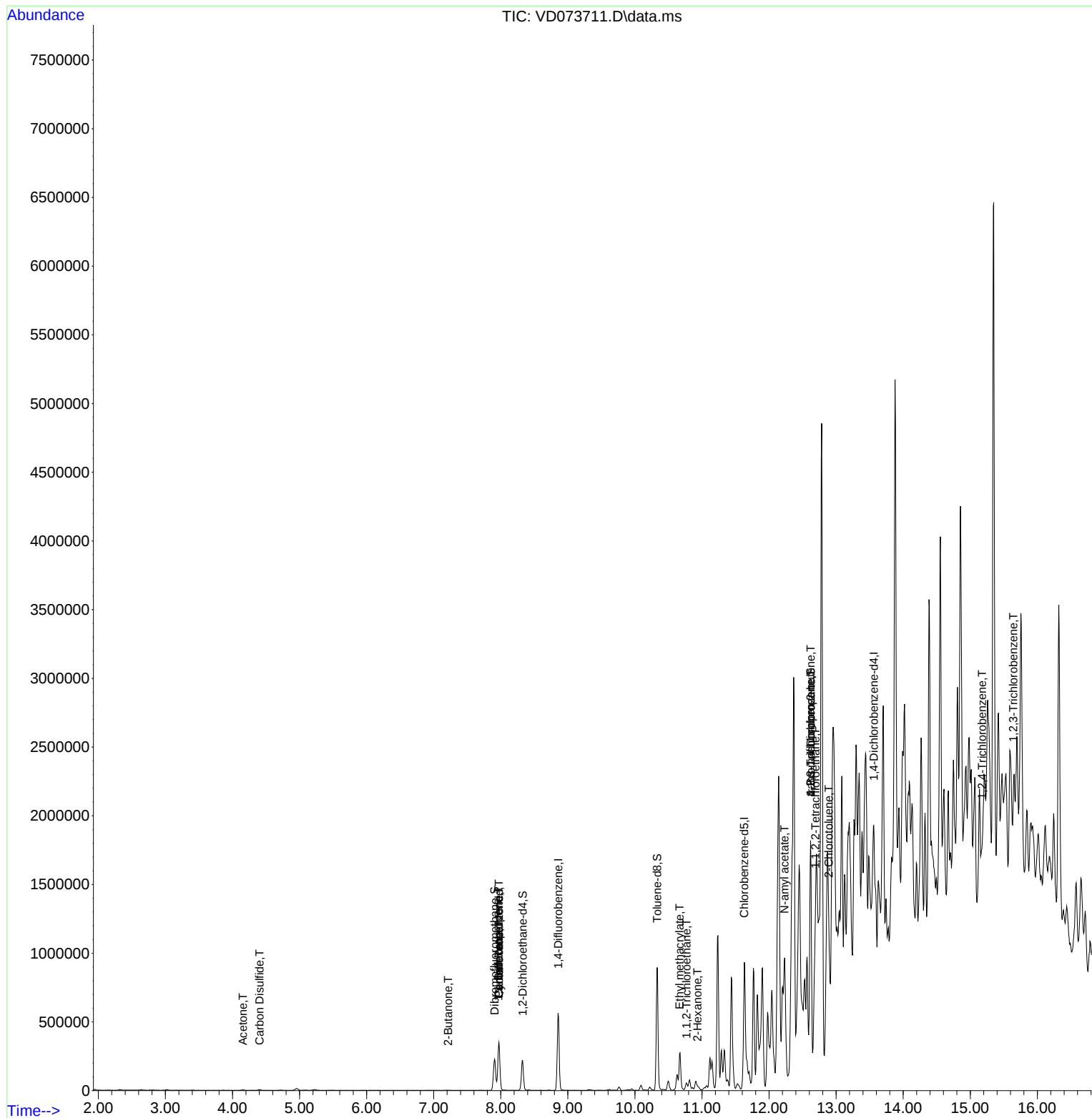
Internal Standards						
1) Pentafluorobenzene	7.973	168	248213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	487485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	501047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171896	56.385	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.780%			
35) Dibromofluoromethane	7.908	113	167589	44.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.260%			
50) Toluene-d8	10.332	98	607960	44.588	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.180%			
62) 4-Bromofluorobenzene	12.620	95	337264	65.949	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 131.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	330	Below Cal	#	44
3) Chloromethane	2.214	50	608	Below Cal	#	74
5) Bromomethane	2.767	94	612	Below Cal	#	66
11) Tert butyl alcohol	5.220	59	9673	Below Cal	#	100
16) Acetone	4.155	43	6610	6.145	ug/l	95
17) Carbon Disulfide	4.402	76	10653	1.655	ug/l	96
18) Methyl Acetate	4.714	43	1810	Below Cal	#	63
20) Methylene Chloride	4.961	84	10875	Below Cal	#	90
25) 2-Butanone	7.214	43	1239	1.613	ug/l	# 47
31) Cyclohexane	7.973	56	5397	1.180	ug/l	# 9
36) 1,1-Dichloropropene	7.967	75	19165	3.595	ug/l	# 48
38) Carbon Tetrachloride	7.973	117	26471	4.265	ug/l	# 16
55) 1,1,2-Trichloroethane	10.767	97	15939	5.034	ug/l	# 24
56) Ethyl methacrylate	10.667	69	26792	7.508	ug/l	# 18
59) 2-Hexanone	10.932	43	5431	3.813	ug/l	# 27
74) N-amyl acetate	12.231	43	140062	29.604	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.690	83	99860	22.892	ug/l	# 79
76) 1,2,3-Trichloropropane	12.620	75	118458	42.989	ug/l	# 1
79) 2-Chlorotoluene	12.890	91	24010	1.459	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	12.620	75	118458	87.766	ug/l	# 24
93) 1,2,4-Trichlorobenzene	15.178	180	9097	1.529	ug/l	# 12
96) 1,2,3-Trichlorobenzene	15.643	180	12810	2.465	ug/l	98

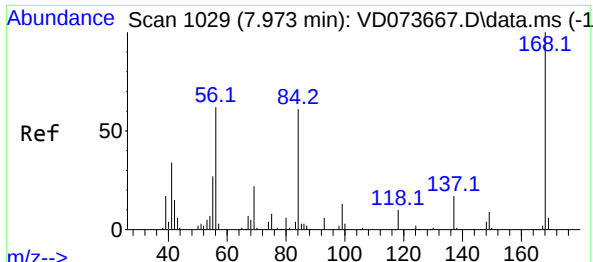
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
Data File : VD073711.D
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Misc : 3.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14A-3-3-GR

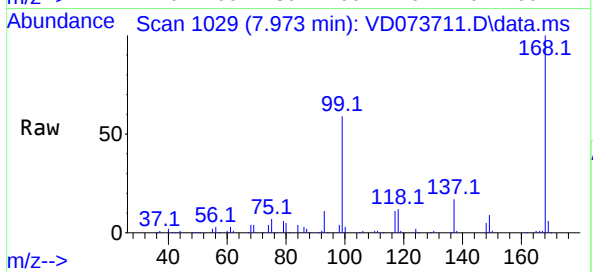
Quant Time: Jun 27 09:38:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 24 07:36:47 2022
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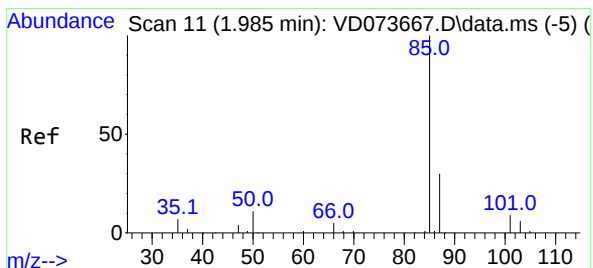
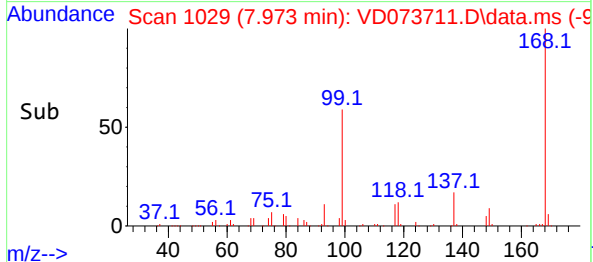
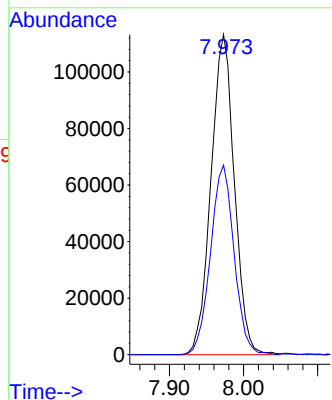


