

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076758.D
 Acq On : 17 Jul 2023 16:54
 Operator : KP/SY
 Sample : 03638-01
 Misc : 5.12G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Jul 18 01:24:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

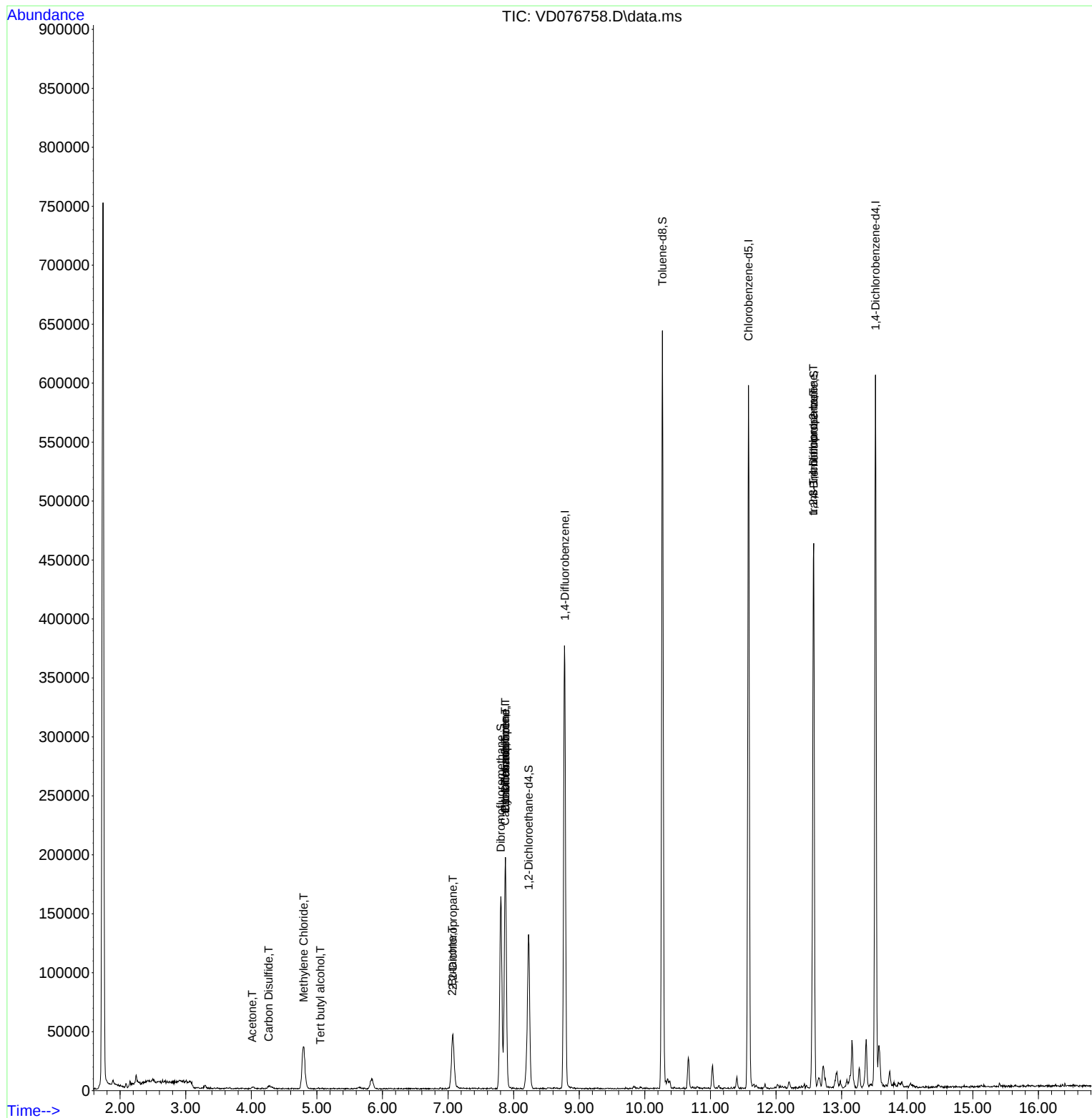
Internal Standards						
1) Pentafluorobenzene	7.875	168	149314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	352807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	346969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	156240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95866	64.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.920%	
35) Dibromofluoromethane	7.804	113	119328	53.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.640%	
50) Toluene-d8	10.269	98	441099	55.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.240%	
62) 4-Bromofluorobenzene	12.575	95	139996	54.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.051	59	394	3.550	ug/l	# 73
16) Acetone	4.016	43	2680	7.546	ug/l	# 79
17) Carbon Disulfide	4.263	76	4384	1.272	ug/l	# 87
20) Methylene Chloride	4.799	84	29912	4.841	ug/l	93
25) 2-Butanone	7.063	43	2268	4.771	ug/l	# 37
26) 2,2-Dichloropropane	7.075	77	3415	1.280	ug/l	# 49
31) Cyclohexane	7.875	56	3401	1.554	ug/l	# 48
36) 1,1-Dichloropropene	7.875	75	13051	4.505	ug/l	# 47
38) Carbon Tetrachloride	7.869	117	16217	5.846	ug/l	# 15
76) 1,2,3-Trichloropropane	12.569	75	72484	48.784	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	72484	103.824	ug/l	# 18

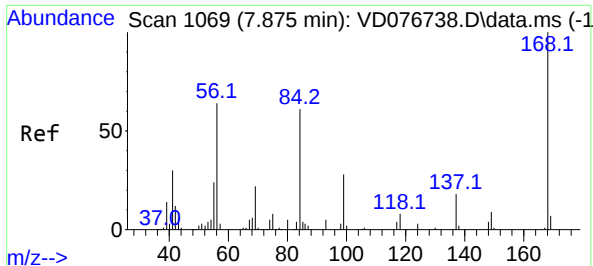
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP1

