

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074050.D
 Acq On : 11 Aug 2022 19:18
 Operator : VA/SY
 Sample : N4130-03RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB03RE

Quant Time: Aug 12 01:19:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

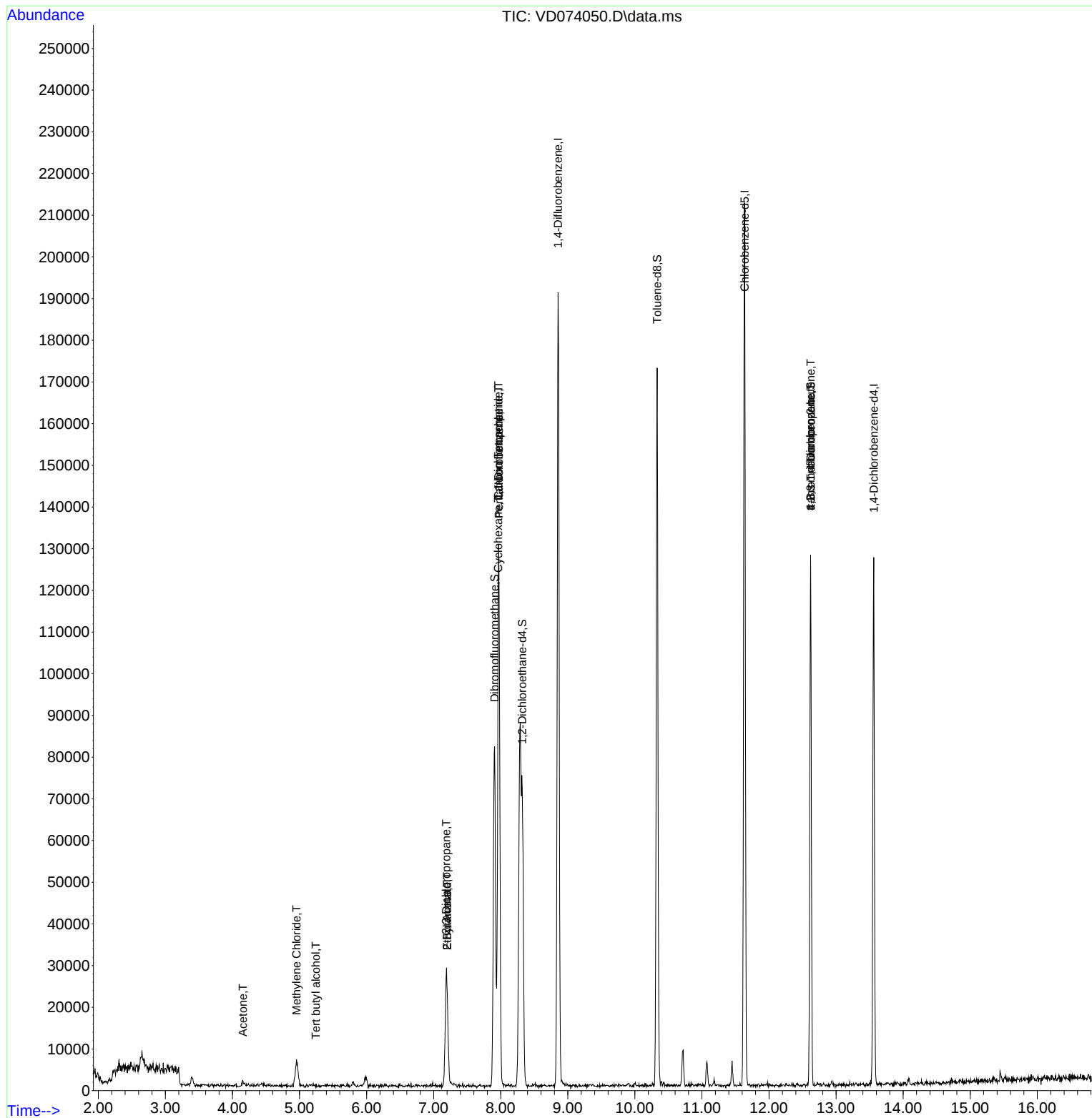
Internal Standards						
1) Pentafluorobenzene	7.973	168	90878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	162454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	121029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	49753	72.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.580%	
35) Dibromofluoromethane	7.908	113	56973	52.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.332	98	114677	39.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.860%	
62) 4-Bromofluorobenzene	12.620	95	36119	27.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 54.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	1408	Below Cal		78
3) Chloromethane	2.209	50	179	Below Cal	#	40
11) Tert butyl alcohol	5.244	59	162	10.776	ug/l #	74
16) Acetone	4.156	43	1714	11.787	ug/l #	74
18) Methyl Acetate	4.462	43	211	Below Cal	#	49
20) Methylene Chloride	4.956	84	4842	2.138	ug/l #	91
25) 2-Butanone	7.203	43	1720	7.564	ug/l #	46
26) 2,2-Dichloropropane	7.185	77	1922	1.117	ug/l #	53
31) Cyclohexane	7.961	56	2194	1.376	ug/l #	27
36) 1,1-Dichloropropene	7.967	75	8717	5.309	ug/l #	50
37) Ethyl Acetate	7.203	43	1720	2.943	ug/l #	1
38) Carbon Tetrachloride	7.967	117	9869	5.331	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	21361	74.884	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	21361	199.865	ug/l #	13

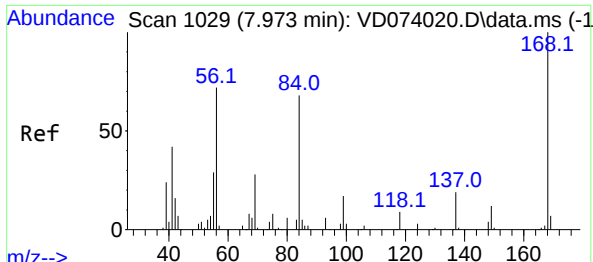
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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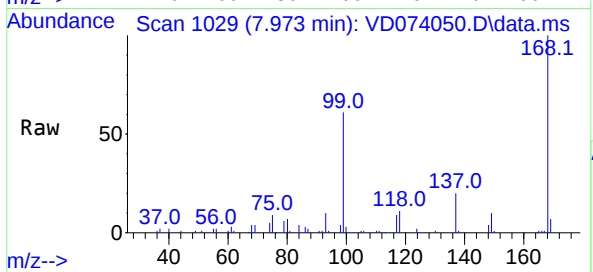
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
Response via : Initial Calibration



