

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074917.D
 Acq On : 12 Nov 2022 05:33
 Operator : VA/SY
 Sample : N5506-01RE
 Misc : 4.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Nov 14 01:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

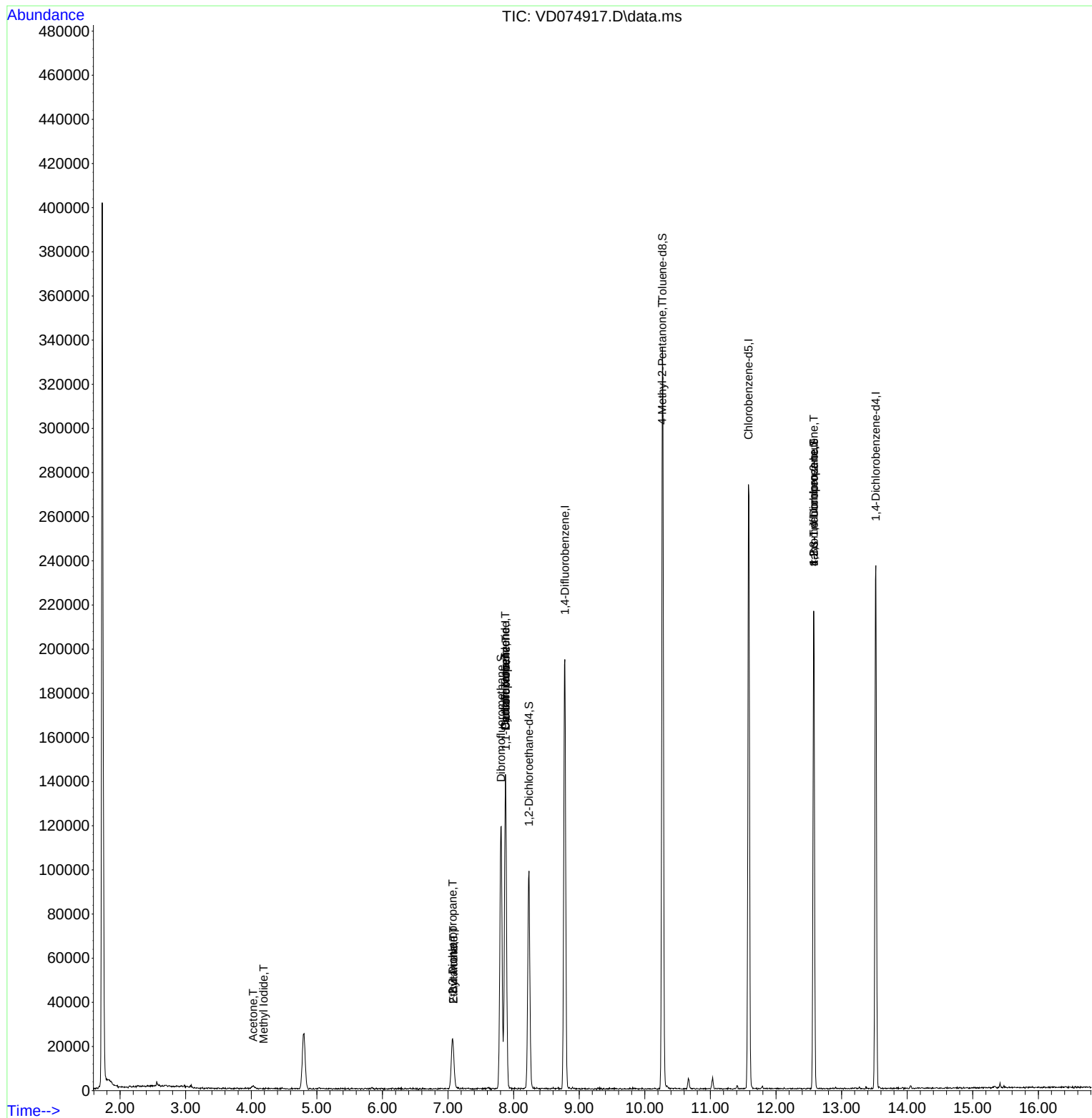
Internal Standards						
1) Pentafluorobenzene	7.875	168	118675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	188435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	70141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76530	103.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.760%#	
35) Dibromofluoromethane	7.811	113	88473	76.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 152.340%#	
50) Toluene-d8	10.269	98	249165	65.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.240%	
62) 4-Bromofluorobenzene	12.575	95	66880	56.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	318	Below Cal	#	37
5) Bromomethane	2.699	94	725	Below Cal		98
10) Methyl Iodide	4.187	142	120	4.844	ug/l #	43
11) Tert butyl alcohol	5.034	59	166	Below Cal	#	84
16) Acetone	4.028	43	2215	11.306	ug/l #	74
25) 2-Butanone	7.081	43	1153	4.501	ug/l #	42
26) 2,2-Dichloropropane	7.069	77	2041	1.035	ug/l #	50
31) Cyclohexane	7.875	56	1980	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	8323	4.875	ug/l #	46
37) Ethyl Acetate	7.081	43	1153	2.013	ug/l #	41
38) Carbon Tetrachloride	7.875	117	10776	6.706	ug/l #	19
51) 4-Methyl-2-Pentanone	10.263	43	864	1.796	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	33565	57.214	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	33565	140.747	ug/l #	17

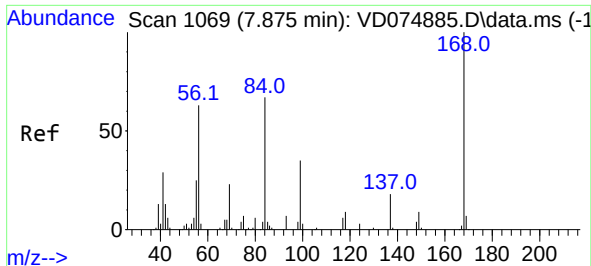
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
Data File : VD074917.D
Acq On : 12 Nov 2022 05:33
Operator : VA/SY
Sample : N5506-01RE
Misc : 4.69G/5.00ml/MSVOA_D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Quant Time: Nov 14 01:00:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