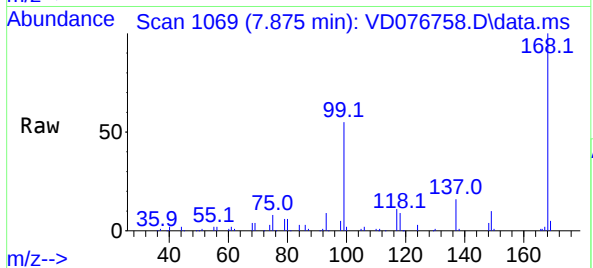
Quant Time: Jul 18 01:24:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



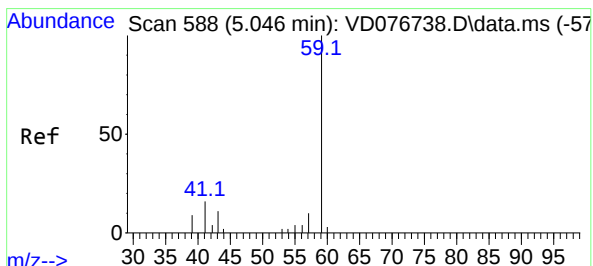
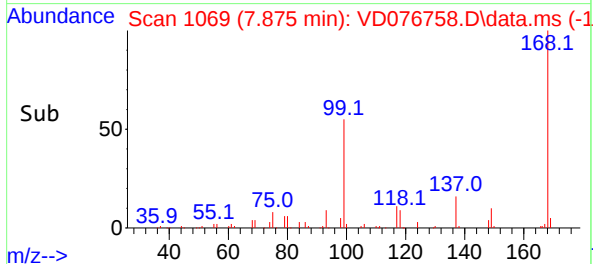
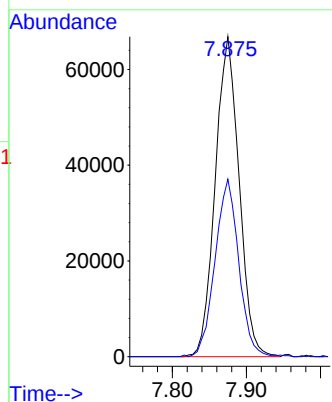


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
TP1

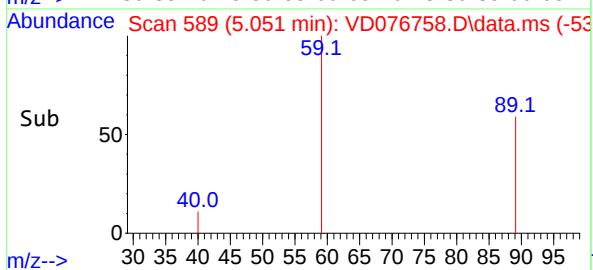
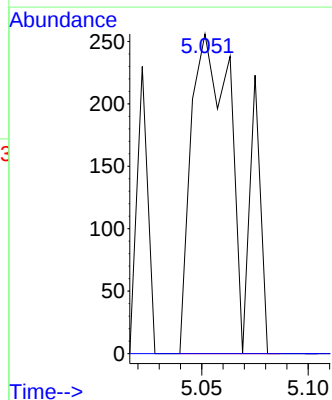
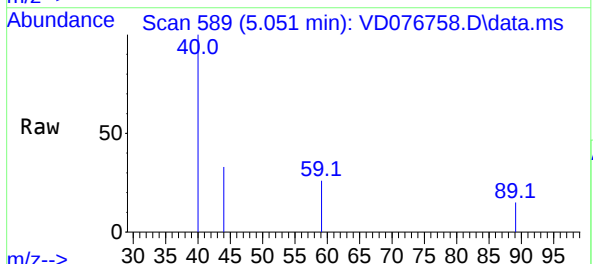


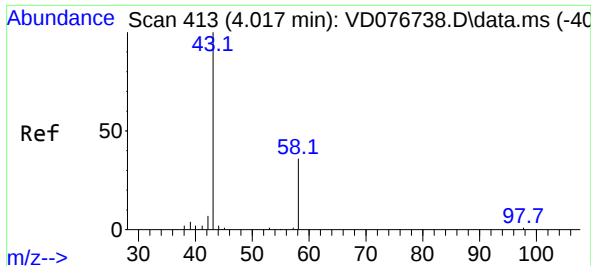
Tgt Ion:168 Resp: 149314
Ion Ratio Lower Upper
168 100
99 55.5 36.7 55.1#



#11
Tert butyl alcohol
Concen: 3.550 ug/l
RT: 5.051 min Scan# 589
Delta R.T. 0.005 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

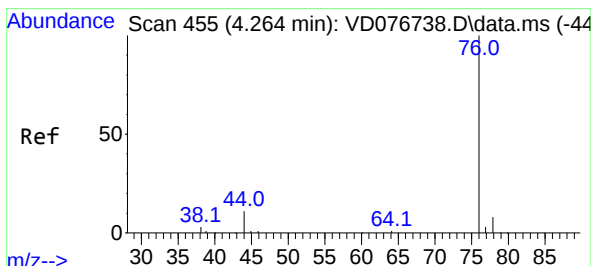
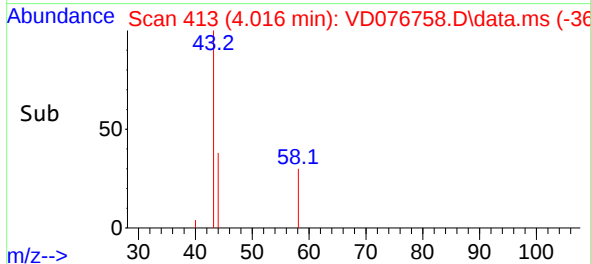
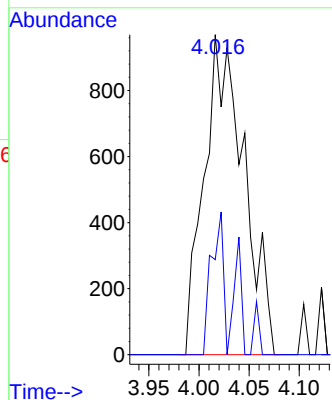
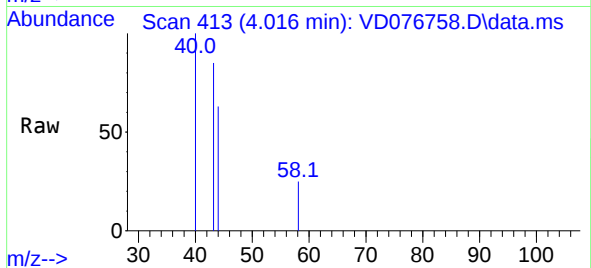