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

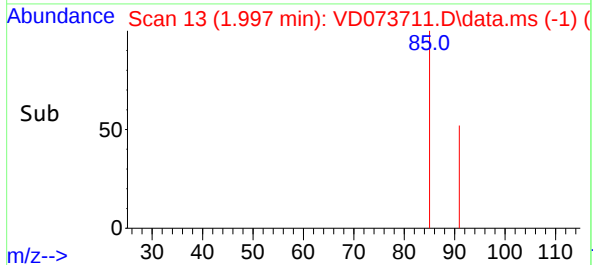
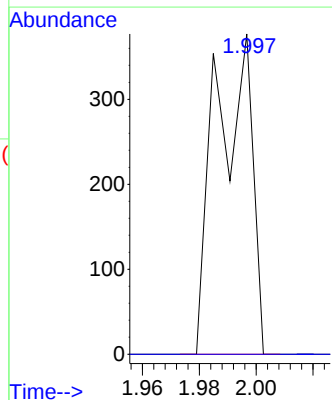
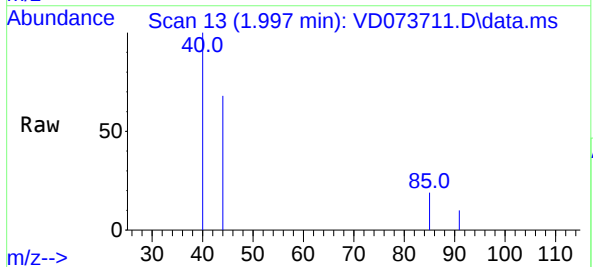


Tgt Ion:168 Resp: 248213
Ion Ratio Lower Upper
168 100
99 59.2 46.4 69.6

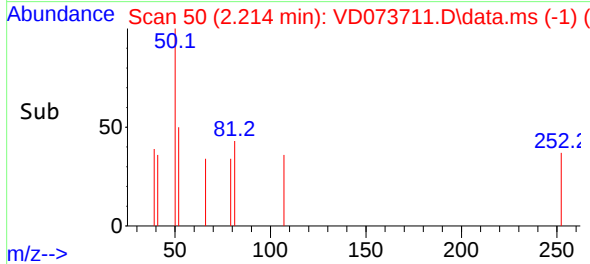
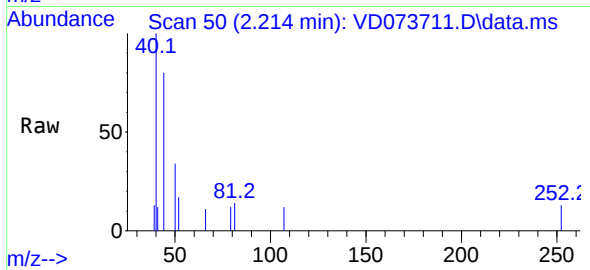
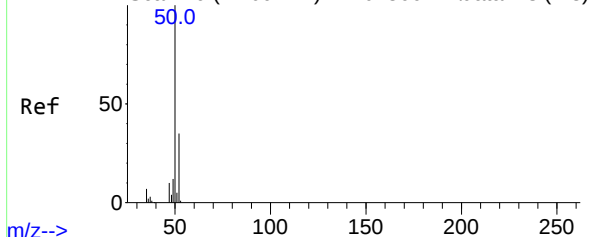


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 85 Resp: 330
Ion Ratio Lower Upper
85 100
87 0.0 15.2 45.5#



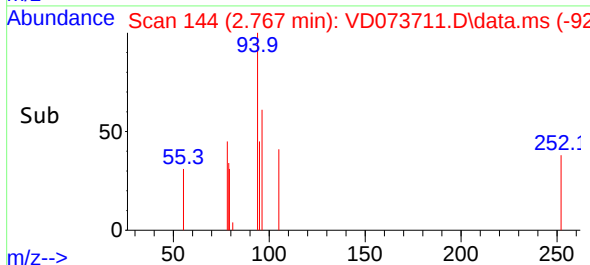
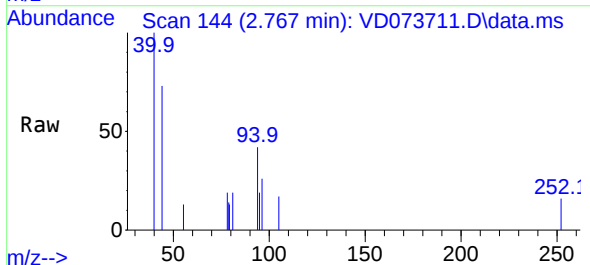
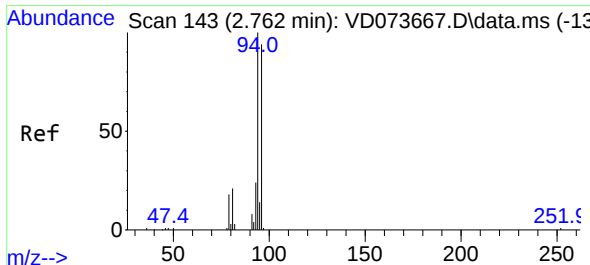
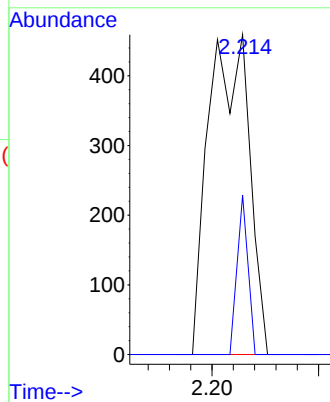
Abundance Scan 49 (2.209 min): VD073667.D\data.ms (-43)



#3
Chloromethane
Concen: Below Cal
RT: 2.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

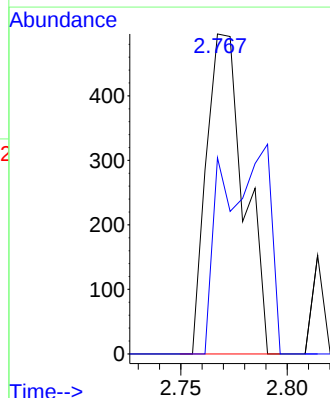
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

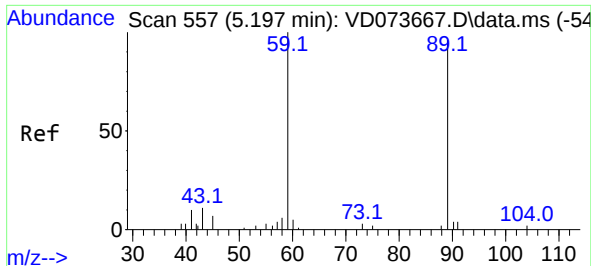
Tgt Ion: 50 Resp: 608
Ion Ratio Lower Upper
50 100
52 49.9 27.8 41.6#



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 94 Resp: 612
Ion Ratio Lower Upper
94 100
96 61.3 75.1 112.7#

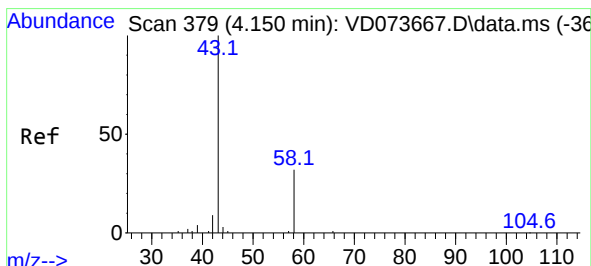
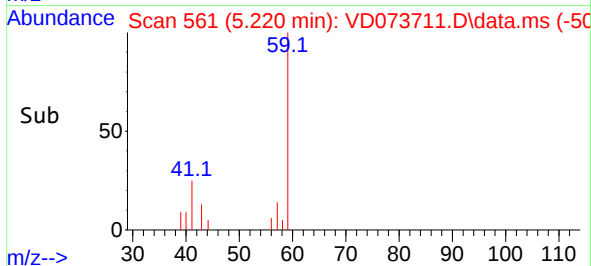
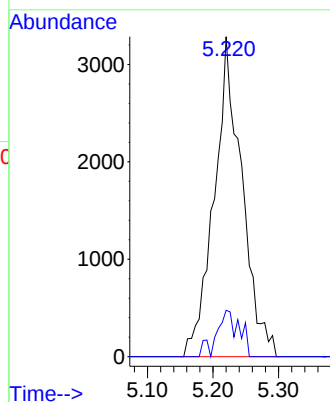
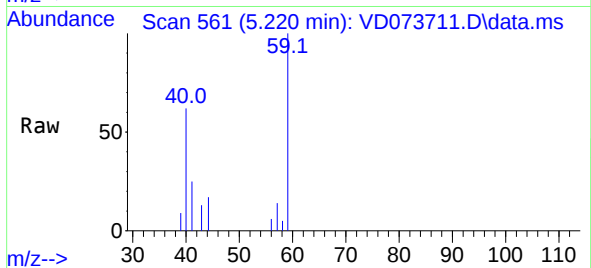




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 50
Delta R.T. 0.023 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