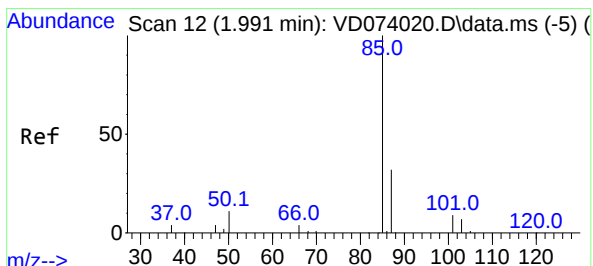
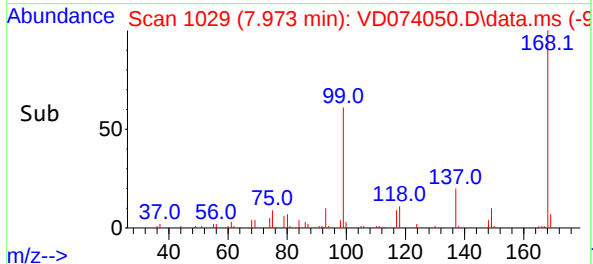
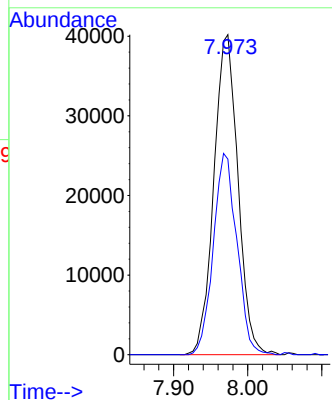


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Instrument :
MSVOA_D
ClientSampleId :
SB03RE

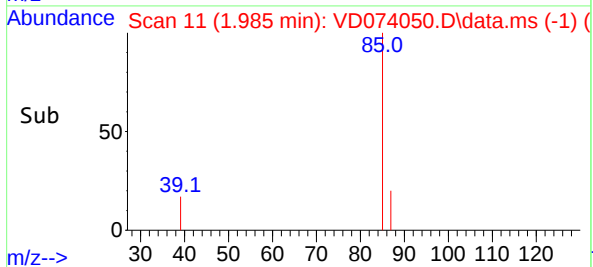
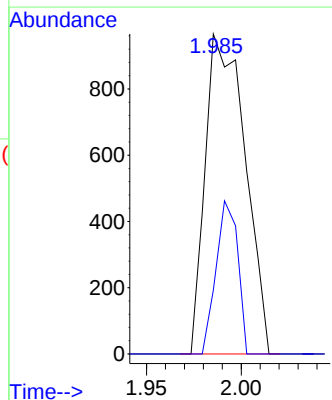
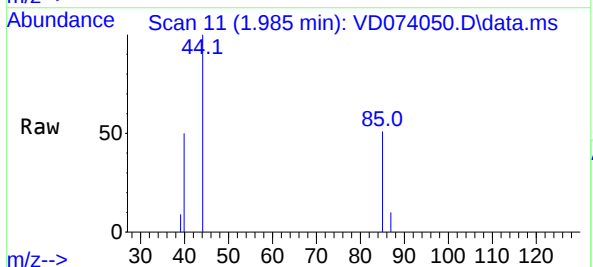


Tgt Ion:168 Resp: 90878
Ion Ratio Lower Upper
168 100
99 61.1 48.3 72.5

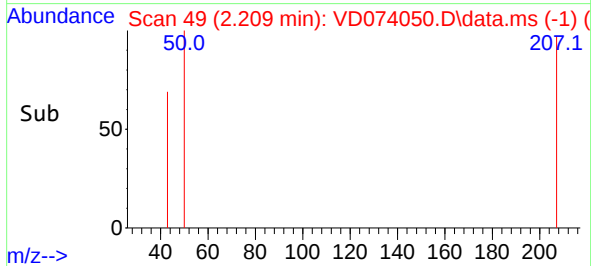
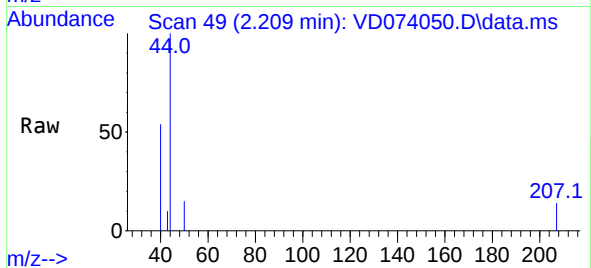
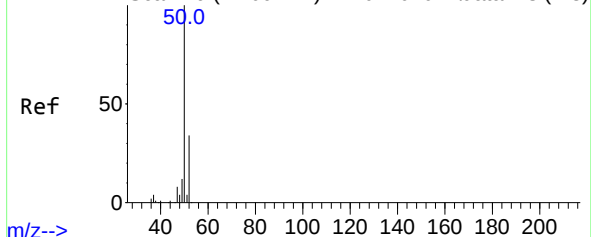


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 85 Resp: 1408
Ion Ratio Lower Upper
85 100
87 19.9 16.0 47.9



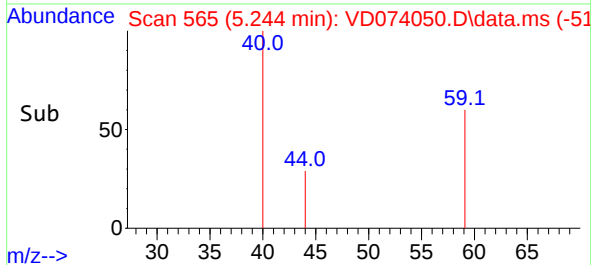
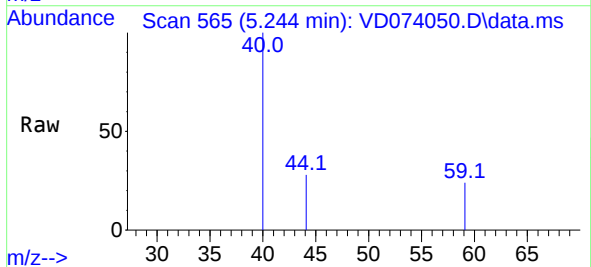
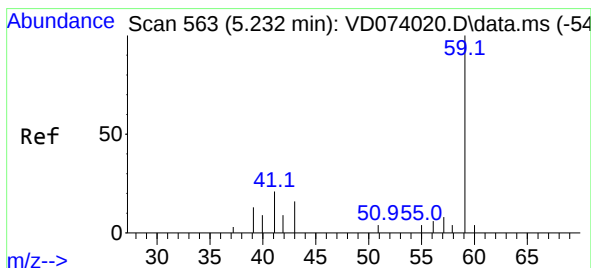
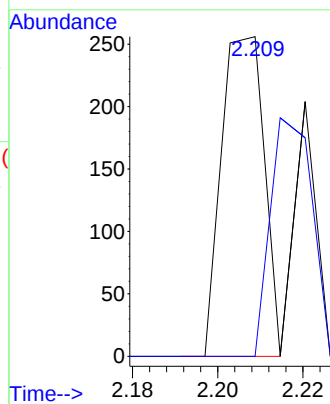
Abundance Scan 49 (2.209 min): VD074020.D\data.ms (-43)