#16
Acetone
Concen: 7.546 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

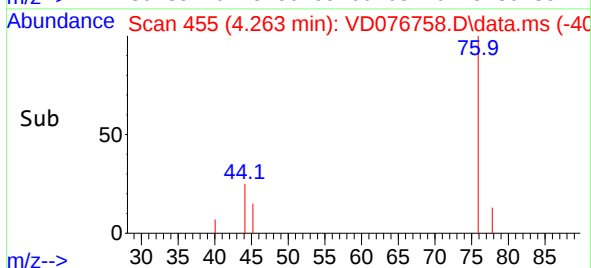
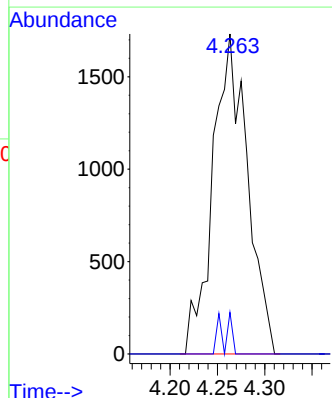
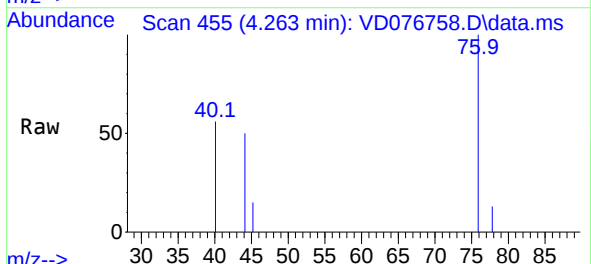
Instrument :
MSVOA_D
ClientSampleId :
TP1

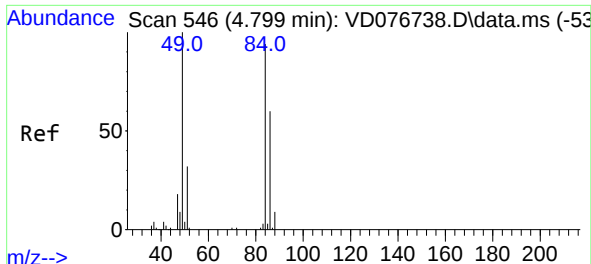
Tgt Ion: 43 Resp: 2680
Ion Ratio Lower Upper
43 100
58 29.7 34.7 52.1#



#17
Carbon Disulfide
Concen: 1.272 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.001 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

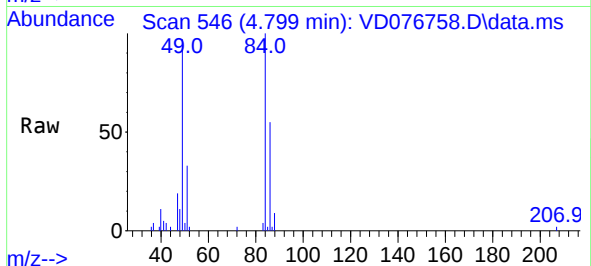
Tgt Ion: 76 Resp: 4384
Ion Ratio Lower Upper
76 100
78 13.0 6.8 10.2#





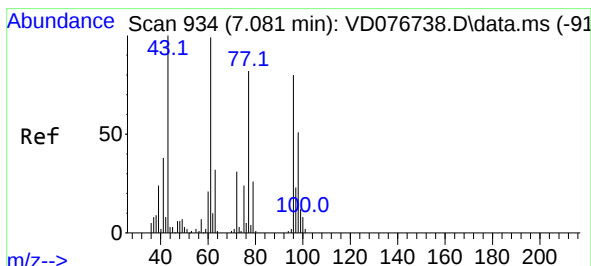
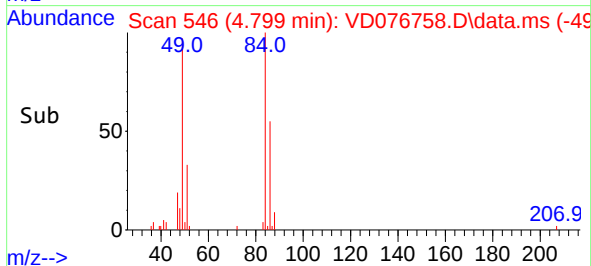
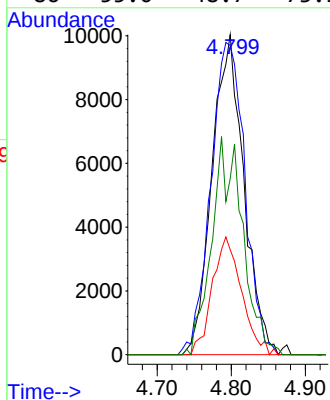
#20
Methylene Chloride
Concen: 4.841 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
TP1