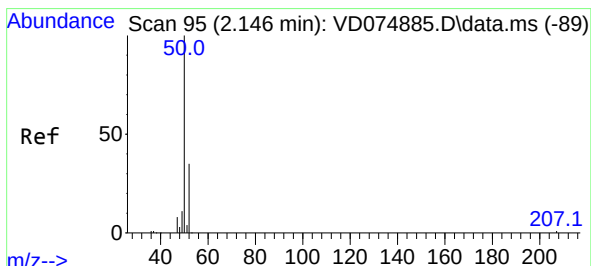
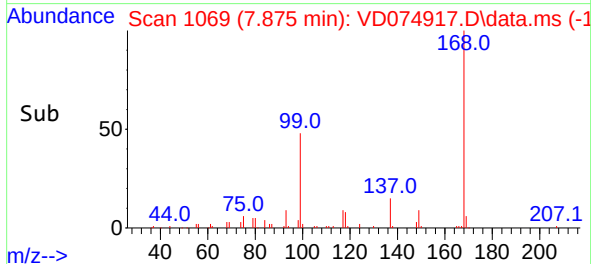
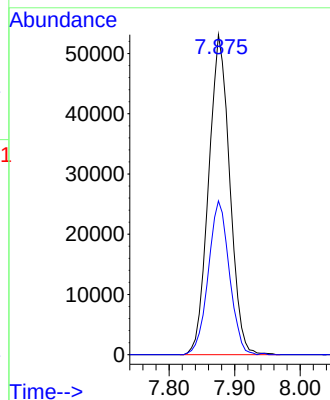
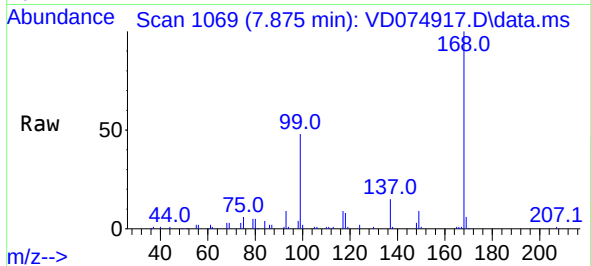




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

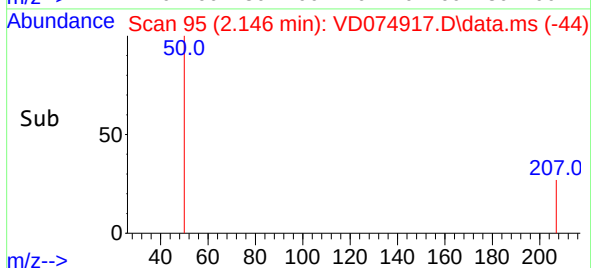
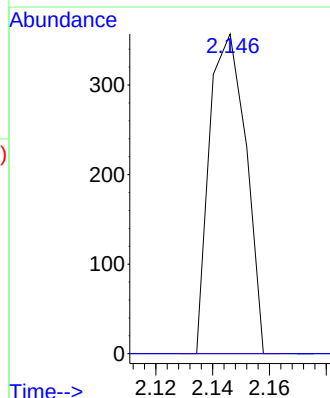
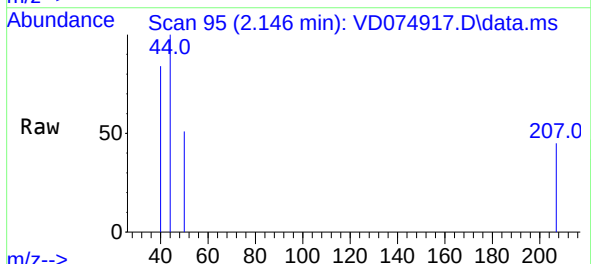
Instrument :
MSVOA_D
ClientSampleId :
TP-5

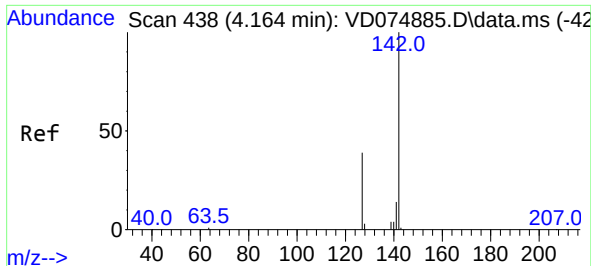
Tgt Ion:168 Resp: 118675
Ion Ratio Lower Upper
168 100
99 48.0 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

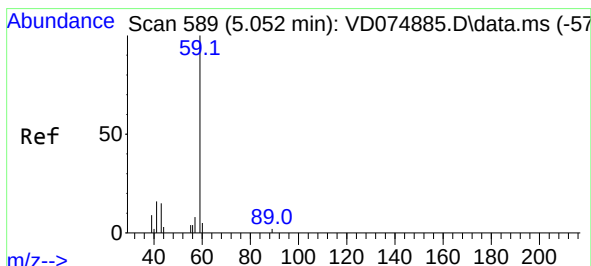
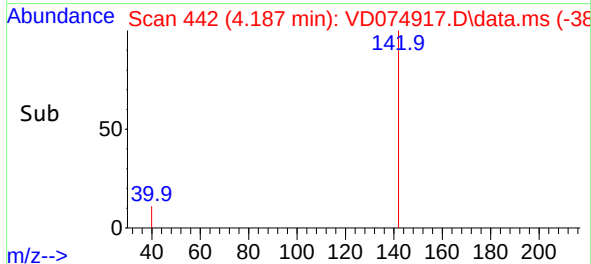
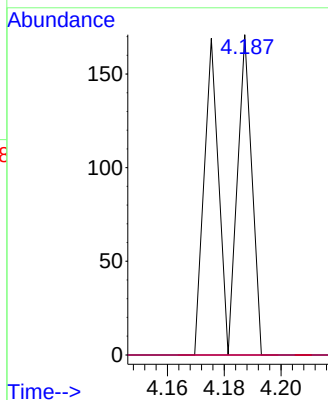
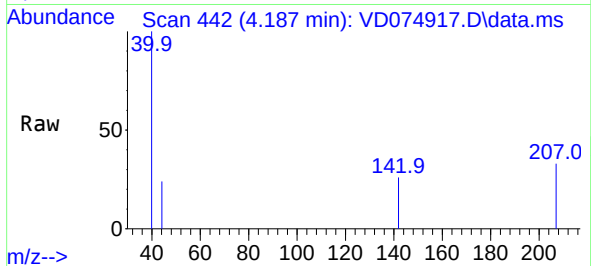




#10
Methyl Iodide
Concen: 4.844 ug/l
RT: 4.187 min Scan# 44
Delta R.T. 0.023 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