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

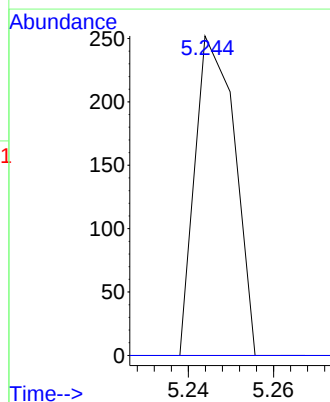
Instrument :
MSVOA_D
ClientSampleId :
SB03RE

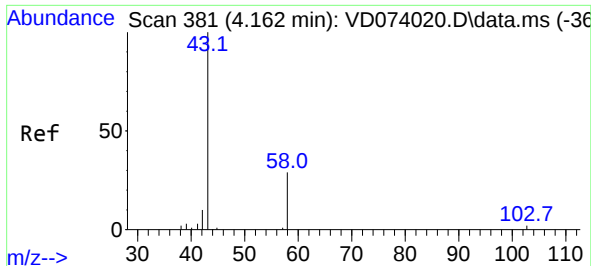
Tgt Ion: 50 Resp: 179
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#



#11
Tert butyl alcohol
Concen: 10.776 ug/l
RT: 5.244 min Scan# 565
Delta R.T. 0.012 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

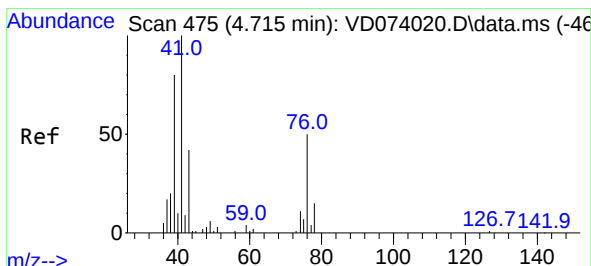
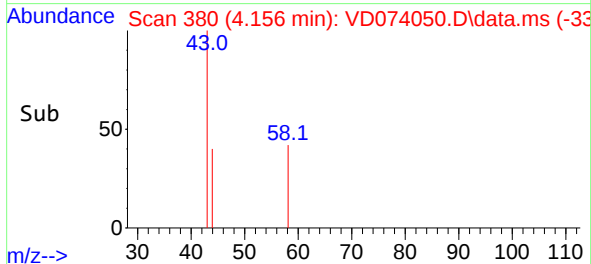
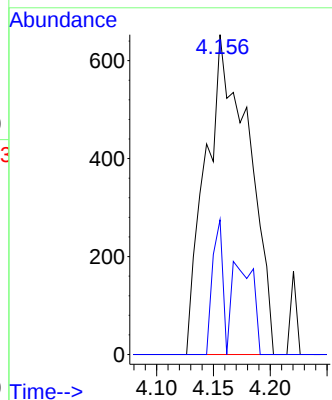
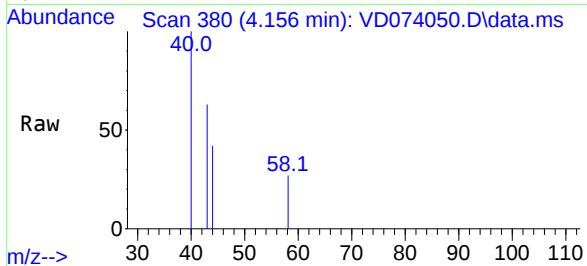




#16
Acetone
Concen: 11.787 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

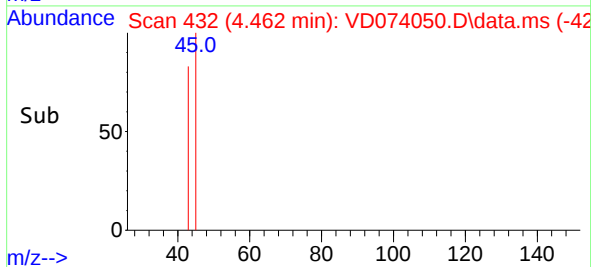
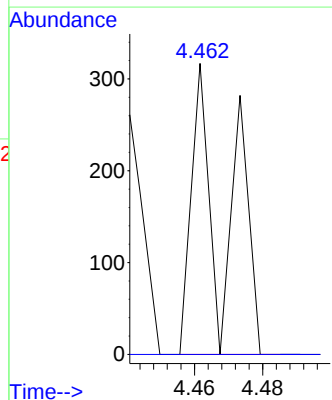
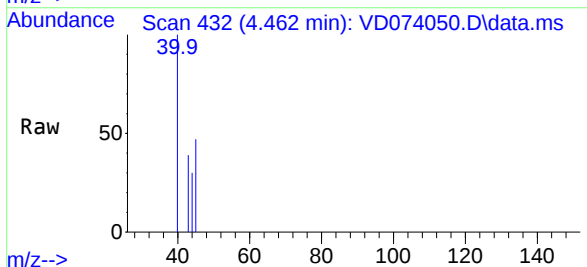
Instrument :
MSVOA_D
ClientSampleId :
SB03RE

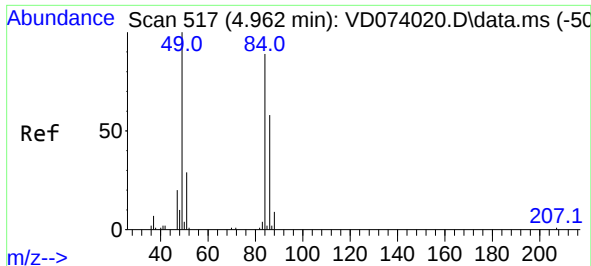
Tgt Ion: 43 Resp: 1714
Ion Ratio Lower Upper
43 100
58 42.1 22.8 34.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.462 min Scan# 432
Delta R.T. -0.253 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#