Tgt Ion: 84 Resp: 29912

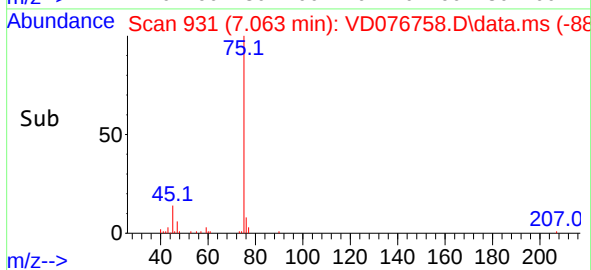
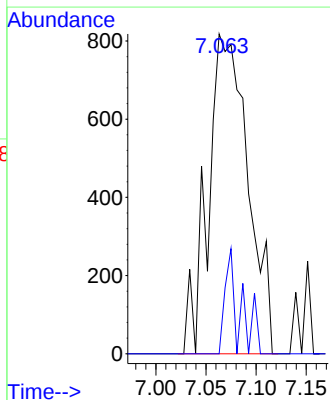
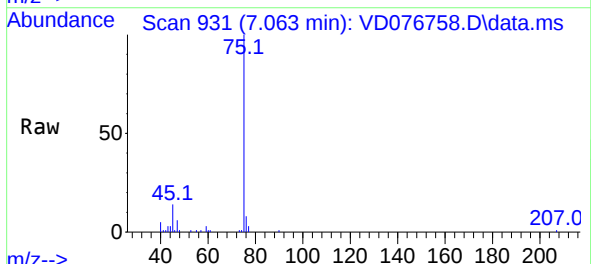
Ion	Ratio	Lower	Upper
84	100		
49	96.7	71.4	107.2
51	32.8	24.5	36.7
86	55.0	48.7	73.1

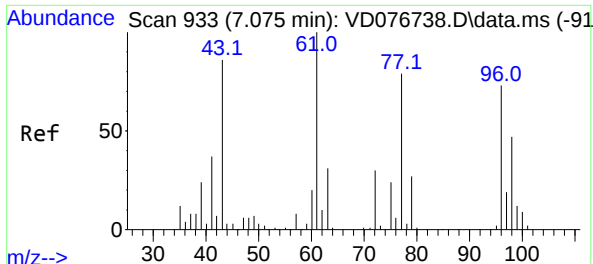


#25
2-Butanone
Concen: 4.771 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Tgt Ion: 43 Resp: 2268

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

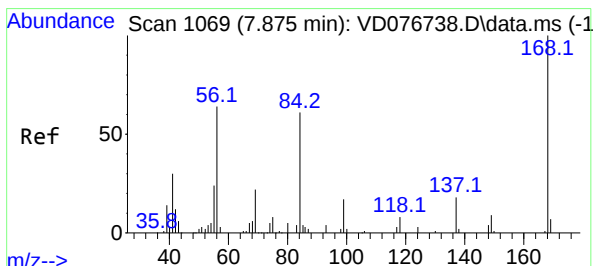
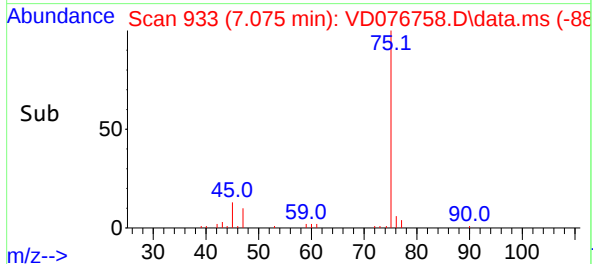
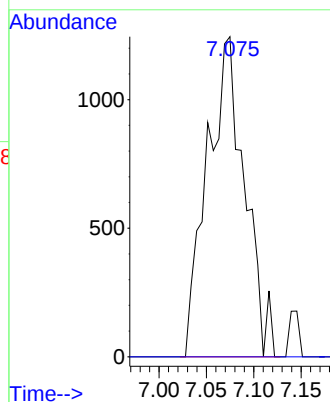
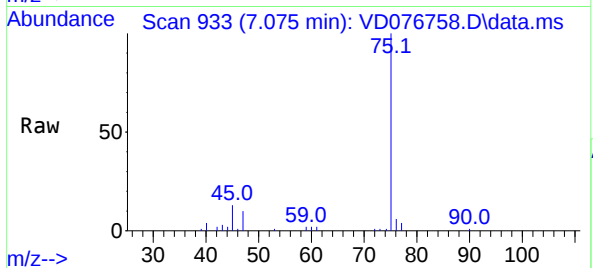




#26
2,2-Dichloropropane
Concen: 1.280 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

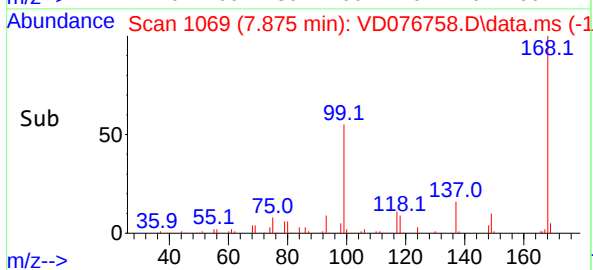
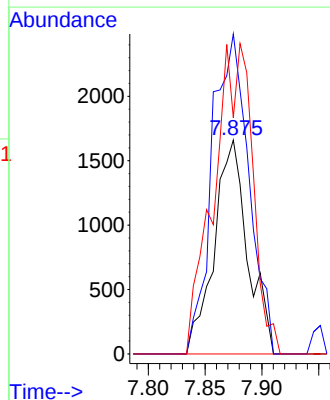
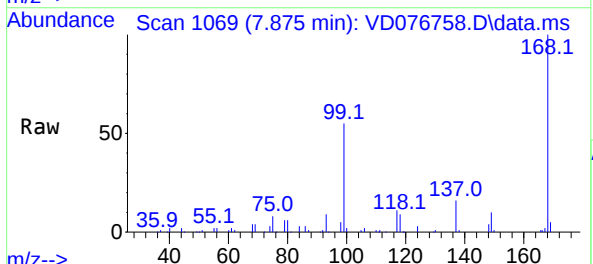
Instrument :
MSVOA_D
ClientSampleId :
TP1