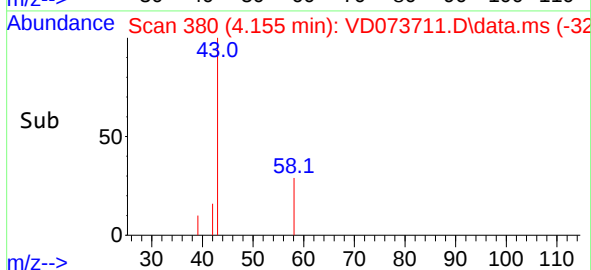
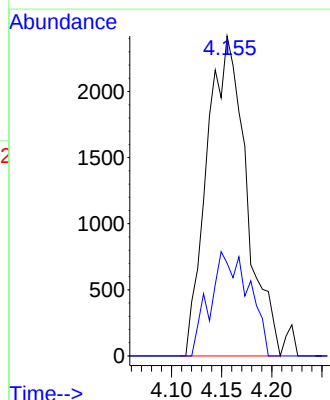
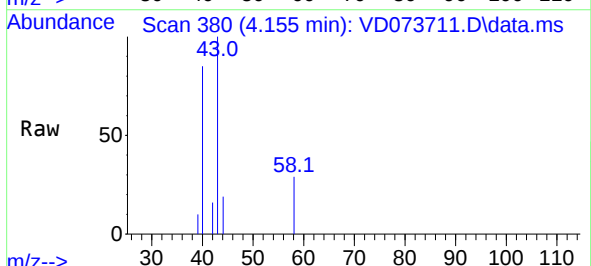
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

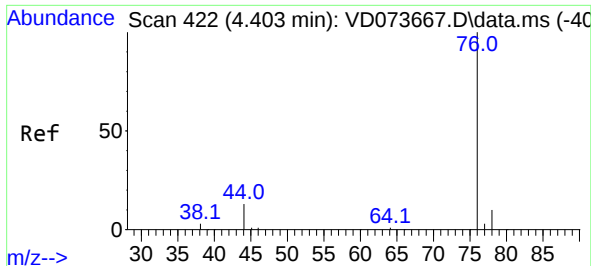
Tgt Ion: 59 Resp: 9673
Ion Ratio Lower Upper
59 100
57 10.5 0.0 0.0#



#16
Acetone
Concen: 6.145 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 43 Resp: 6610
Ion Ratio Lower Upper
43 100
58 29.0 25.2 37.8

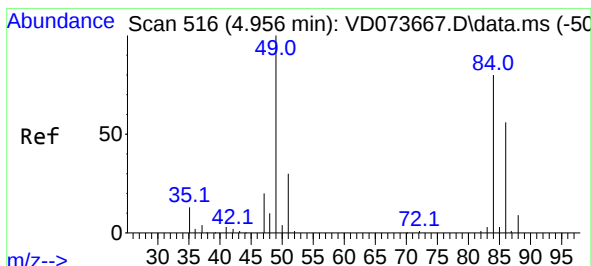
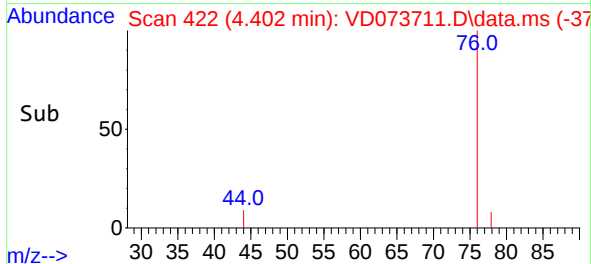
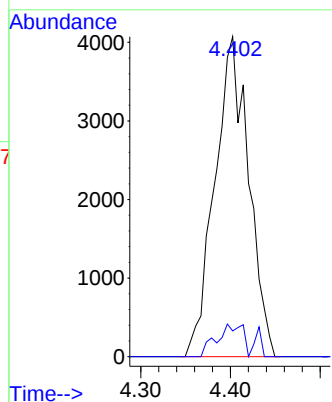
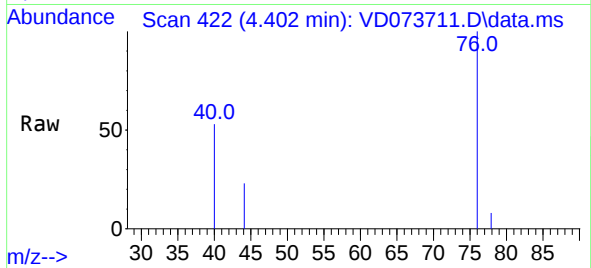




#17
Carbon Disulfide
Concen: 1.655 ug/l
RT: 4.402 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

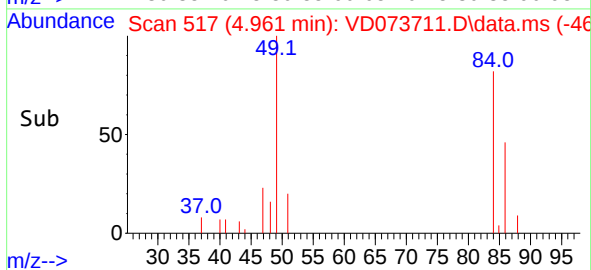
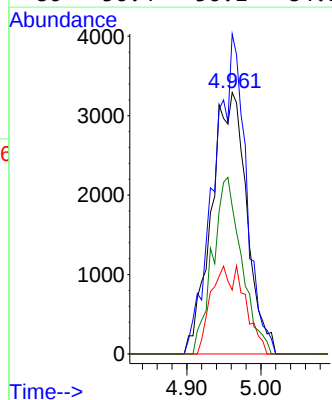
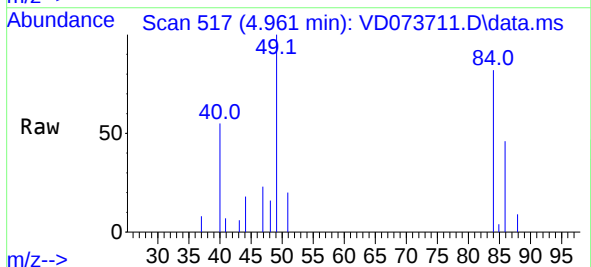
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

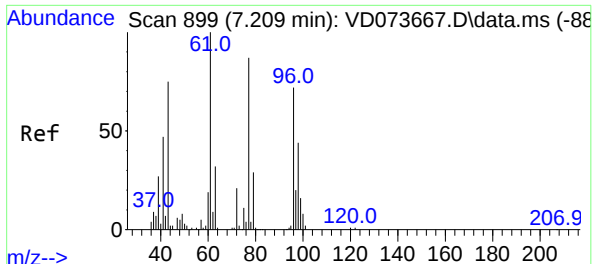
Tgt Ion: 76 Resp: 10653
Ion Ratio Lower Upper
76 100
78 8.0 7.7 11.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 84 Resp: 10875
Ion Ratio Lower Upper
84 100
49 122.4 100.6 150.8
51 24.5 29.8 44.6#
86 56.4 56.1 84.1





#25

2-Butanone

Concen: 1.613 ug/l

RT: 7.214 min Scan# 90

Delta R.T. 0.006 min

Lab File: VD073711.D

Acq: 25 Jun 2022 16:00

Instrument :

MSVOA_D

ClientSampleId :

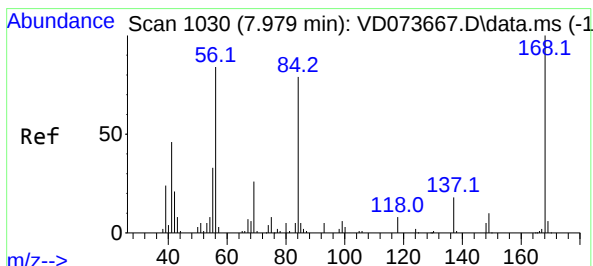
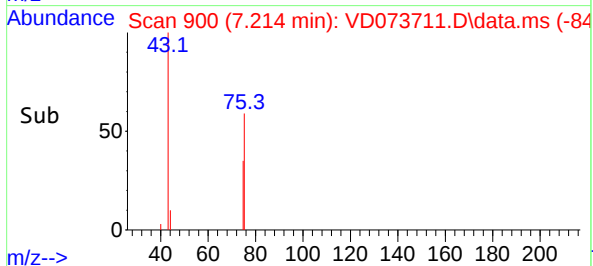
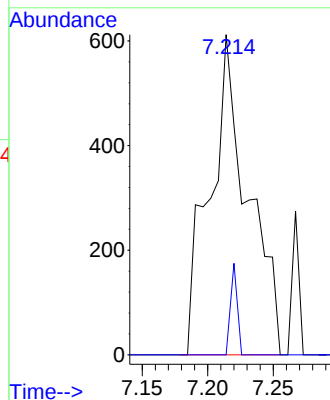
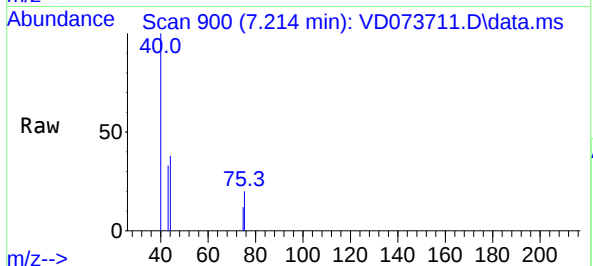
WC-14A-3-3-GR

Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

72 0.0 22.6 33.8#



#31

Cyclohexane

Concen: 1.180 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073711.D

Acq: 25 Jun 2022 16:00

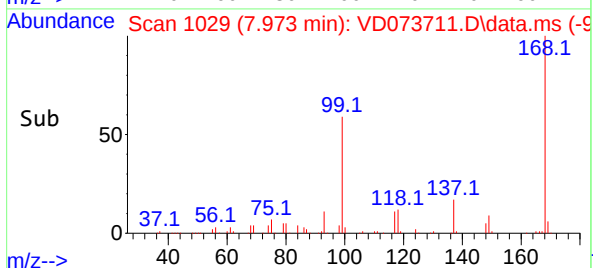
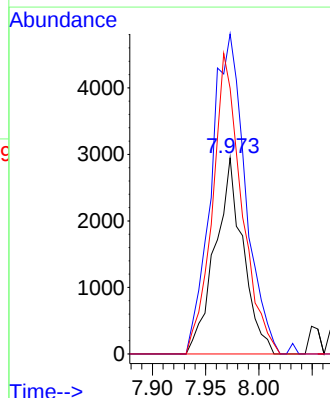
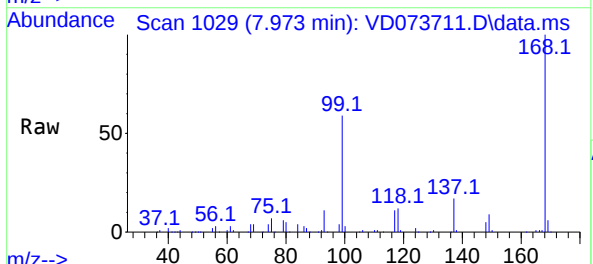
Tgt Ion: 56 Resp: 5397

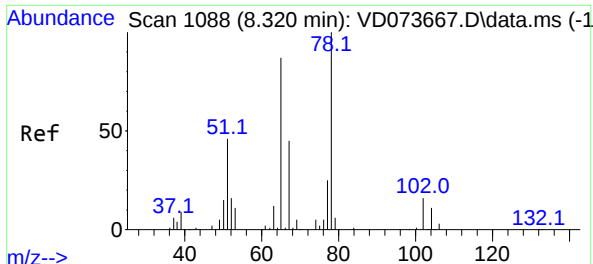
Ion Ratio Lower Upper

56 100

69 163.1 25.2 37.8#

84 135.4 75.4 113.2#

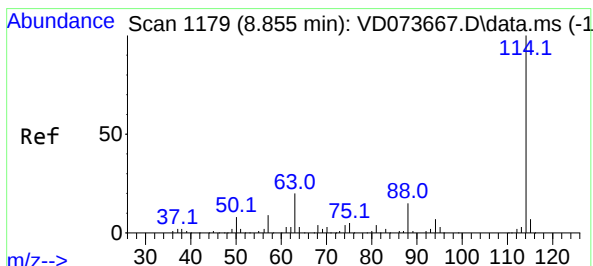
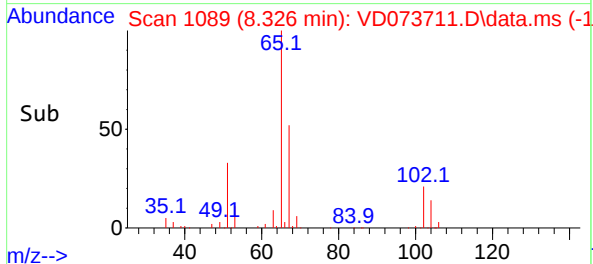
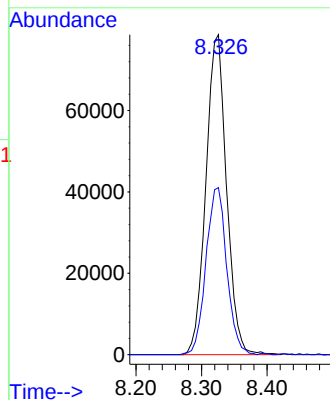
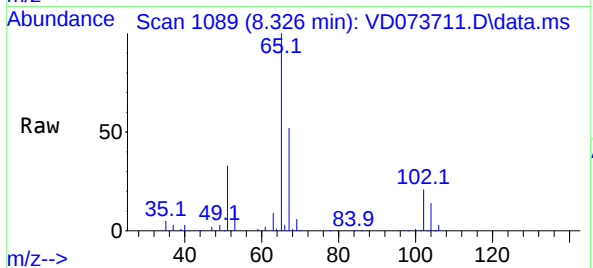




#33
1,2-Dichloroethane-d4
Concen: 56.385 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

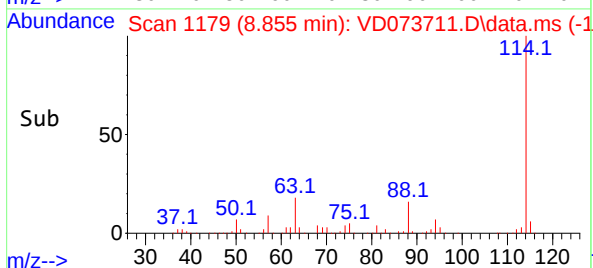
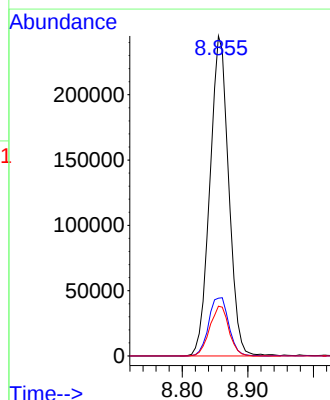
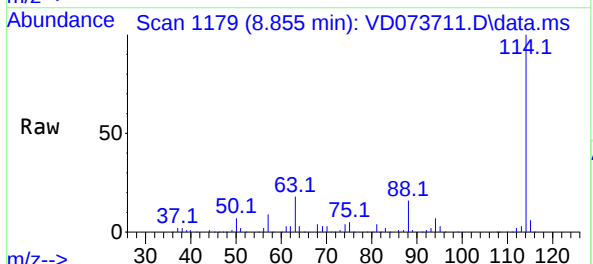
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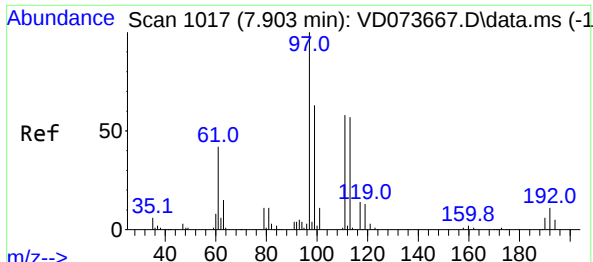
Tgt Ion: 65 Resp: 171896
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 114 Resp: 487485
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.2
88 15.5 0.0 29.4

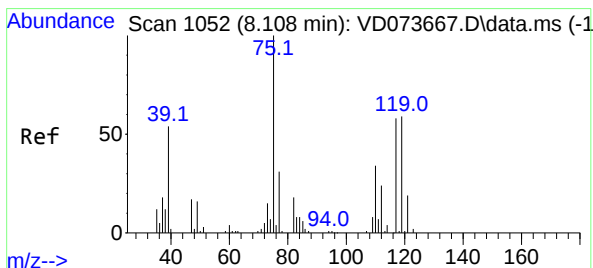
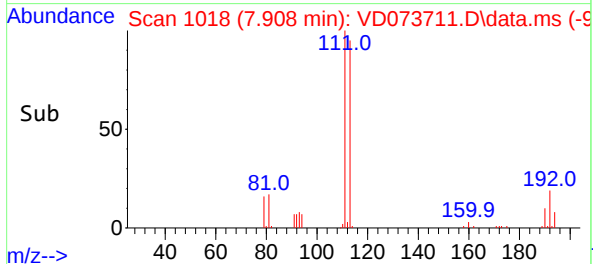
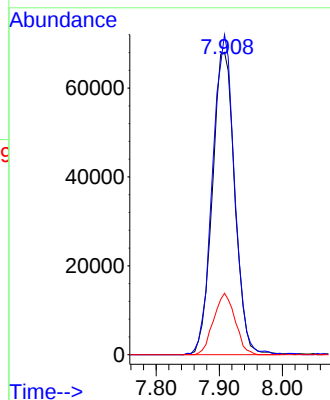
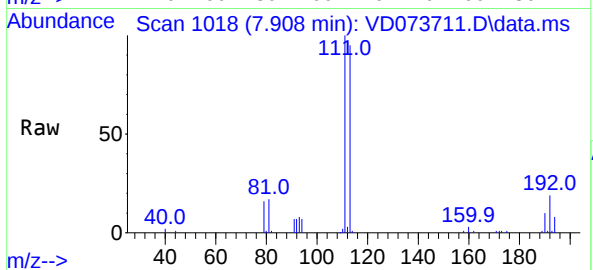