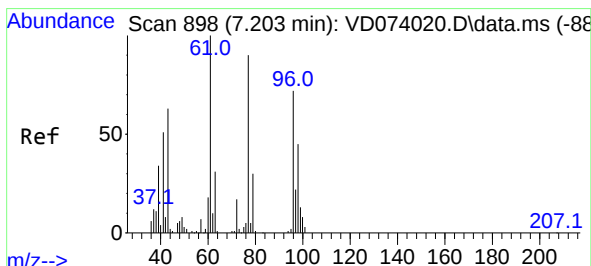
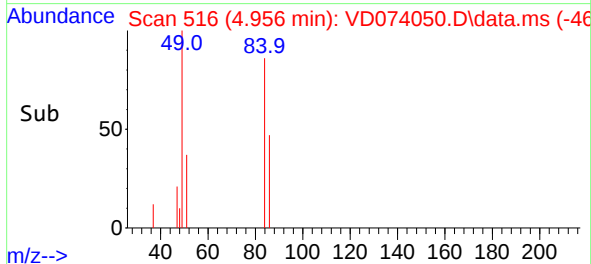
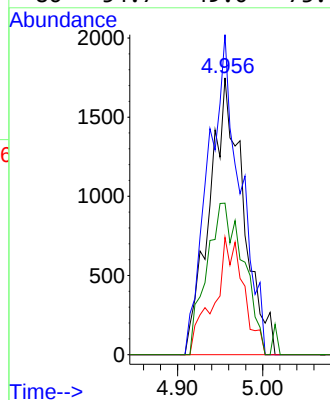
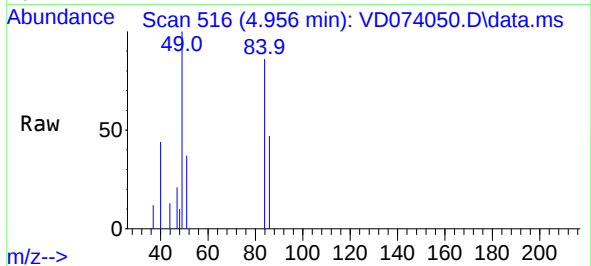




#20
Methylene Chloride
Concen: 2.138 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

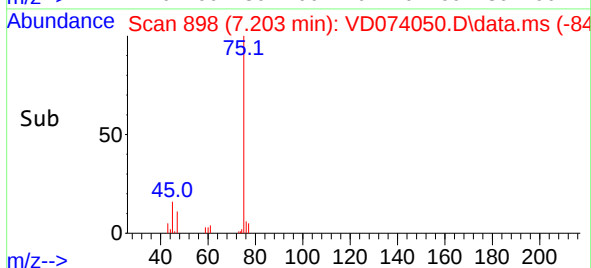
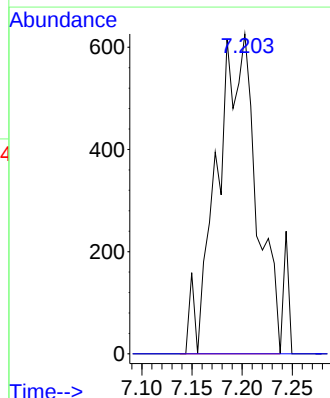
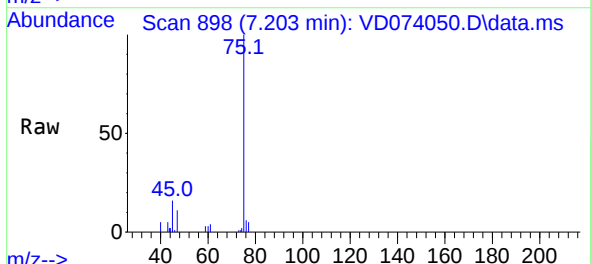
Instrument :
MSVOA_D
ClientSampleId :
SB03RE

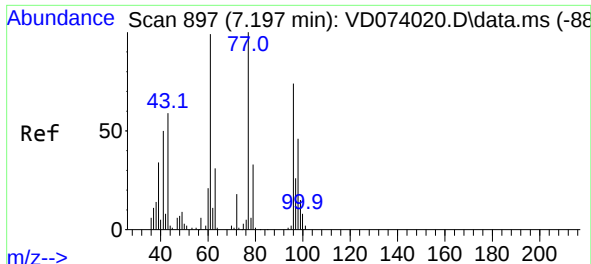
Tgt Ion:	84	Resp:	4842
Ion	Ratio	Lower	Upper
84	100		
49	115.6	85.8	128.6
51	42.4	28.0	42.0#
86	54.7	49.0	73.4



#25
2-Butanone
Concen: 7.564 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion:	43	Resp:	1720
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

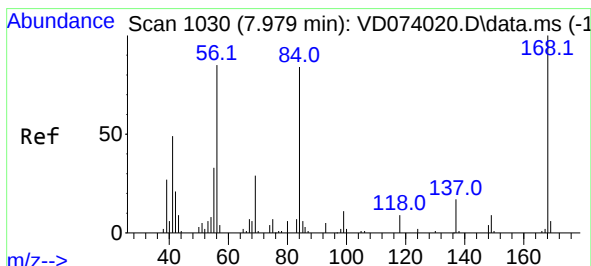
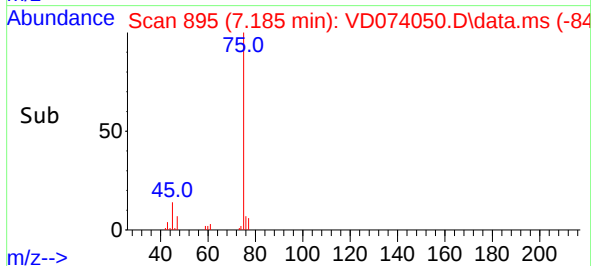
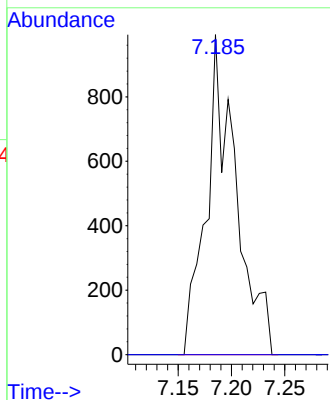
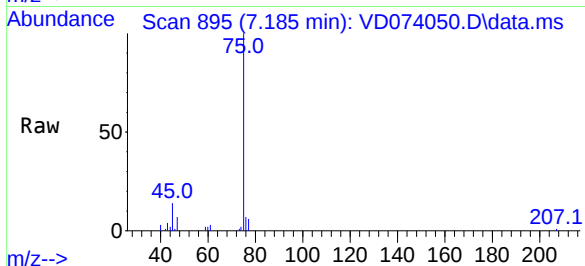




#26
2,2-Dichloropropane
Concen: 1.117 ug/l
RT: 7.185 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