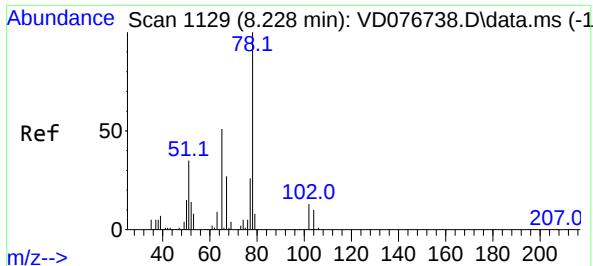
Tgt Ion: 77 Resp: 3415
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#31
Cyclohexane
Concen: 1.554 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Tgt Ion: 56 Resp: 3401
Ion Ratio Lower Upper
56 100
69 149.6 28.6 43.0#
84 110.5 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 64.460 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076758.D

Acq: 17 Jul 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

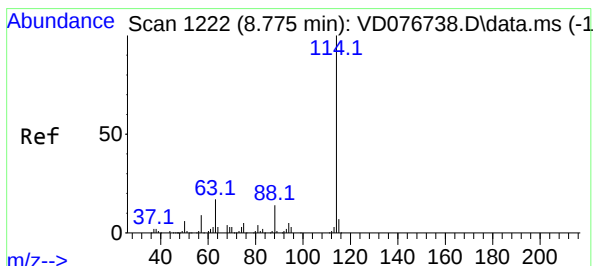
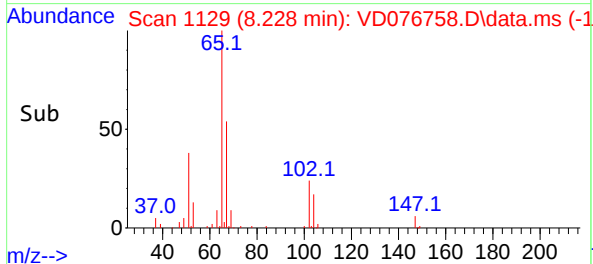
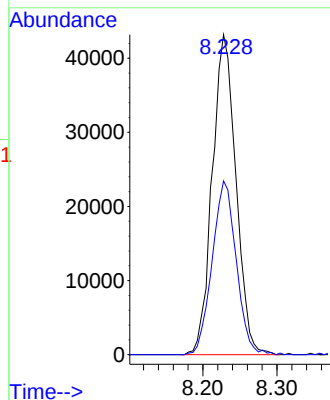
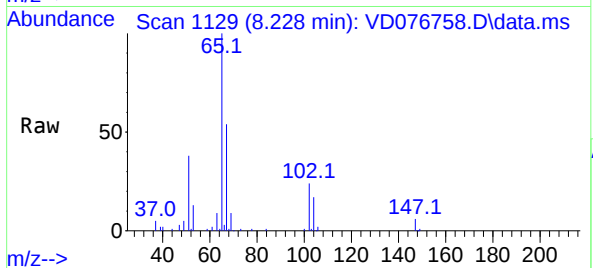
TP1

Tgt Ion: 65 Resp: 95866

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076758.D

Acq: 17 Jul 2023 16:54

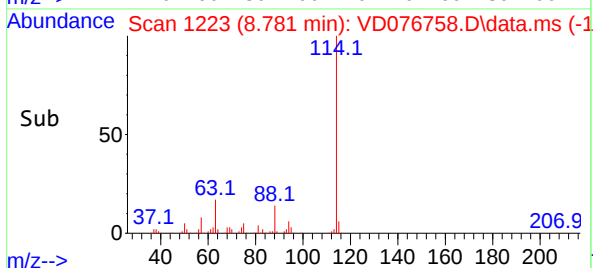
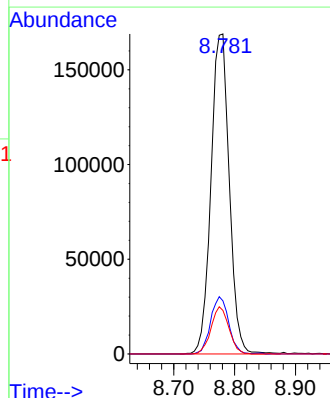
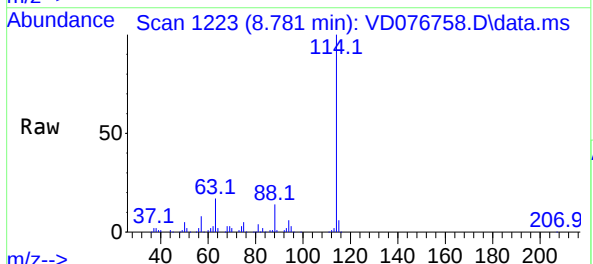
Tgt Ion: 114 Resp: 352807

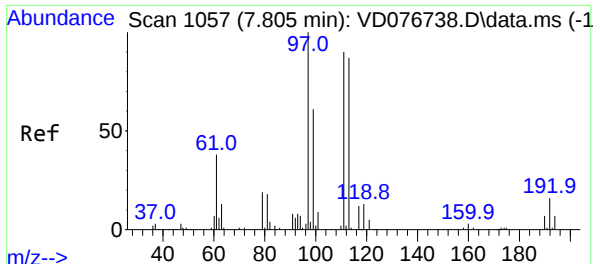
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.6 0.0 26.2