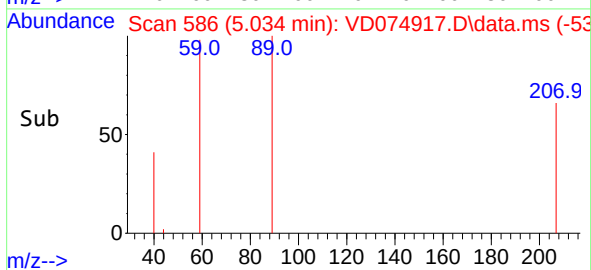
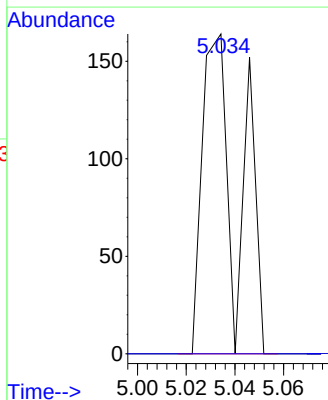
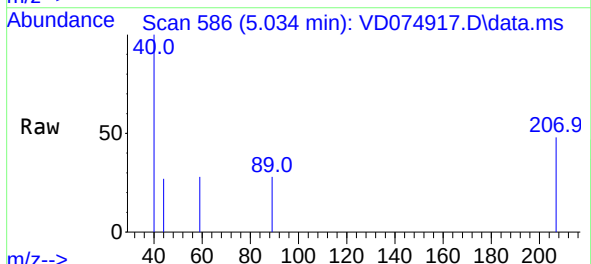
Instrument :
MSVOA_D
ClientSampleId :
TP-5

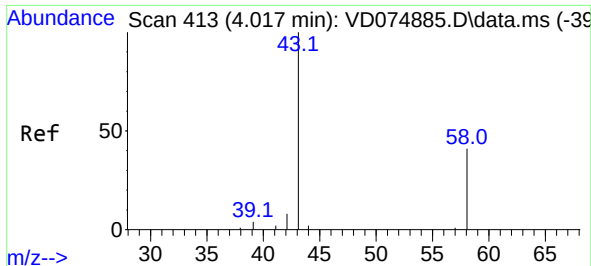
Tgt Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.034 min Scan# 586
Delta R.T. -0.018 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

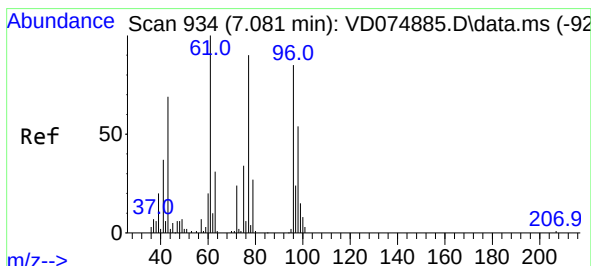
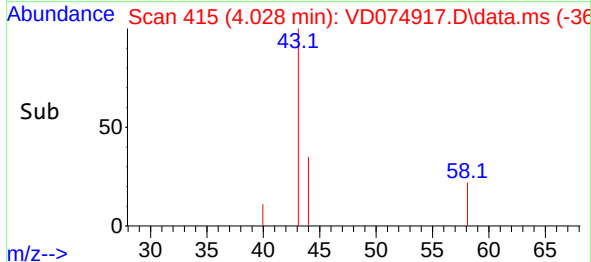
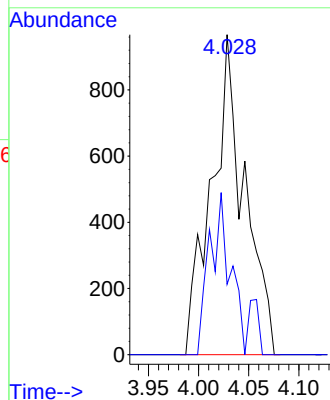
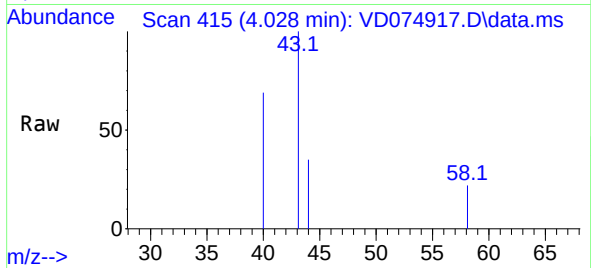




#16
Acetone
Concen: 11.306 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

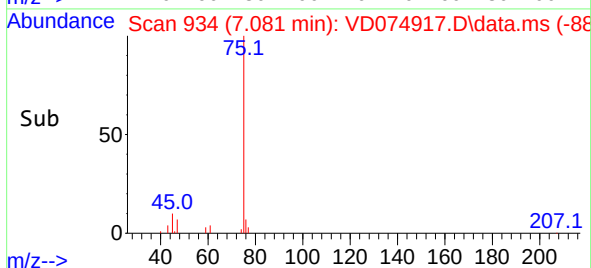
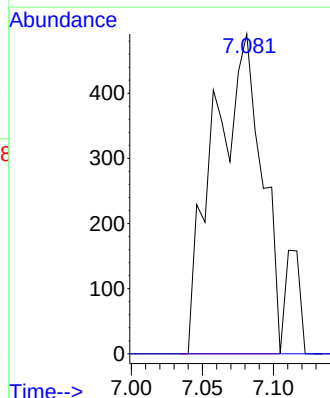
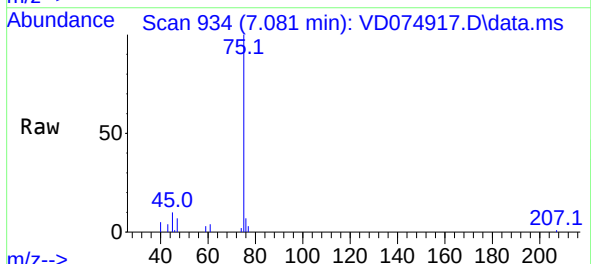
Instrument :
MSVOA_D
ClientSampleId :
TP-5

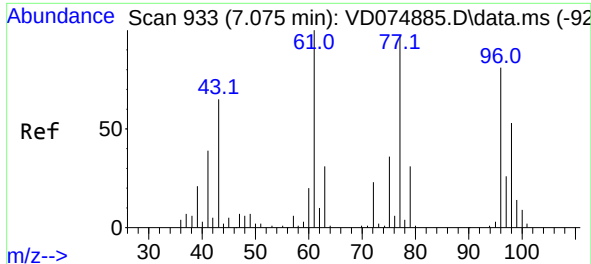
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
58 22.0 30.2 45.2#



#25
2-Butanone
Concen: 4.501 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#