#35
Dibromofluoromethane
Concen: 44.131 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

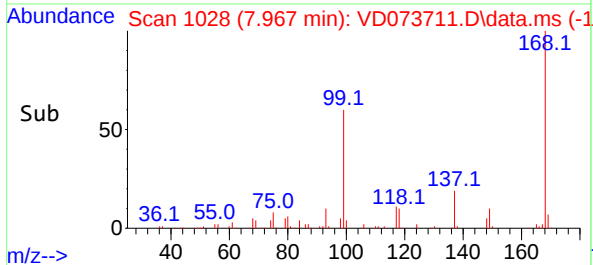
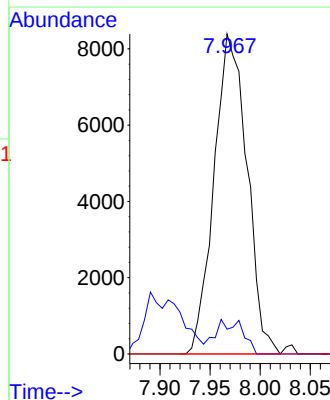
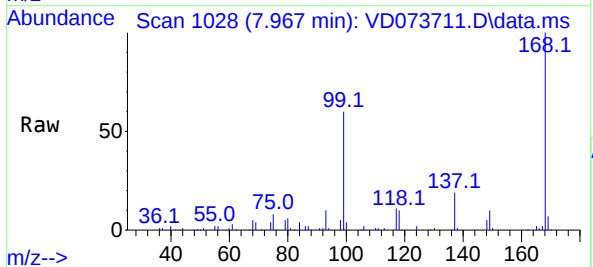
Instrument :
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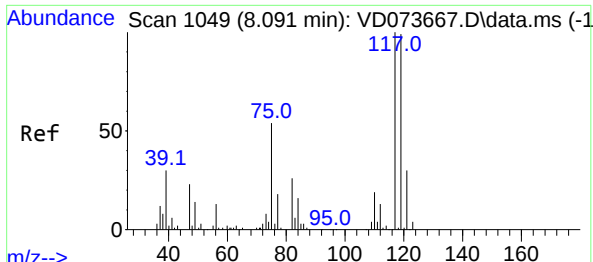
Tgt Ion:113 Resp: 167589
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 19.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.595 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

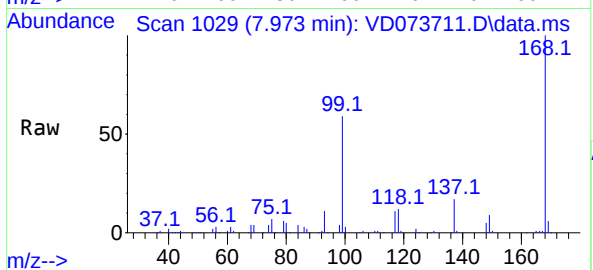
Tgt Ion: 75 Resp: 19165
Ion Ratio Lower Upper
75 100
110 8.8 18.0 54.0#
77 0.0 25.6 38.4#



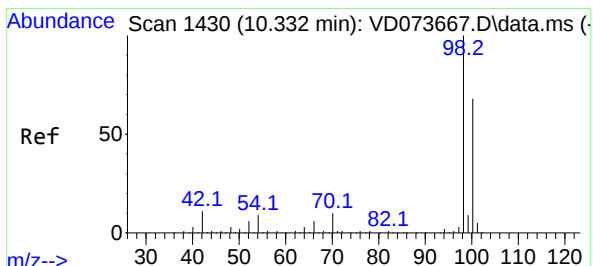
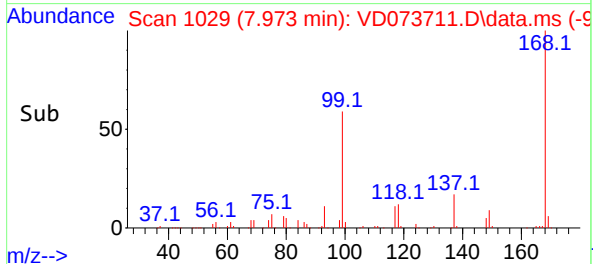
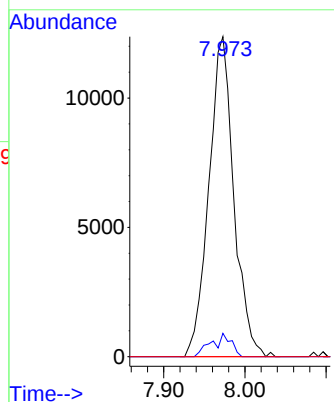


#38
Carbon Tetrachloride
Concen: 4.265 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

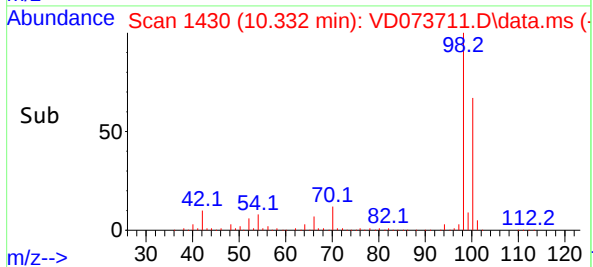
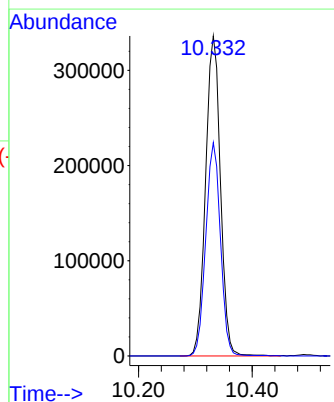
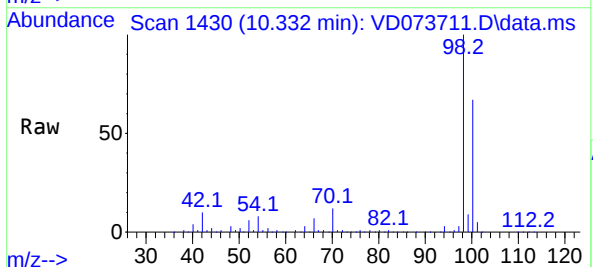


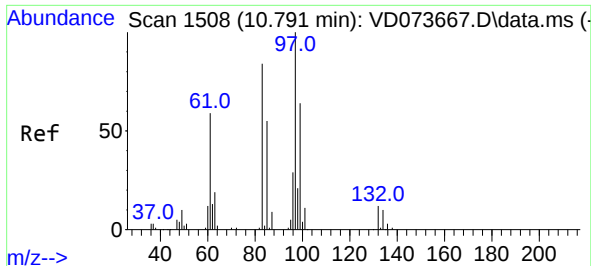
Tgt Ion:117 Resp: 26471
Ion Ratio Lower Upper
117 100
119 7.3 79.2 118.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 44.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 98 Resp: 607960
Ion Ratio Lower Upper
98 100
100 65.8 54.0 81.0

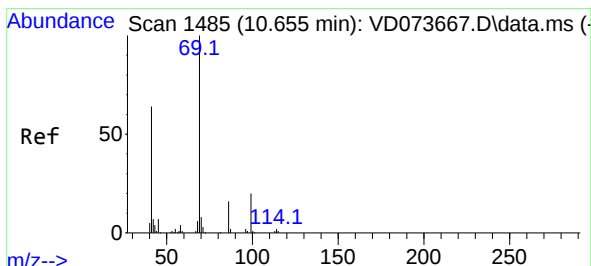
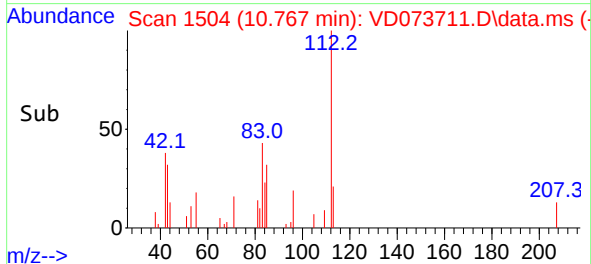
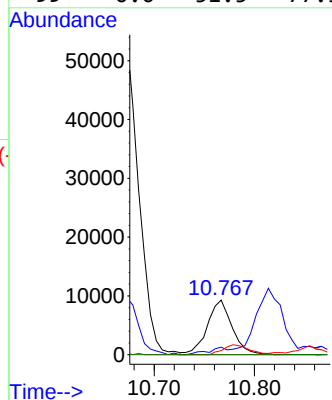
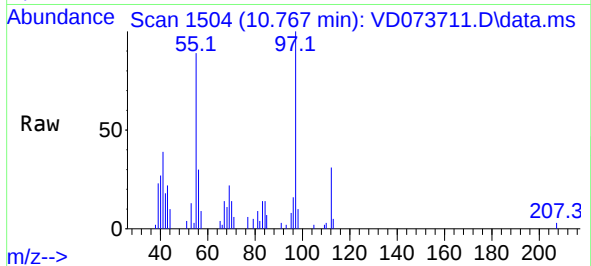