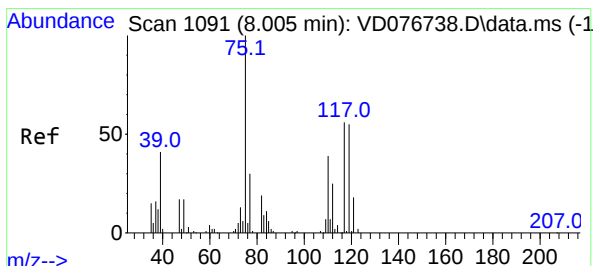
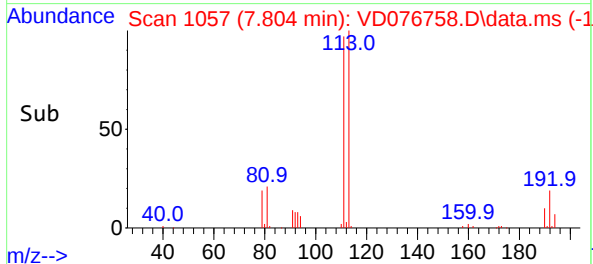
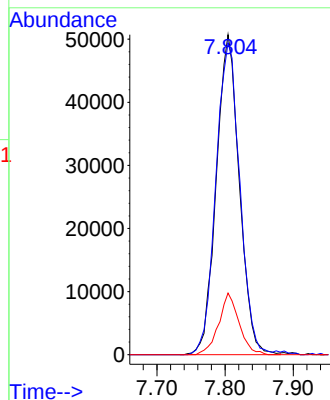
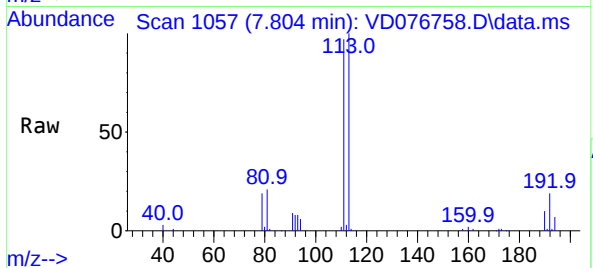




#35
Dibromofluoromethane
Concen: 53.822 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

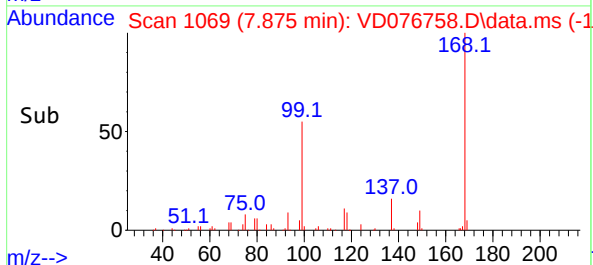
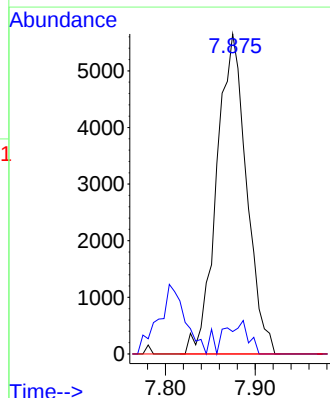
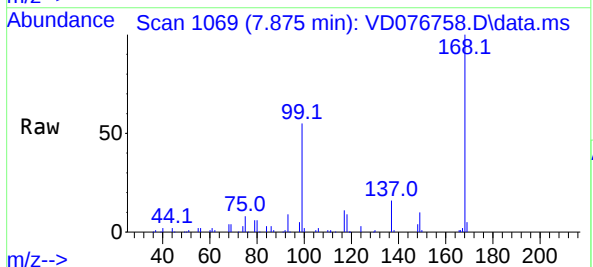
Instrument :
MSVOA_D
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TP1

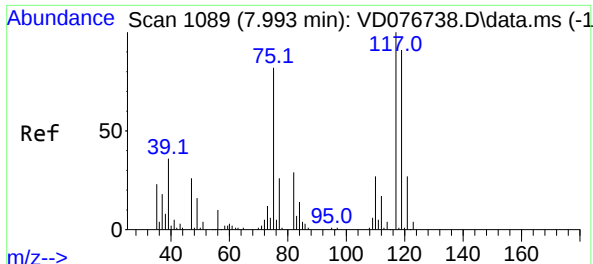
Tgt Ion:113 Resp: 119328
Ion Ratio Lower Upper
113 100
111 101.2 84.7 127.1
192 17.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.505 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

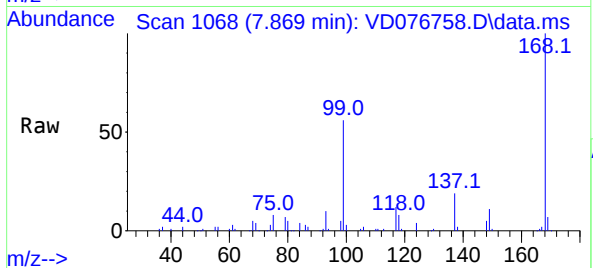
Tgt Ion: 75 Resp: 13051
Ion Ratio Lower Upper
75 100
110 8.8 19.9 59.6#
77 0.0 24.7 37.1#



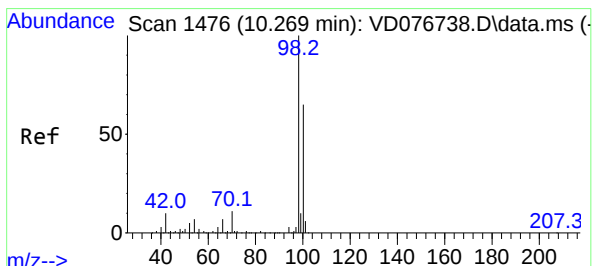
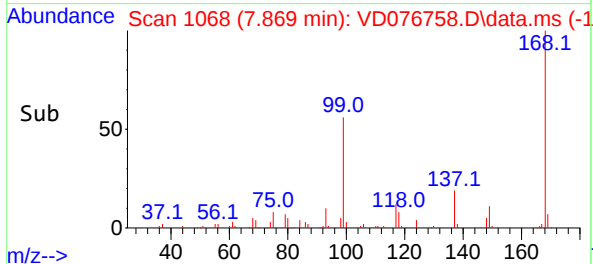
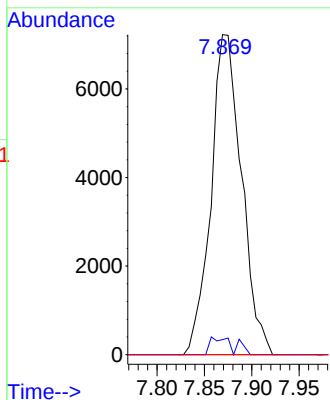