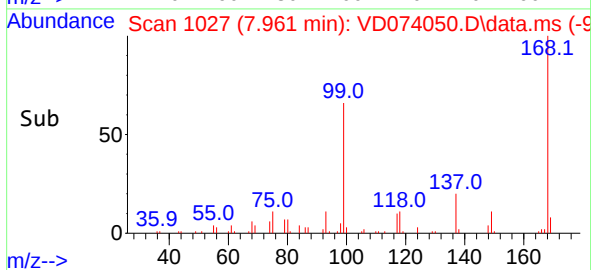
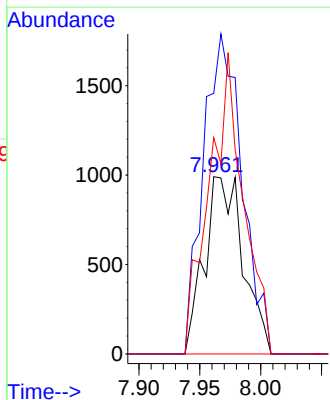
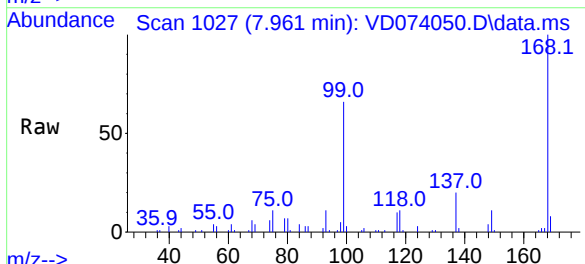
Instrument :
MSVOA_D
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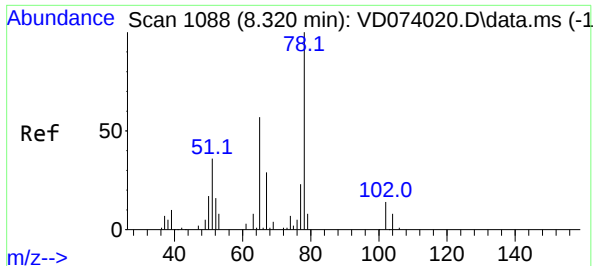
Tgt Ion: 77 Resp: 1922
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.5#



#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 56 Resp: 2194
Ion Ratio Lower Upper
56 100
69 147.0 27.9 41.9#
84 122.0 75.8 113.6#

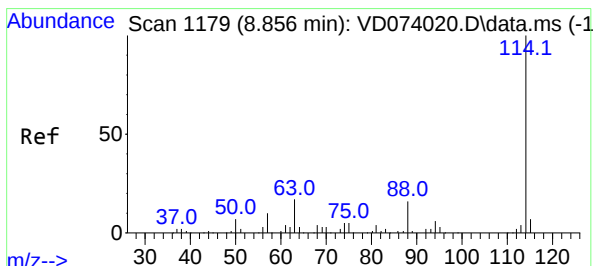
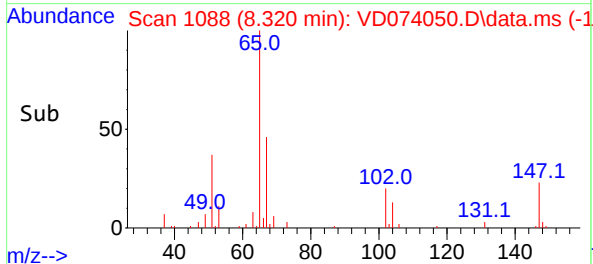
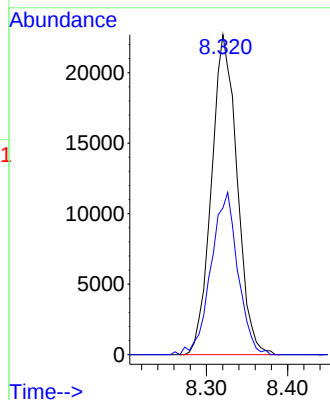
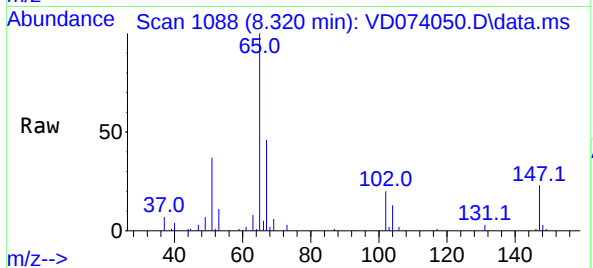




#33
1,2-Dichloroethane-d4
Concen: 72.794 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

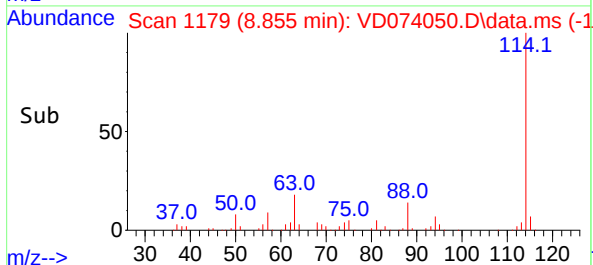
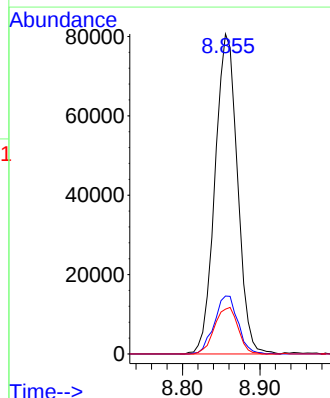
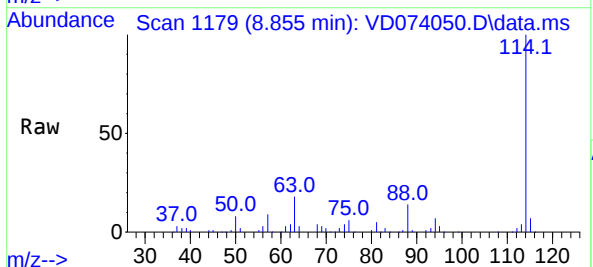
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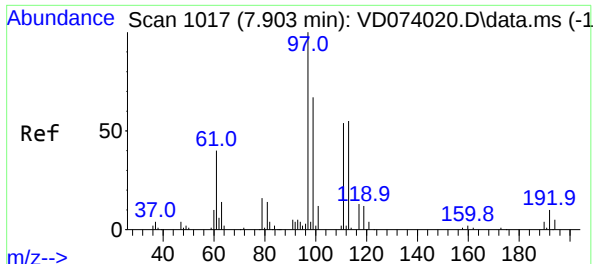
Tgt Ion: 65 Resp: 49753
Ion Ratio Lower Upper
65 100
67 53.0 0.0 113.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 114 Resp: 162454
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.0
88 14.0 0.0 31.6