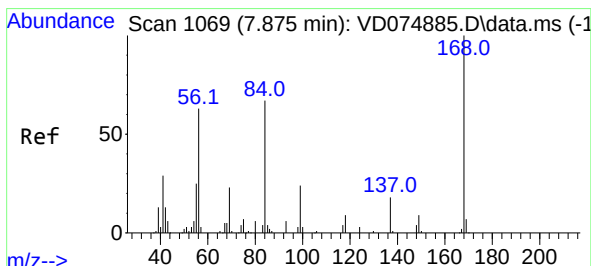
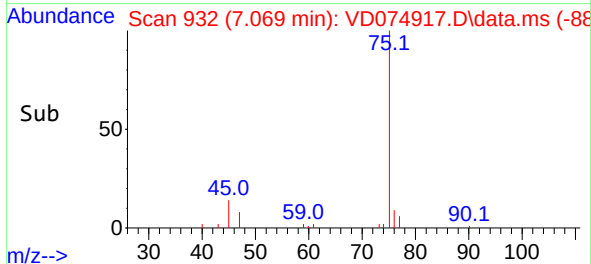
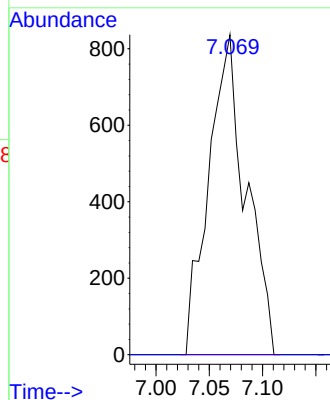
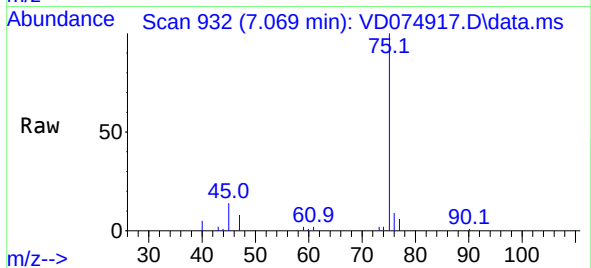




#26
2,2-Dichloropropane
Concen: 1.035 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

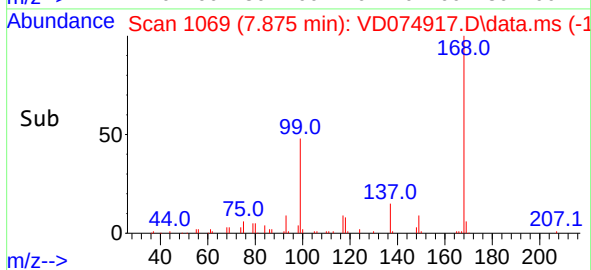
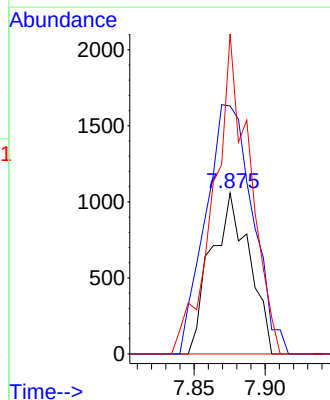
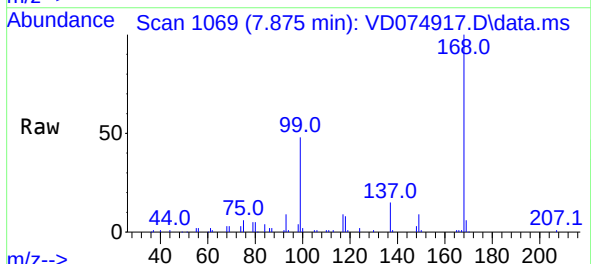
Instrument :
MSVOA_D
ClientSampleId :
TP-5

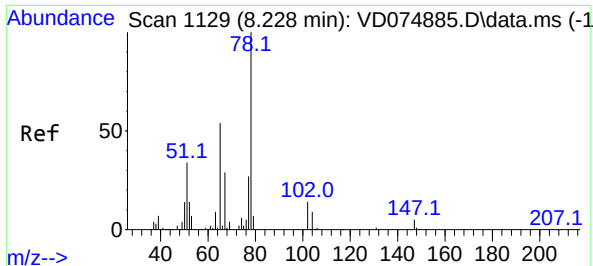
Tgt Ion: 77 Resp: 2041
Ion Ratio Lower Upper
77 100
97 0.0 12.5 37.5#



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion: 56 Resp: 1980
Ion Ratio Lower Upper
56 100
69 154.2 29.2 43.8#
84 198.9 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 103.376 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074917.D

Acq: 12 Nov 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

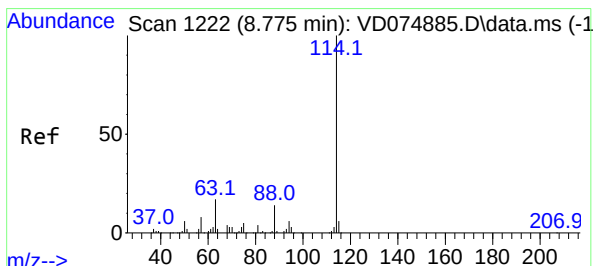
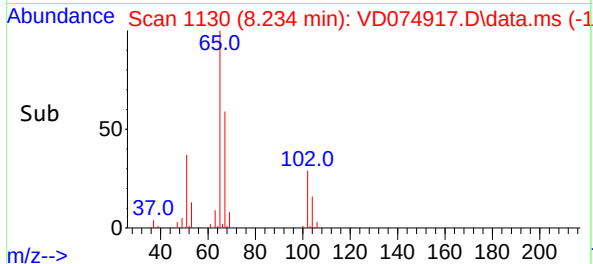
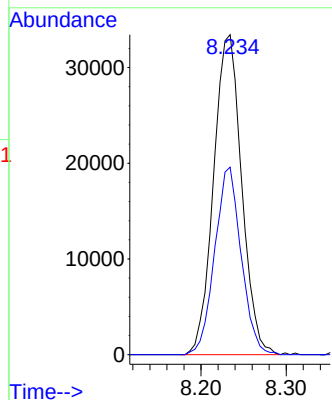
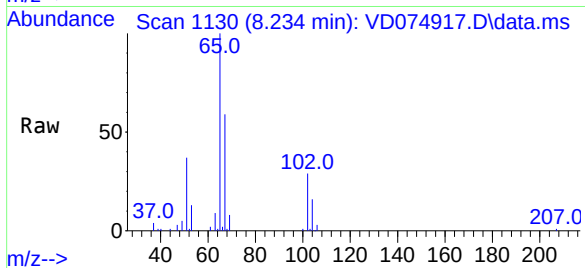
TP-5