#55
1,1,2-Trichloroethane
Concen: 5.034 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

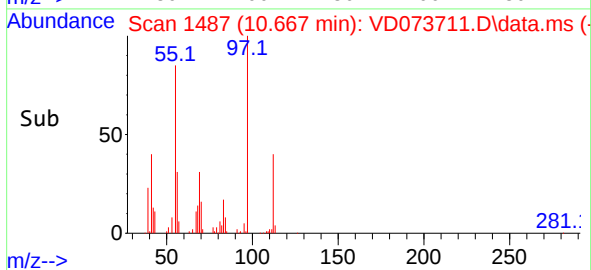
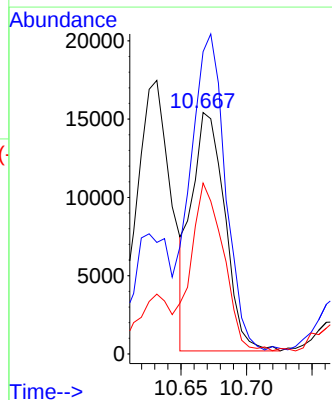
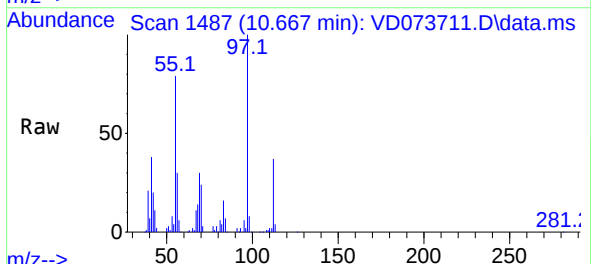
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

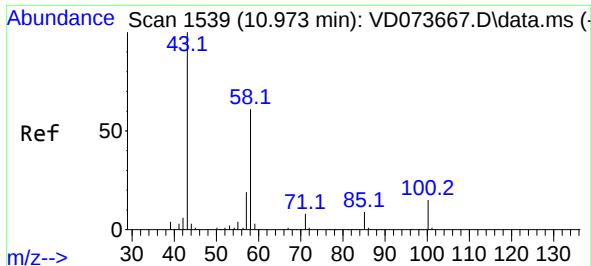
Tgt Ion: 97 Resp: 15939
Ion Ratio Lower Upper
97 100
83 13.7 67.1 100.7#
85 7.4 44.0 66.0#
99 0.0 51.5 77.3#



#56
Ethyl methacrylate
Concen: 7.508 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.011 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 69 Resp: 26792
Ion Ratio Lower Upper
69 100
41 139.8 51.6 77.4#
39 69.8 29.2 43.8#

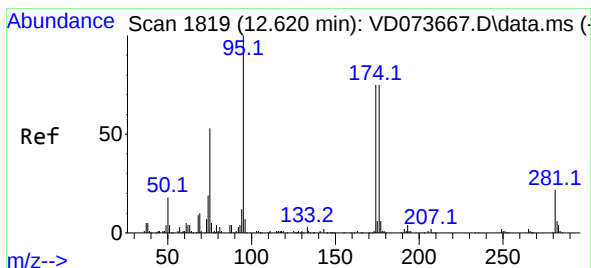
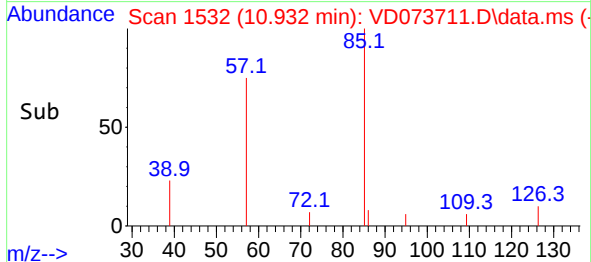
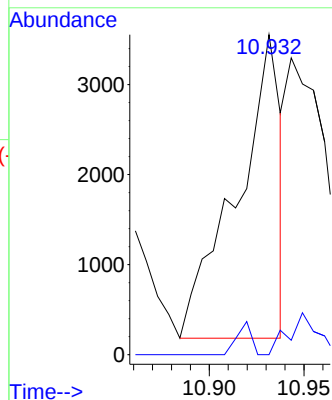
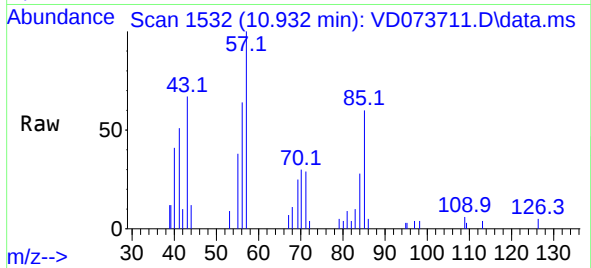




#59
2-Hexanone
Concen: 3.813 ug/l
RT: 10.932 min Scan# 1532
Delta R.T. -0.041 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

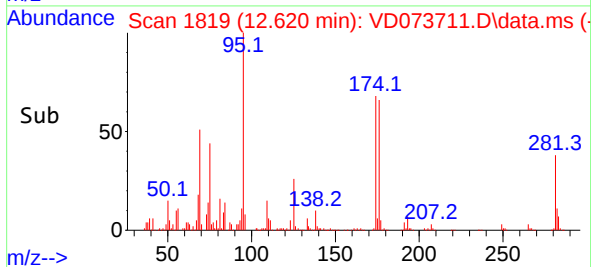
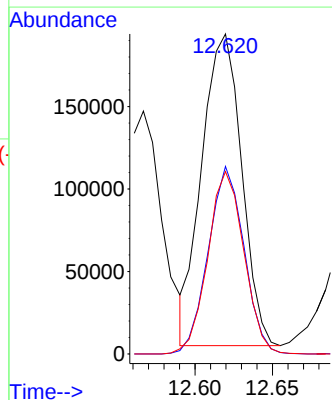
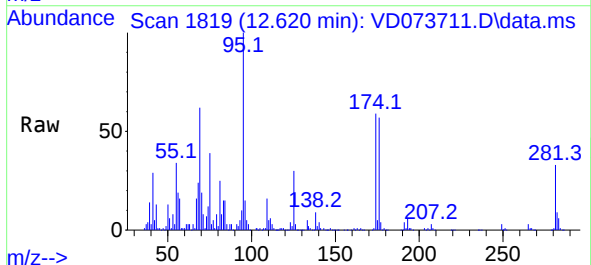
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

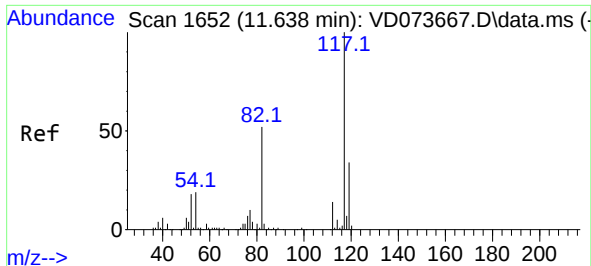
Tgt Ion: 43 Resp: 5431
Ion Ratio Lower Upper
43 100
58 3.6 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: 65.949 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 95 Resp: 337264
Ion Ratio Lower Upper
95 100
174 54.1 0.0 158.4
176 53.2 0.0 154.8

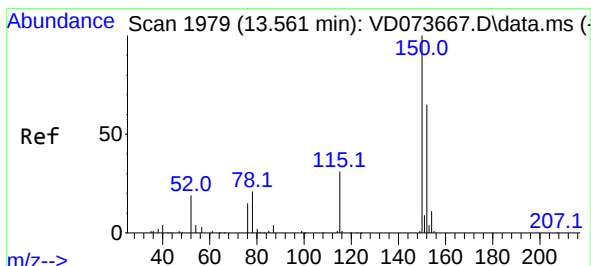
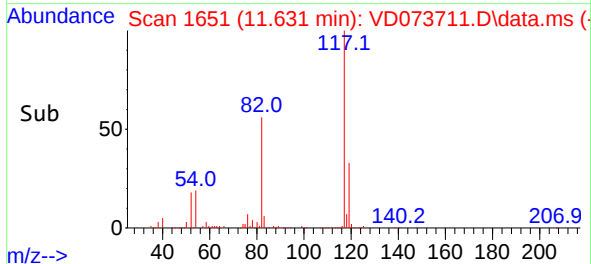
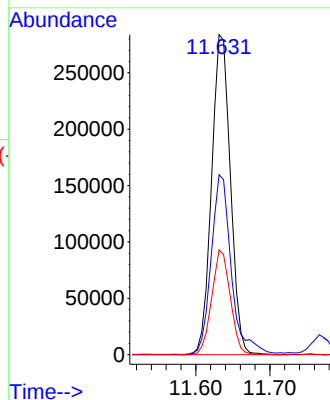
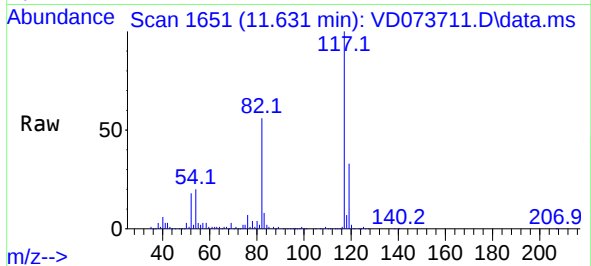