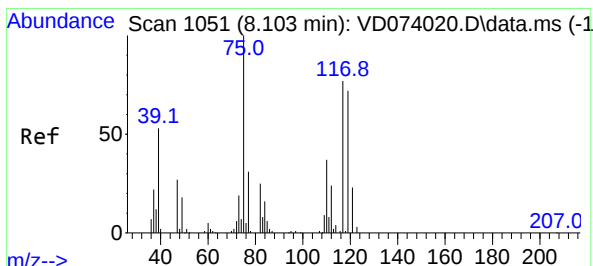
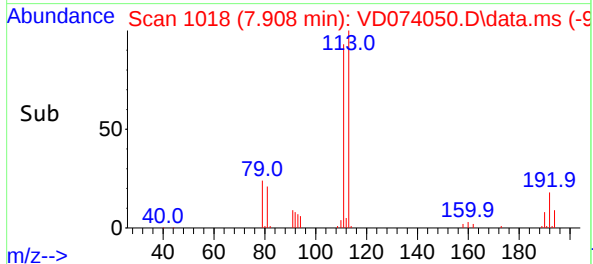
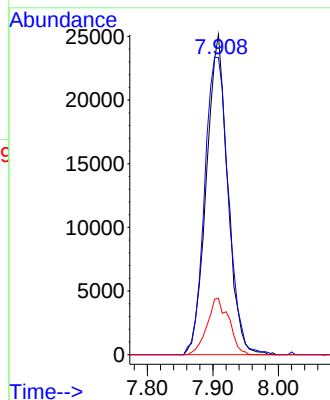
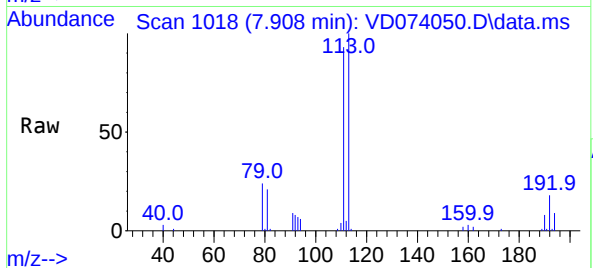




#35
Dibromofluoromethane
Concen: 52.802 ug/l
RT: 7.908 min Scan# 1017
Delta R.T. 0.005 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

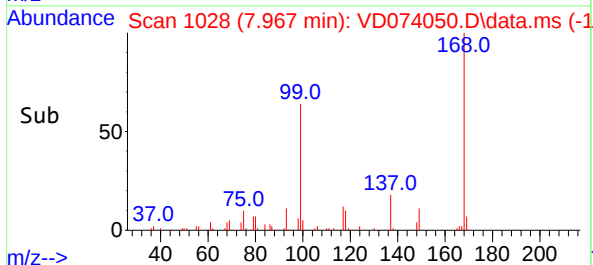
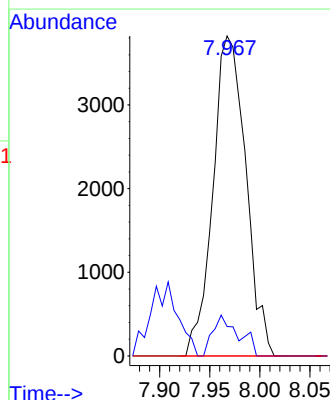
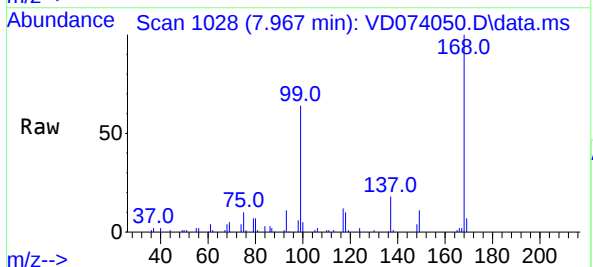
Instrument :
MSVOA_D
ClientSampleId :
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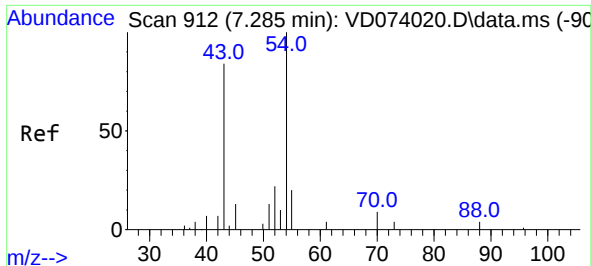
Tgt Ion:113 Resp: 56973
Ion Ratio Lower Upper
113 100
111 103.3 80.0 120.0
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 75 Resp: 8717
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.4#
77 0.0 24.6 36.8#

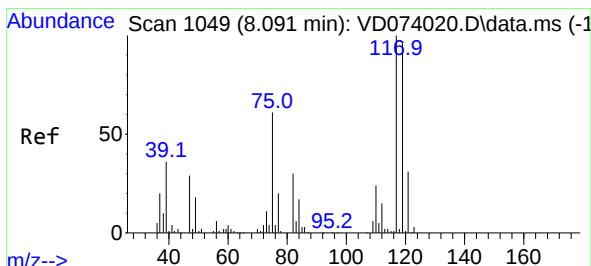
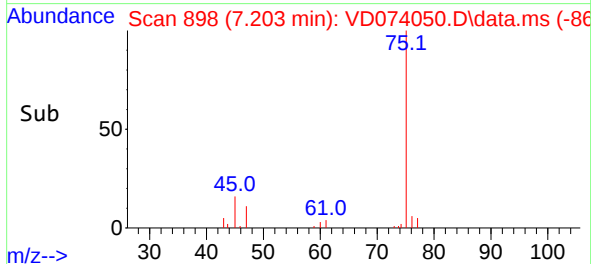
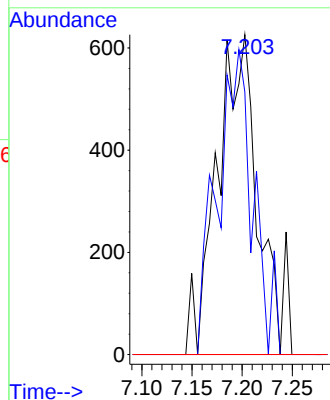
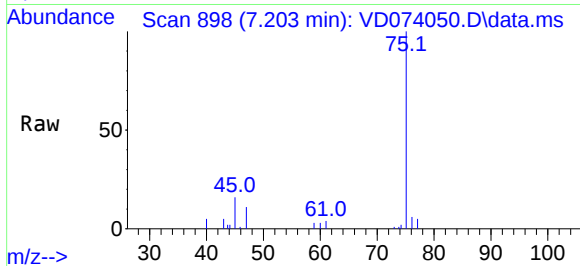




#37
Ethyl Acetate
Concen: 2.943 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.082 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