Tgt Ion: 65 Resp: 76530

Ion Ratio Lower Upper

65 100

67 55.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074917.D

Acq: 12 Nov 2022 05:33

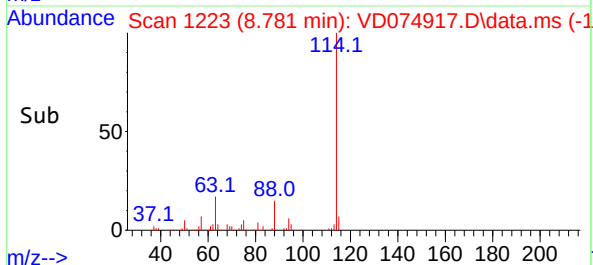
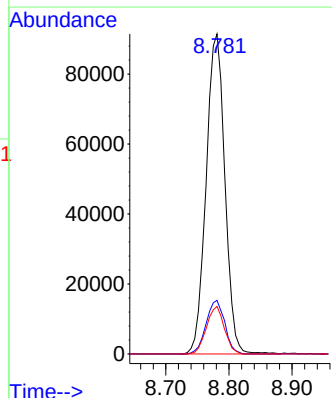
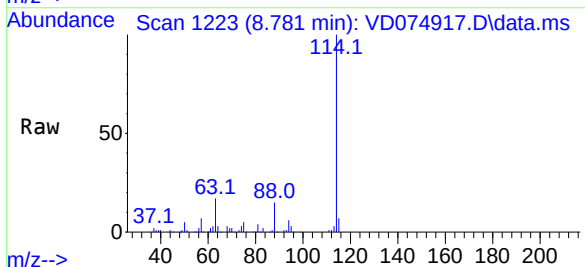
Tgt Ion: 114 Resp: 188435

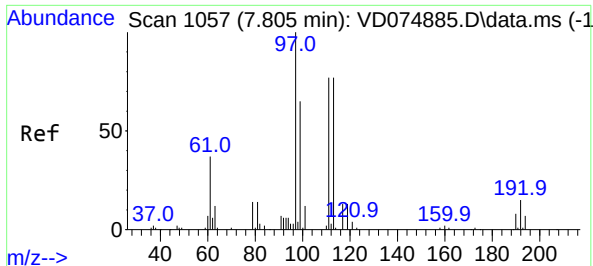
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 14.9 0.0 28.2



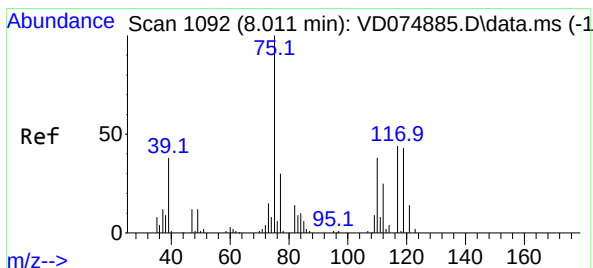
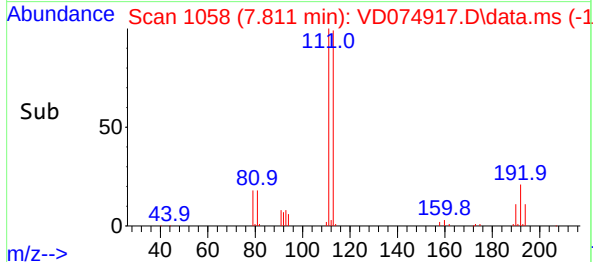
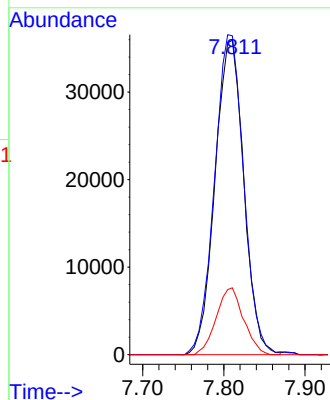
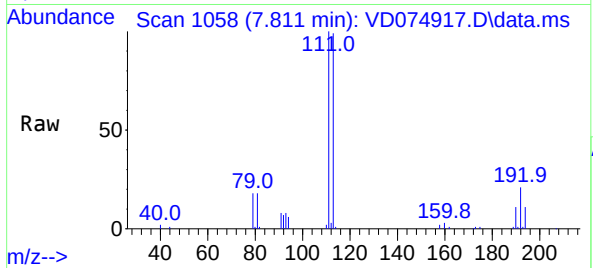


#35
 Dibromofluoromethane
 Concen: 76.167 ug/l
 RT: 7.811 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD074917.D
 Acq: 12 Nov 2022 05:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Tgt Ion: 113 Resp: 88473

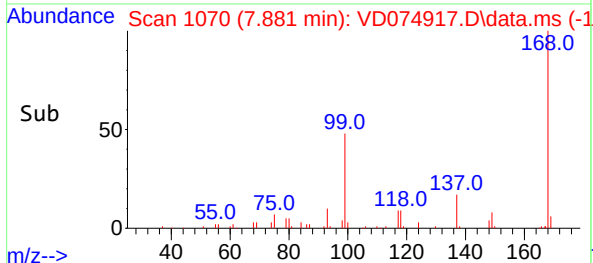
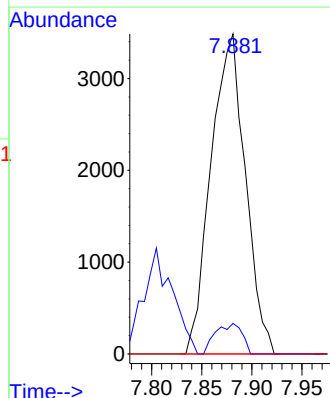
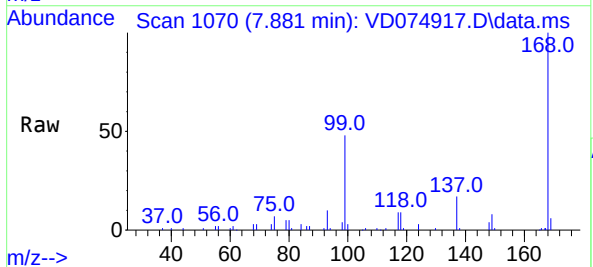
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	20.2	16.4	24.6