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

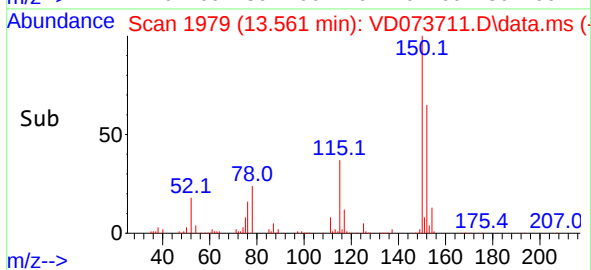
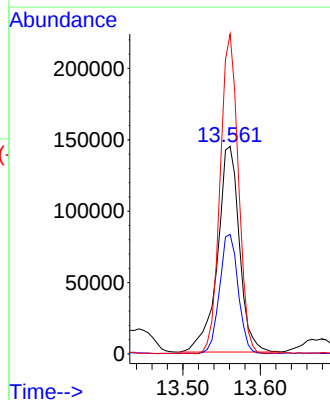
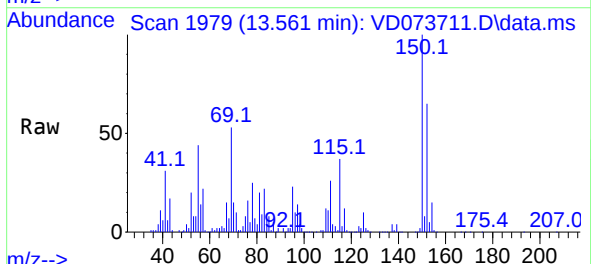
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

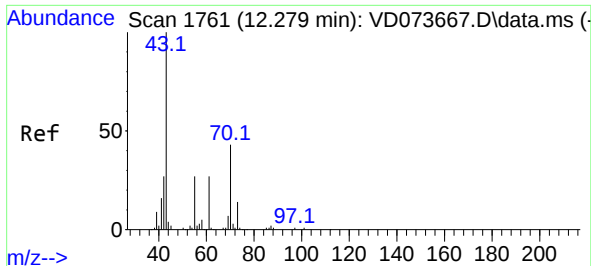
Tgt Ion:117 Resp: 501047
Ion Ratio Lower Upper
117 100
82 56.1 41.5 62.3
119 32.7 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

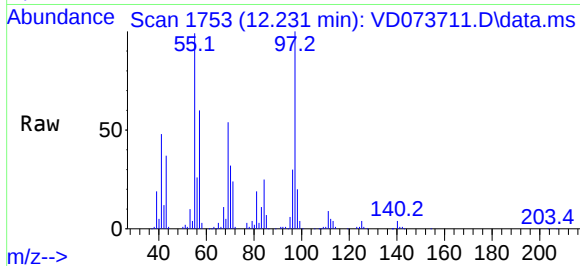
Tgt Ion:152 Resp: 283154
Ion Ratio Lower Upper
152 100
115 49.4 30.6 91.6
150 129.2 0.0 355.0



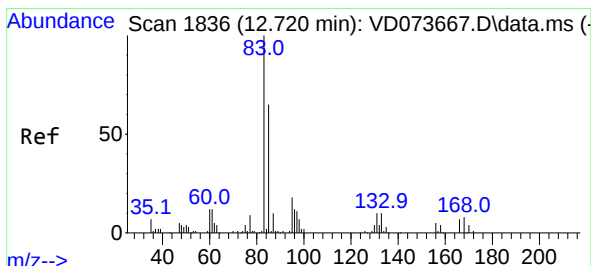
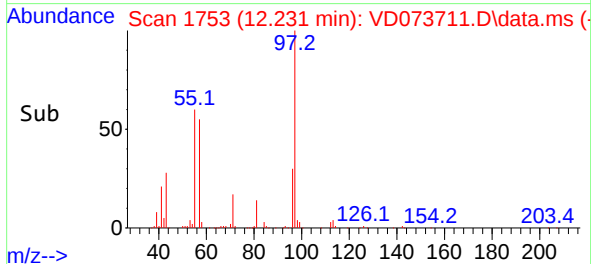
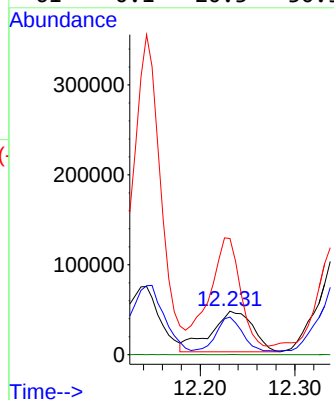


#74
N-amy1 acetate
Concen: 29.604 ug/l
RT: 12.231 min Scan# 1753
Delta R.T. -0.047 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

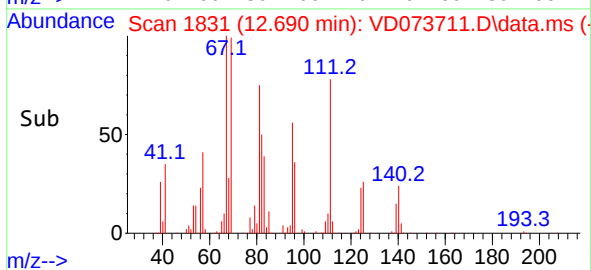
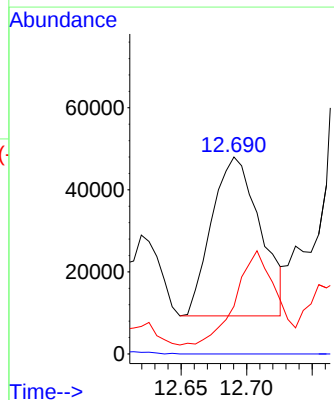
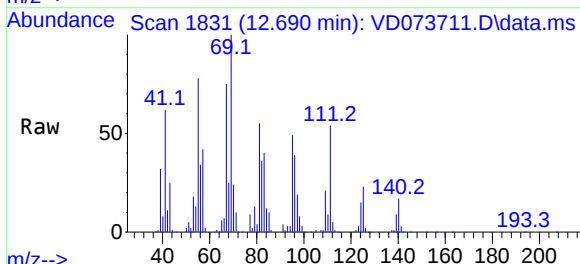


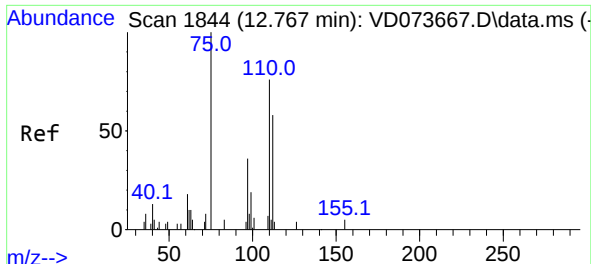
Tgt Ion: 43 Resp: 140062
Ion Ratio Lower Upper
43 100
70 49.9 35.0 52.6
55 188.8 21.0 31.4#
61 0.1 20.3 30.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 22.892 ug/l
RT: 12.690 min Scan# 1831
Delta R.T. -0.030 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 83 Resp: 99860
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.7#
85 49.0 32.3 96.9

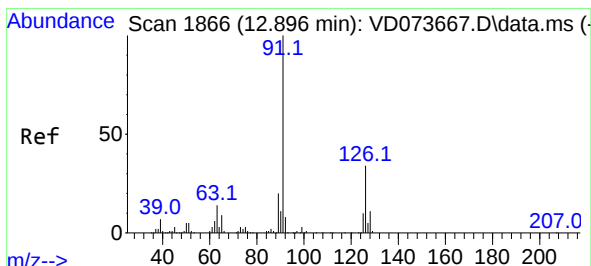
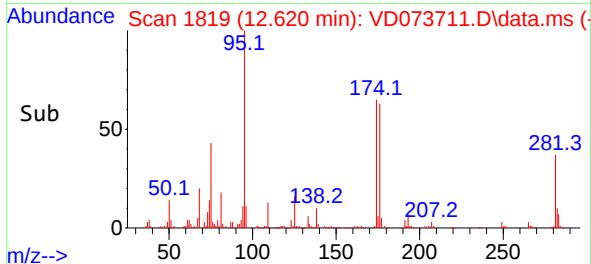
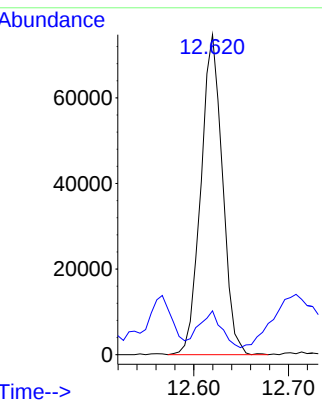
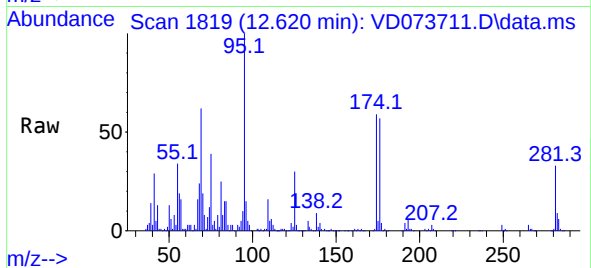