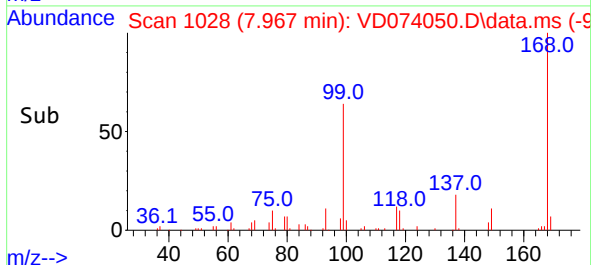
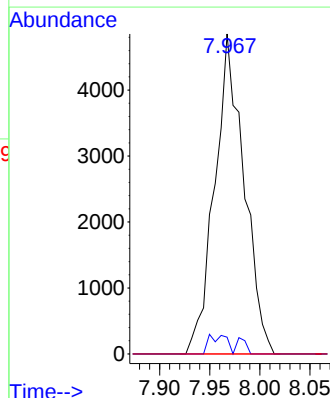
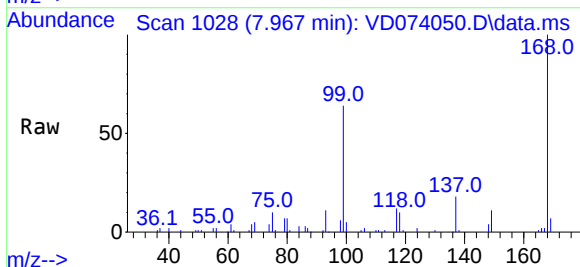
Instrument :
MSVOA_D
ClientSampleId :
SB03RE

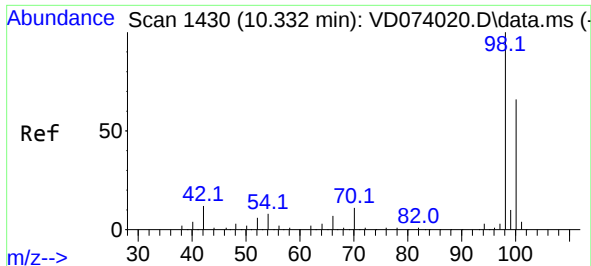
Tgt Ion: 43 Resp: 1720
Ion Ratio Lower Upper
43 100
61 81.9 11.0 16.6#
70 0.0 10.2 15.2#



#38
Carbon Tetrachloride
Concen: 5.331 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 117 Resp: 9869
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 25.2 37.8#

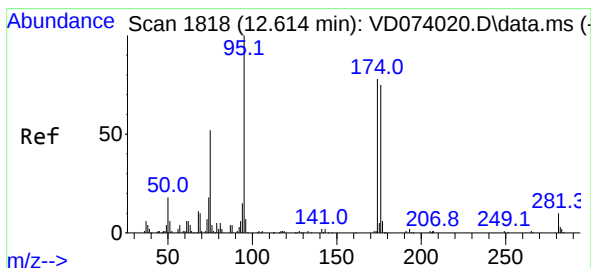
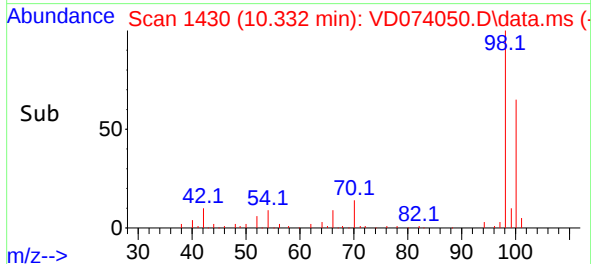
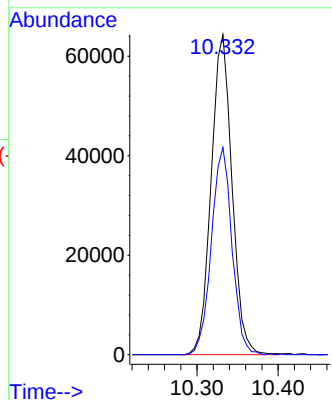
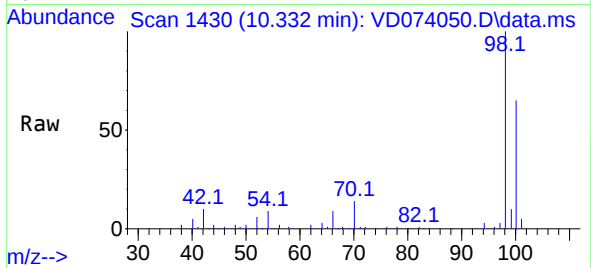




#50
Toluene-d8
Concen: 39.429 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

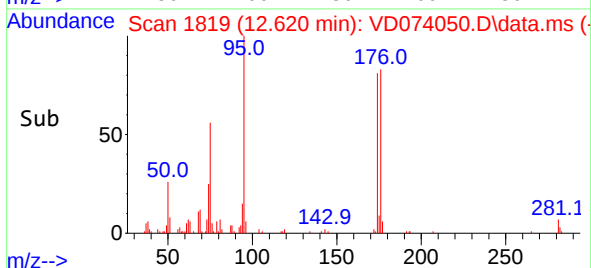
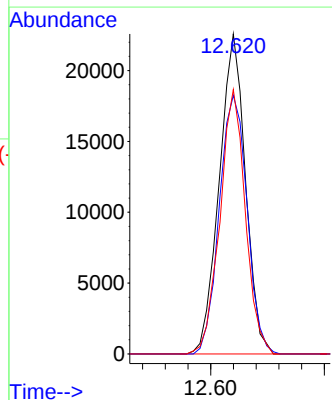
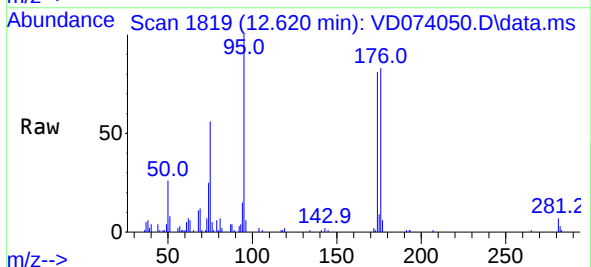
Instrument :
MSVOA_D
ClientSampleId :
SB03RE

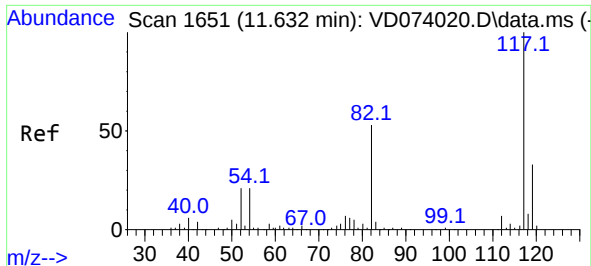
Tgt Ion: 98 Resp: 114677
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 27.221 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 95 Resp: 36119
Ion Ratio Lower Upper
95 100
174 85.6 0.0 162.6
176 80.1 0.0 160.0