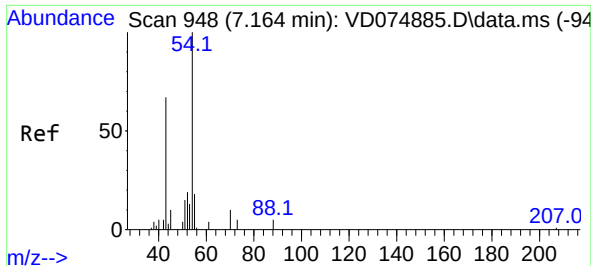


#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.130 min
 Lab File: VD074917.D
 Acq: 12 Nov 2022 05:33

Tgt Ion: 75 Resp: 8323

Ion	Ratio	Lower	Upper
75	100		
110	7.4	19.7	59.0#
77	0.0	25.4	38.2#





#37

Ethyl Acetate

Concen: 2.013 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.083 min

Lab File: VD074917.D

Acq: 12 Nov 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

TP-5

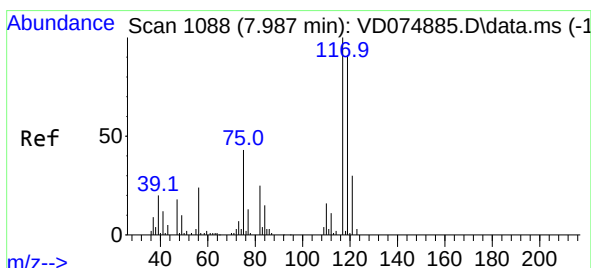
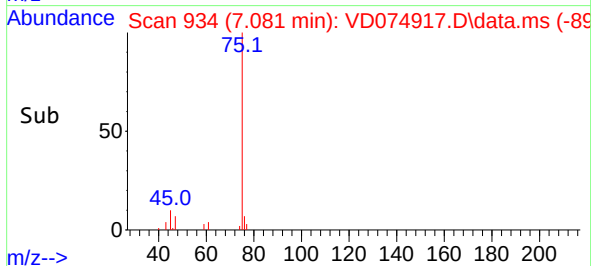
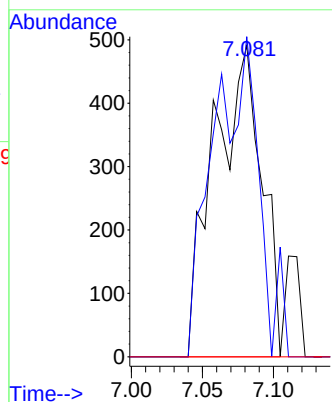
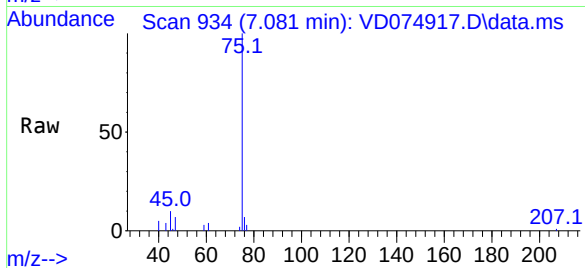
Tgt Ion: 43 Resp: 1153

Ion Ratio Lower Upper

43 100

61 49.3 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.706 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074917.D

Acq: 12 Nov 2022 05:33

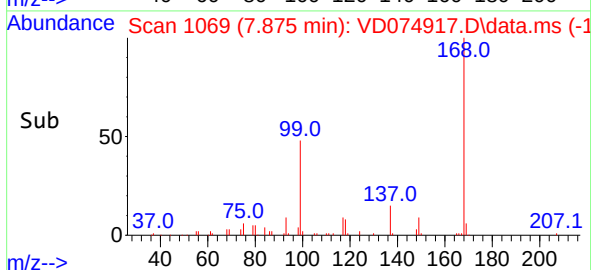
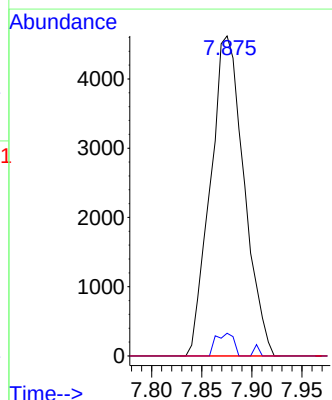
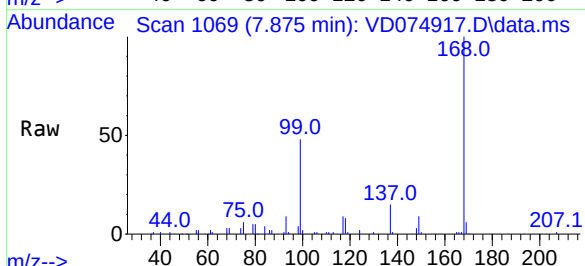
Tgt Ion: 117 Resp: 10776