#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :
TP1

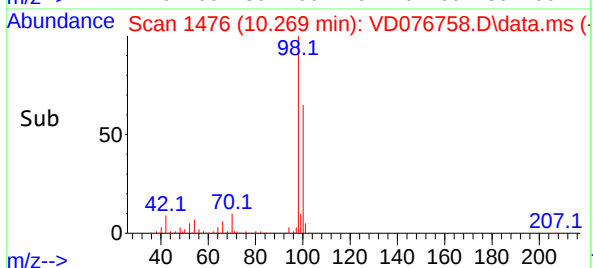
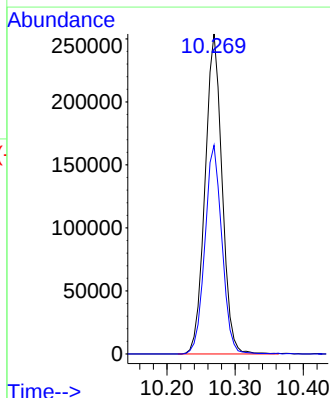
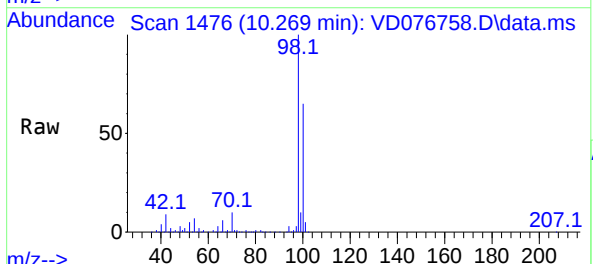


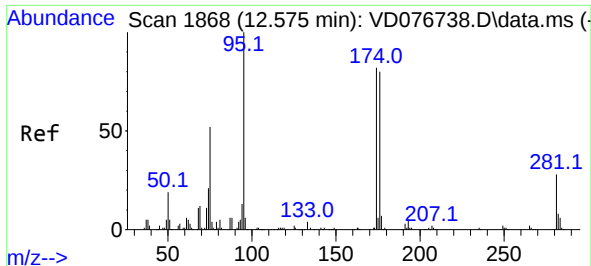
Tgt Ion:117 Resp: 16217
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.615 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Tgt Ion: 98 Resp: 441099
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

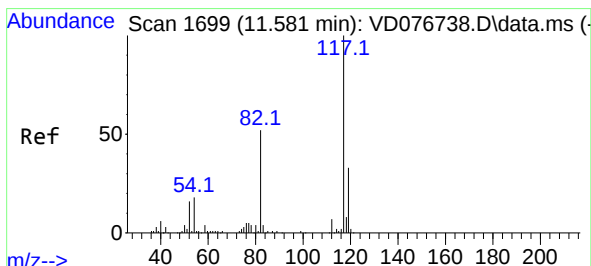
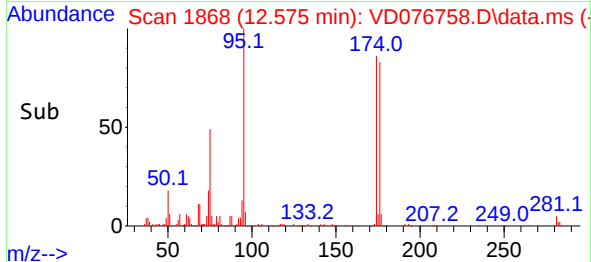
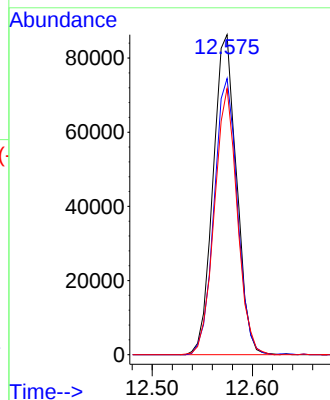
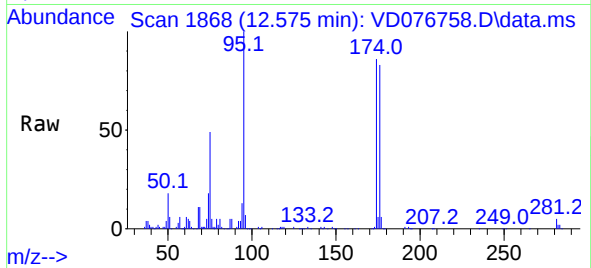




#62
4-Bromofluorobenzene
Concen: 54.563 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

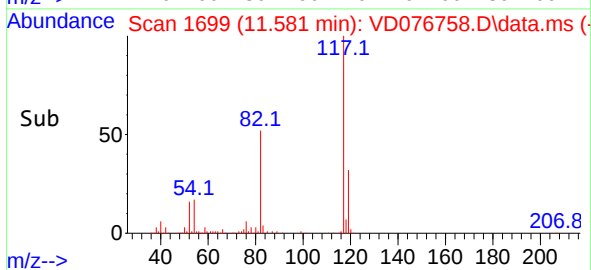
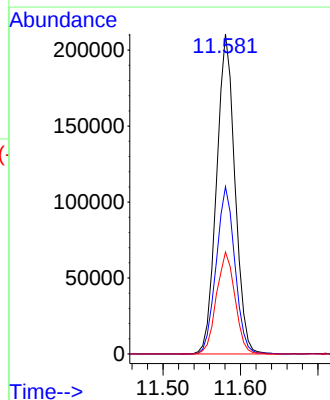
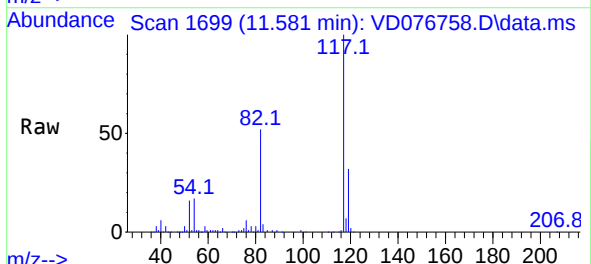
Instrument :
MSVOA_D
ClientSampleId :
TP1