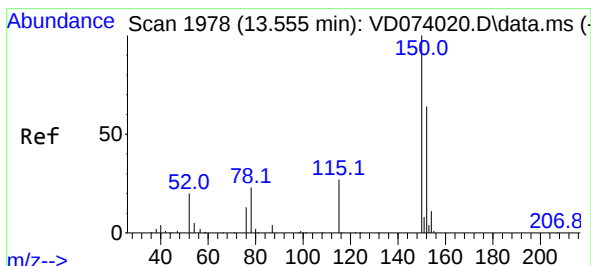
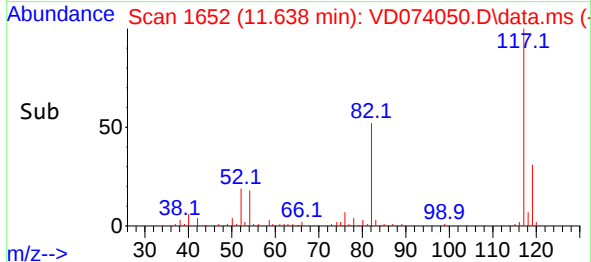
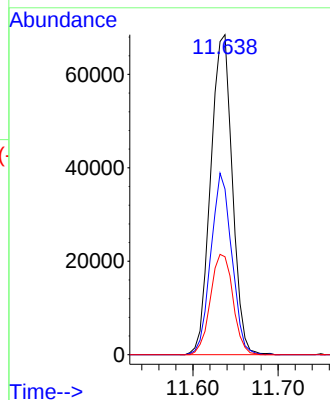
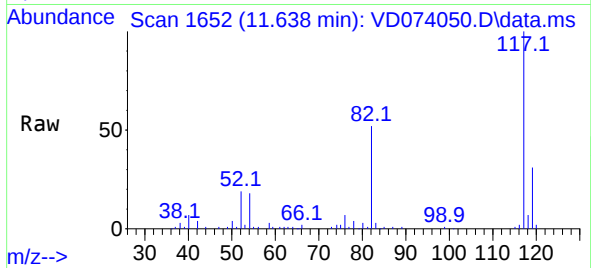




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

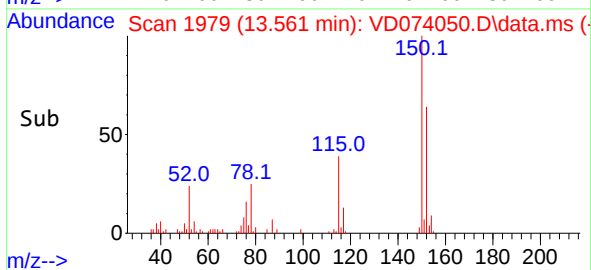
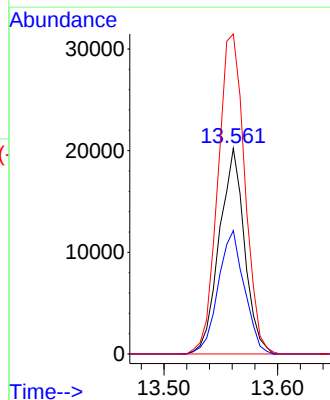
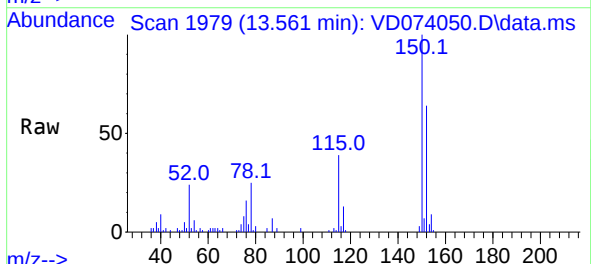
Instrument :
MSVOA_D
ClientSampleId :
SB03RE

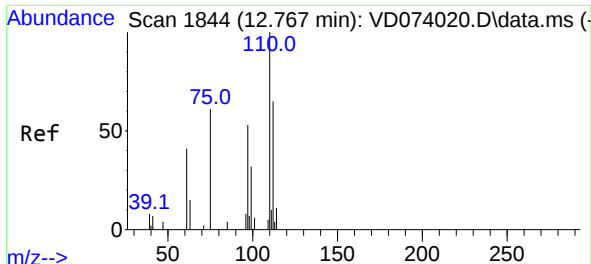
Tgt Ion:117 Resp: 121029
Ion Ratio Lower Upper
117 100
82 51.8 42.7 64.1
119 30.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion:152 Resp: 31243
Ion Ratio Lower Upper
152 100
115 62.2 29.9 89.8
150 165.7 0.0 342.8

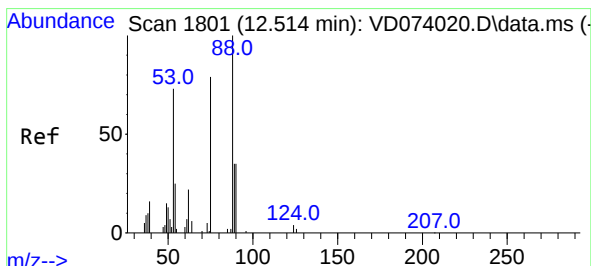
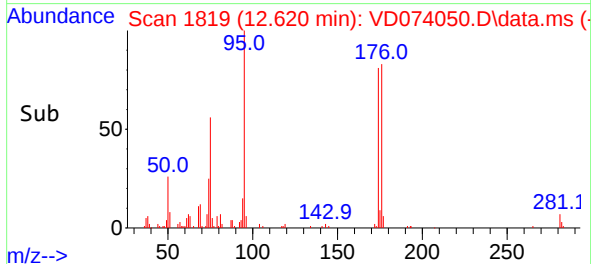
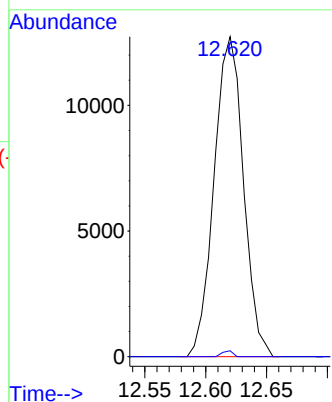
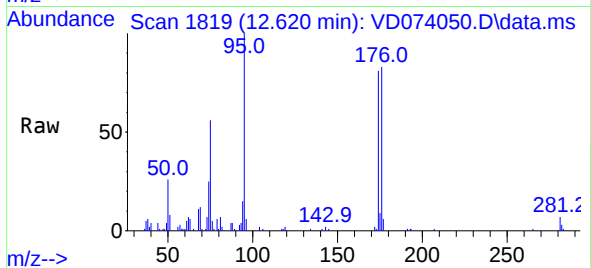




#76
1,2,3-Trichloropropane
Concen: 74.884 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Instrument :
MSVOA_D
ClientSampleId :
SB03RE

Tgt Ion: 75 Resp: 21361
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 199.865 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 75 Resp: 21361
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.3 38.3 57.5#