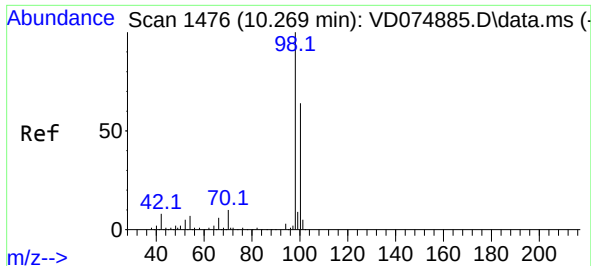
Ion Ratio Lower Upper

117 100

119 7.1 73.1 109.7#

121 0.0 25.0 37.6#

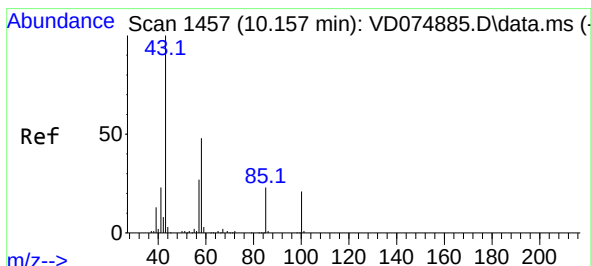
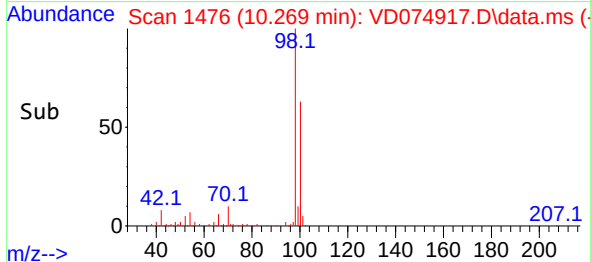
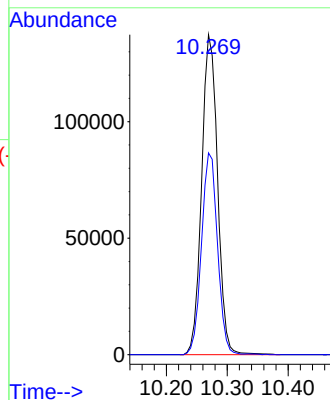
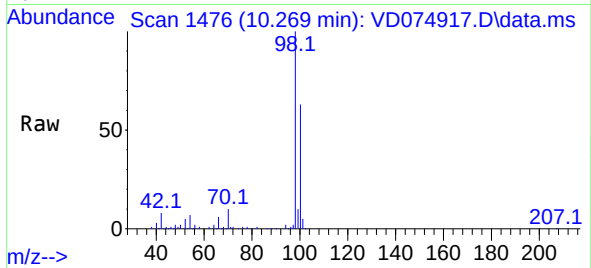




#50
Toluene-d8
Concen: 65.120 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

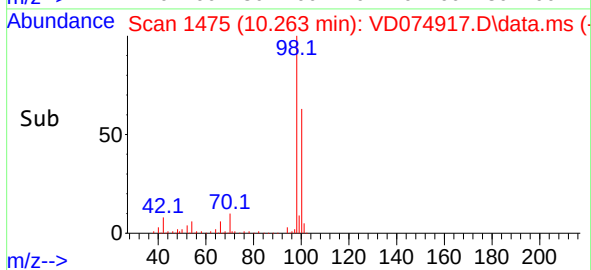
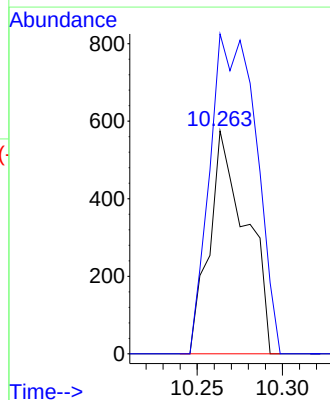
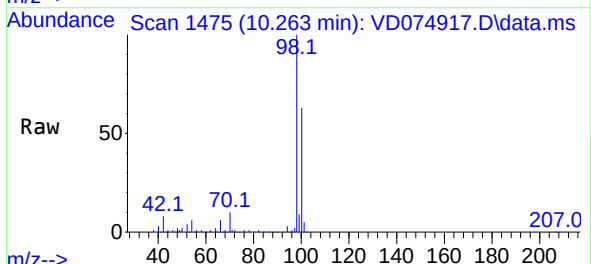
Instrument :
MSVOA_D
ClientSampleId :
TP-5

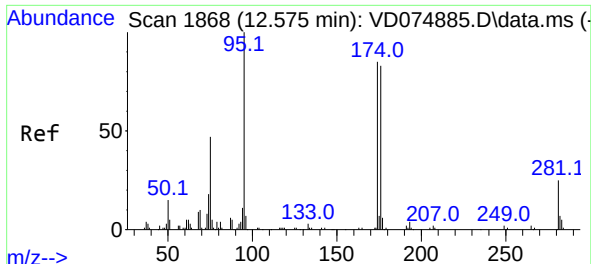
Tgt Ion: 98 Resp: 249165
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.796 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 180.0 37.8 56.6#



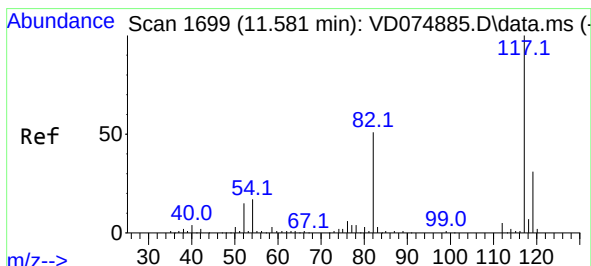
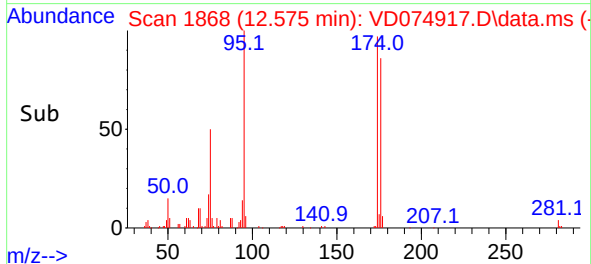
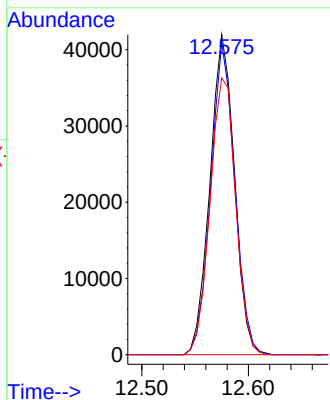
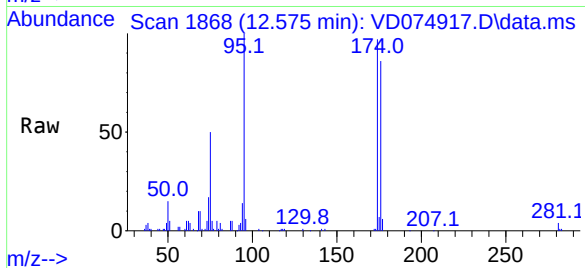


#62
4-Bromofluorobenzene
Concen: 56.923 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tgt Ion: 95 Resp: 66880

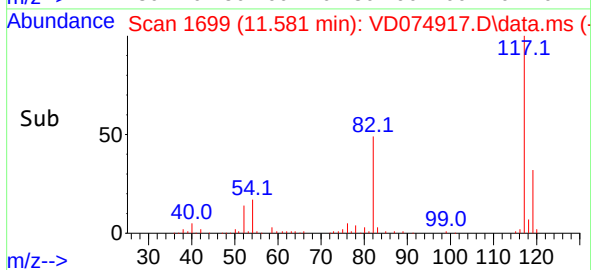
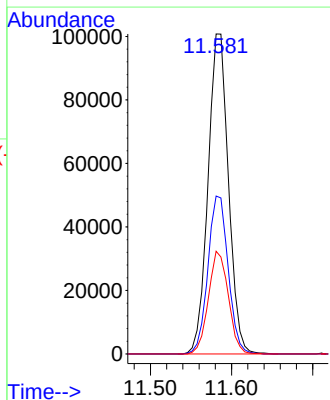
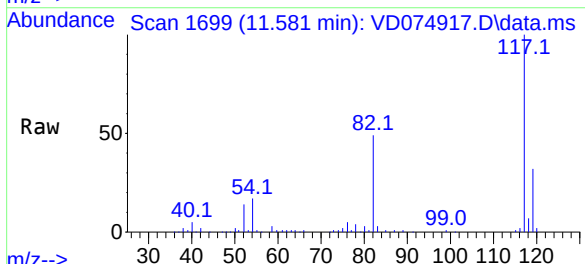
Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	197.0
176	90.4	0.0	182.6