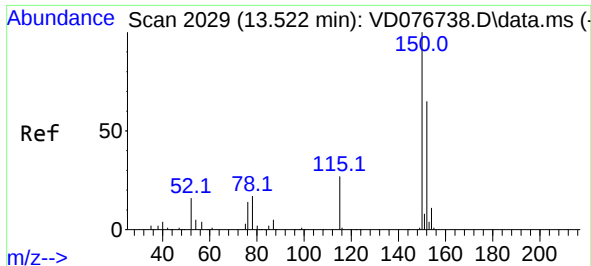
Tgt Ion: 95 Resp: 139996
Ion Ratio Lower Upper
95 100
174 85.3 0.0 201.8
176 80.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

Tgt Ion: 117 Resp: 346969
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 31.9 25.0 37.4

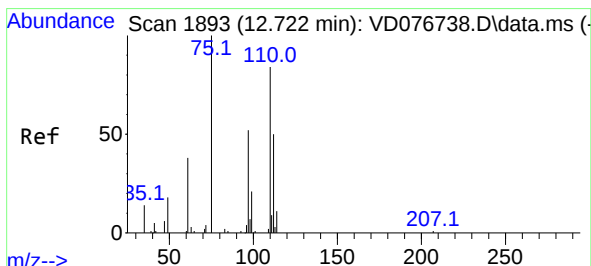
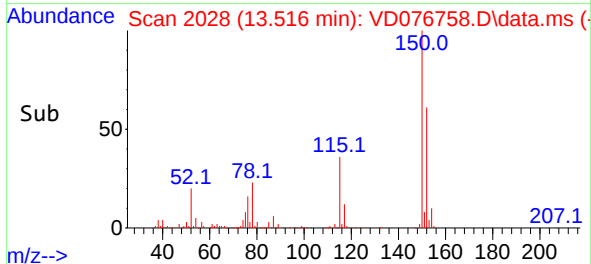
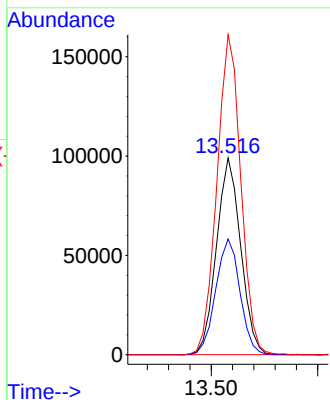
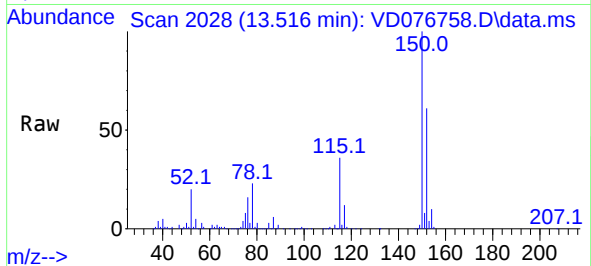




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

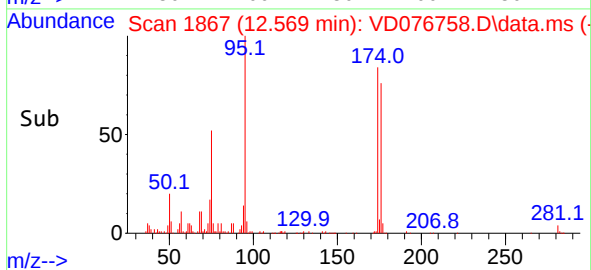
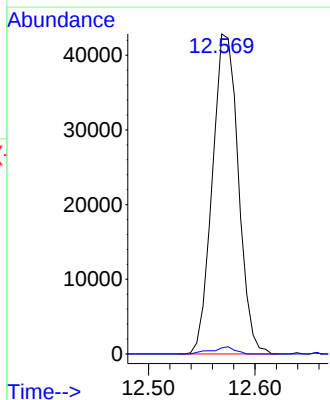
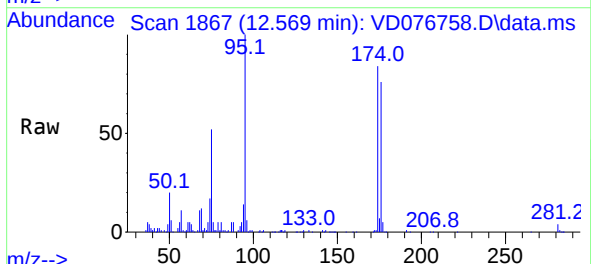
Instrument :
MSVOA_D
ClientSampleId :
TP1

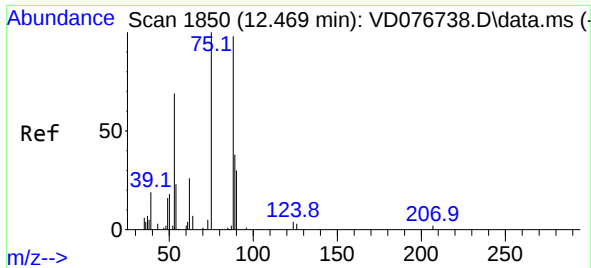
Tgt Ion:152 Resp: 156240
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 160.8 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 48.784 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076758.D
Acq: 17 Jul 2023 16:54

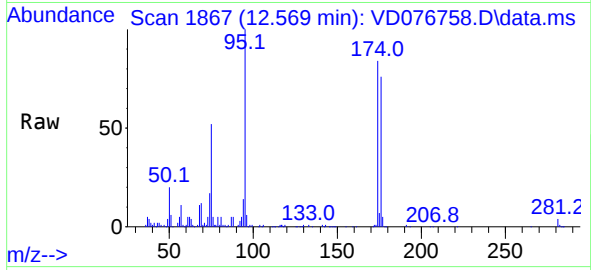
Tgt Ion: 75 Resp: 72484
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.824 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076758.D
 Acq: 17 Jul 2023 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1



Tgt Ion:	75	Resp:	72484
Ion	Ratio	Lower	Upper
75	100		
53	1.4	63.0	94.4#
89	0.1	37.9	56.9#