#76
1,2,3-Trichloropropane
Concen: 42.989 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

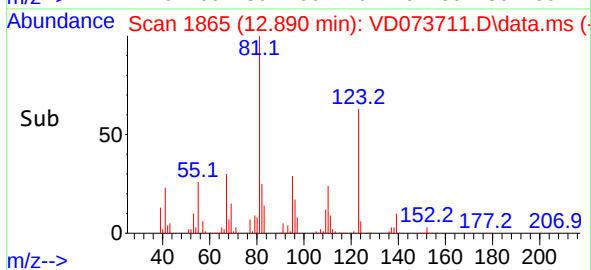
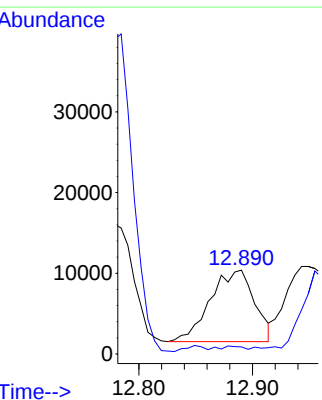
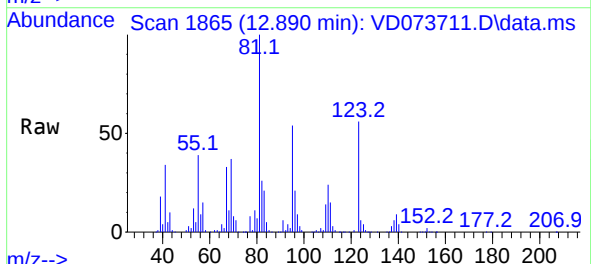
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

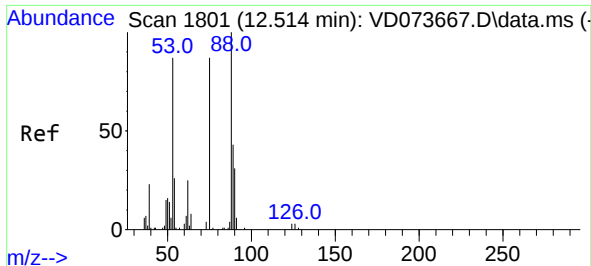
Tgt Ion: 75 Resp: 118458
Ion Ratio Lower Upper
75 100
77 11.9 195.3 586.0#



#79
2-Chlorotoluene
Concen: 1.459 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 91 Resp: 24010
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#

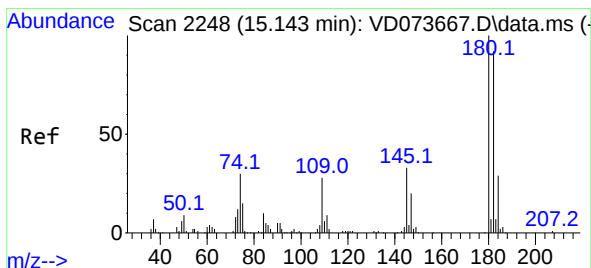
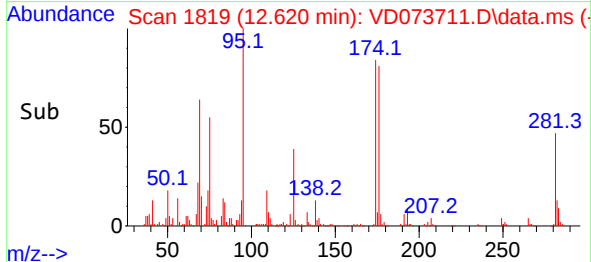
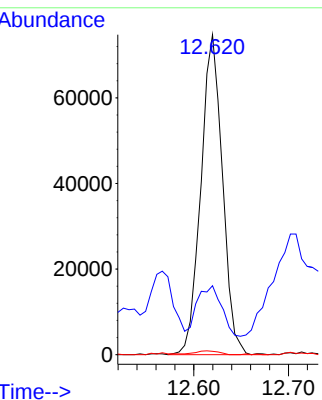
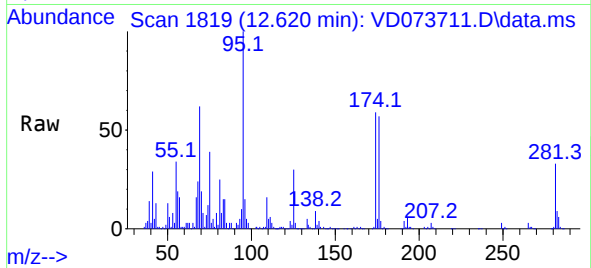




#81
trans-1,4-Dichloro-2-butene
Concen: 87.766 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

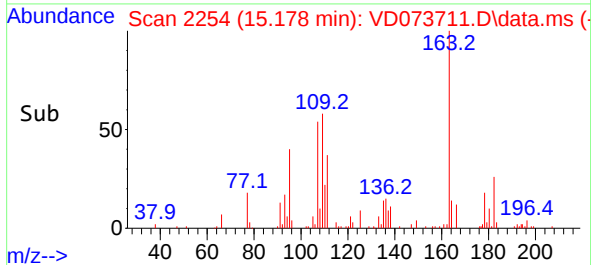
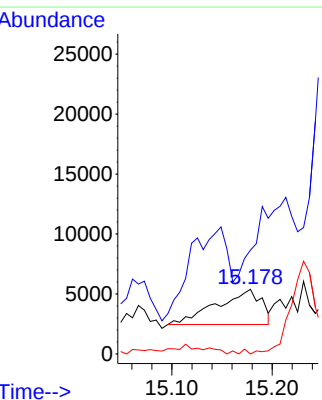
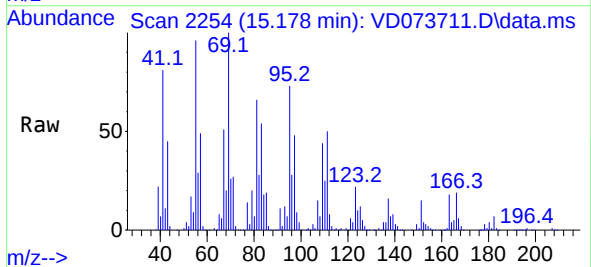
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

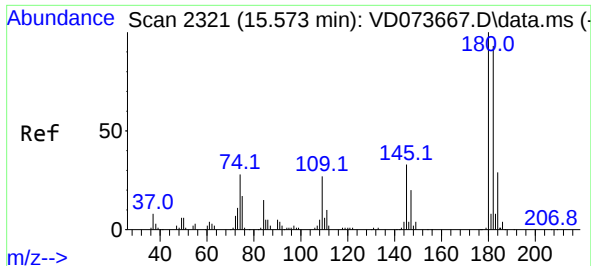
Tgt Ion: 75 Resp: 118458
Ion Ratio Lower Upper
75 100
53 17.7 77.0 115.6#
89 1.3 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 1.529 ug/l
RT: 15.178 min Scan# 2254
Delta R.T. 0.035 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

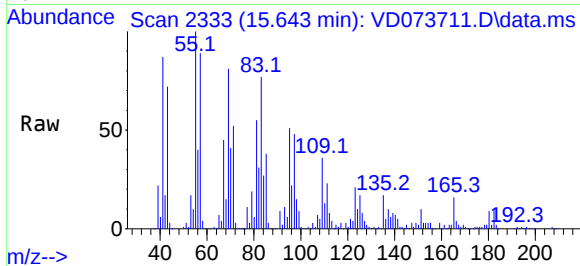
Tgt Ion:180 Resp: 9097
Ion Ratio Lower Upper
180 100
182 0.0 48.0 144.0#
145 0.0 16.2 48.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.465 ug/l
 RT: 15.643 min Scan# 21
 Delta R.T. 0.070 min
 Lab File: VD073711.D
 Acq: 25 Jun 2022 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-3-GR



Tgt Ion:180 Resp: 12810
 Ion Ratio Lower Upper
 180 100
 182 99.0 49.0 147.0
 145 37.8 17.6 52.8