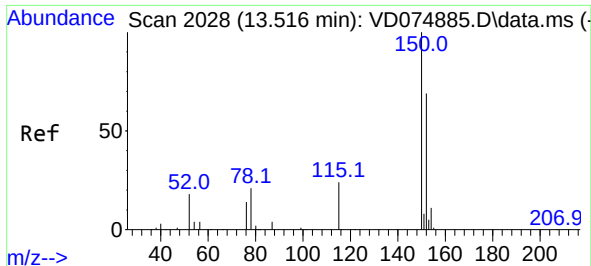


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion: 117 Resp: 176156

Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.6	62.4
119	32.1	25.2	37.8

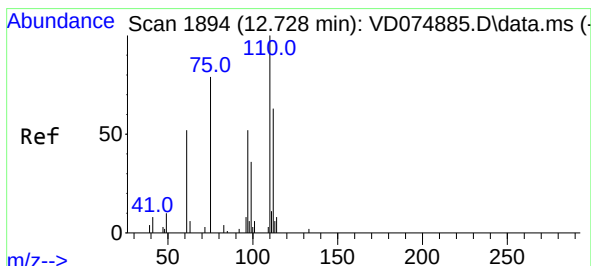
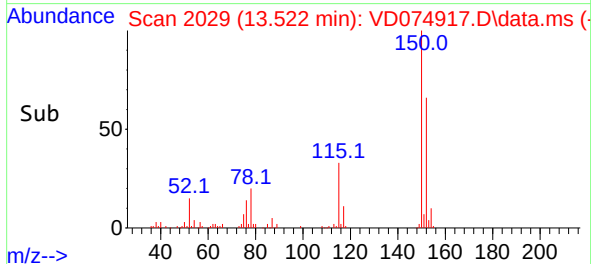
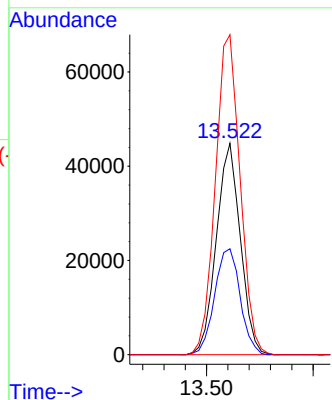
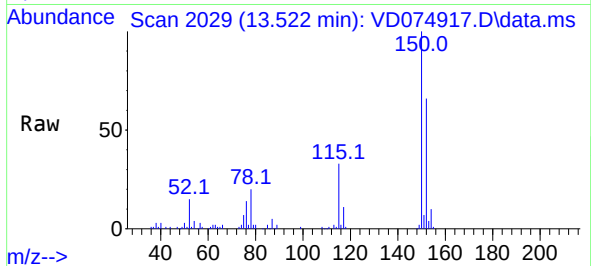




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

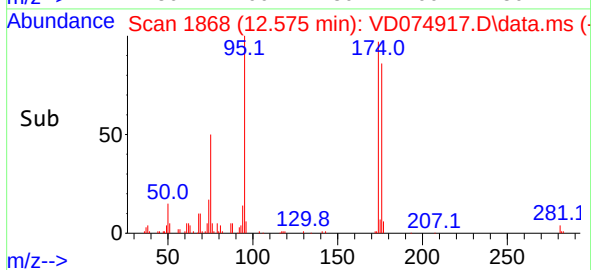
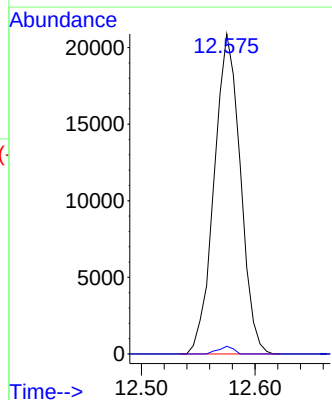
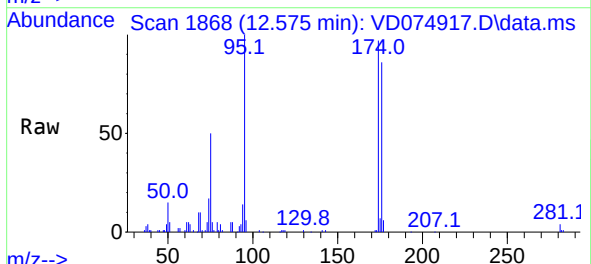
Instrument :
MSVOA_D
ClientSampleId :
TP-5

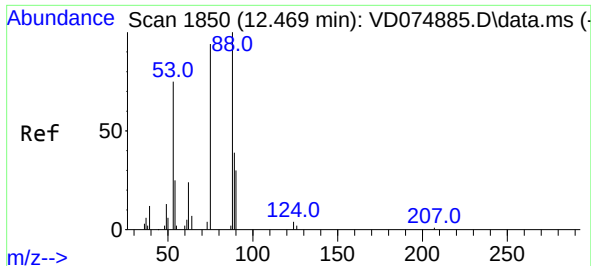
Tgt Ion:152 Resp: 70141
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 156.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 57.214 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

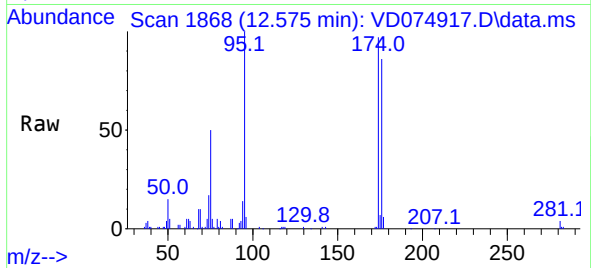
Tgt Ion: 75 Resp: 33565
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.747 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074917.D
 Acq: 12 Nov 2022 05:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5



Tgt Ion:	75	Resp:	33565
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

