

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076201.D
 Acq On : 23 May 2023 19:00
 Operator : KP/SY
 Sample : 02873-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-051923

Quant Time: May 24 06:42:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

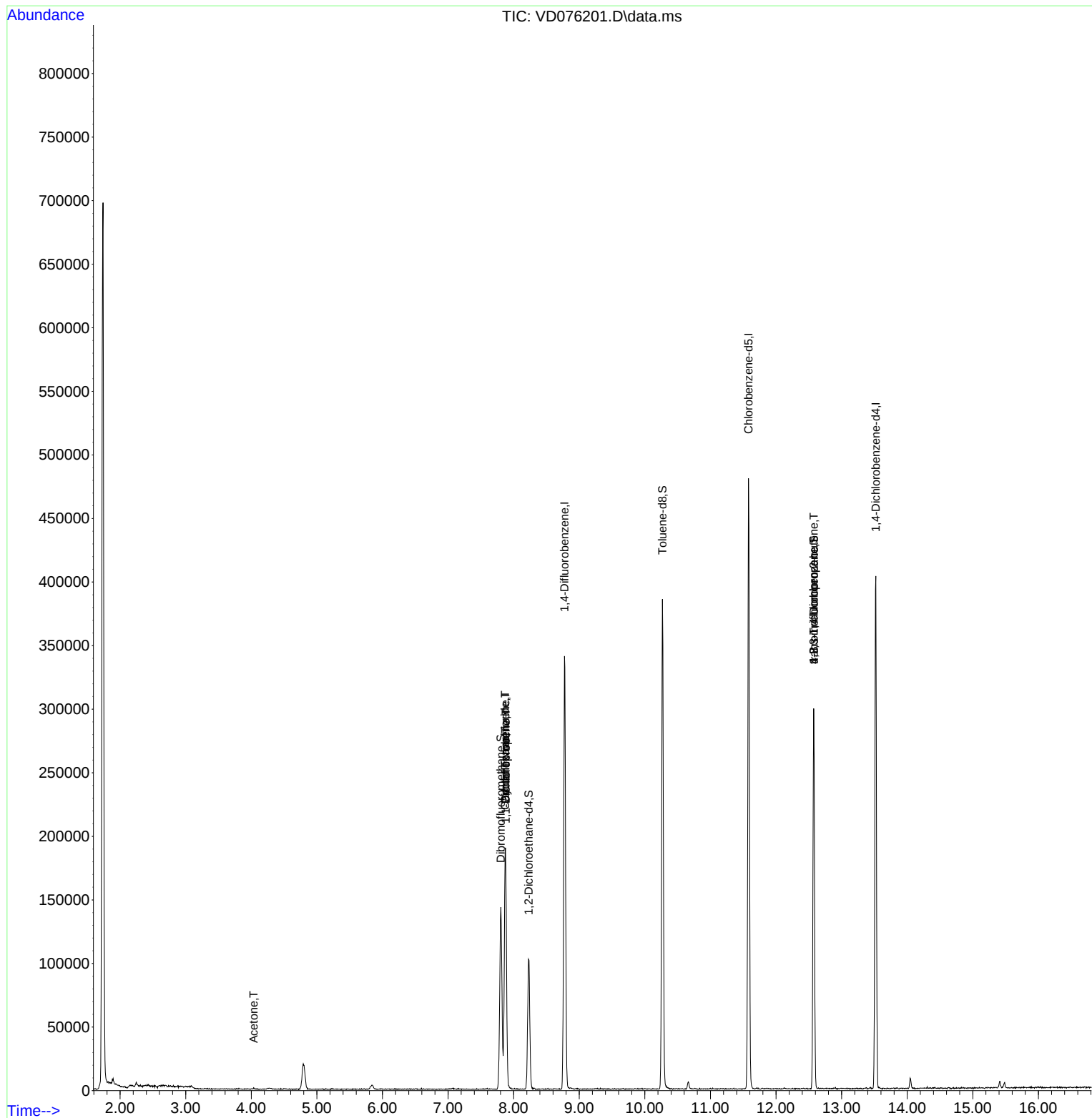
Internal Standards						
1) Pentafluorobenzene	7.875	168	157808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	320868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	114863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81442	53.398	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.800%			
35) Dibromofluoromethane	7.804	113	104509	47.121	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.240%			
50) Toluene-d8	10.269	98	282354	32.657	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 65.320%			
62) 4-Bromofluorobenzene	12.575	95	91765	38.208	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.420%			
Target Compounds						
3) Chloromethane	2.146	50	452	Below Cal	#	82
16) Acetone	4.034	43	791	2.607	ug/l #	22
17) Carbon Disulfide	4.269	76	1538	Below Cal	#	73
20) Methylene Chloride	4.793	84	18091	Below Cal	#	66
31) Cyclohexane	7.875	56	3405	1.458	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	12498	4.172	ug/l #	50
38) Carbon Tetrachloride	7.869	117	14036	5.188	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	45886	45.651	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	45886	95.768	ug/l #	5

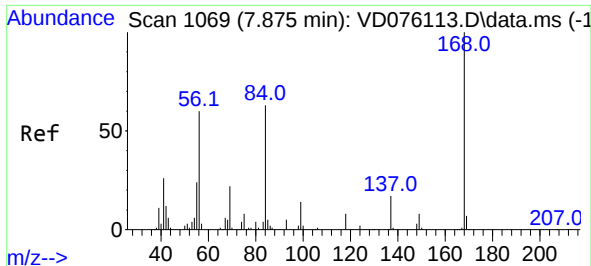
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
Data File : VD076201.D
Acq On : 23 May 2023 19:00
Operator : KP/SY
Sample : 02873-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

Quant Time: May 24 06:42:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

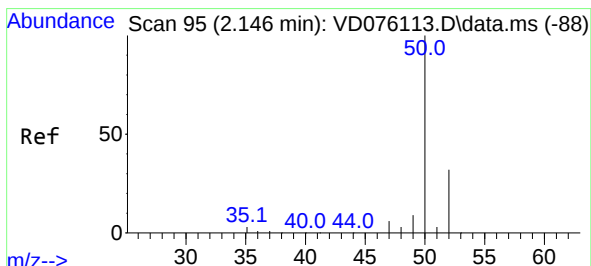
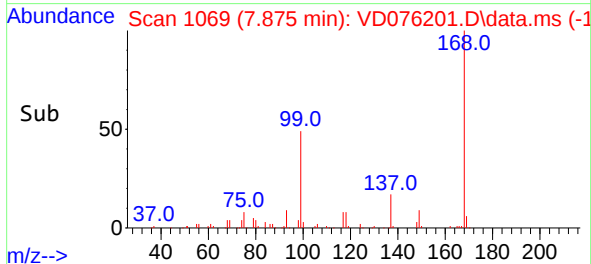
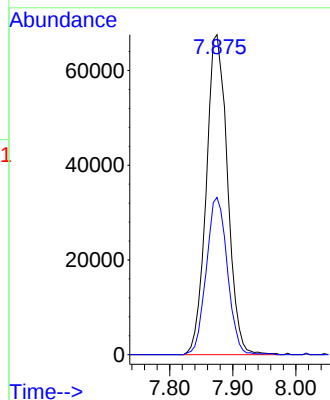
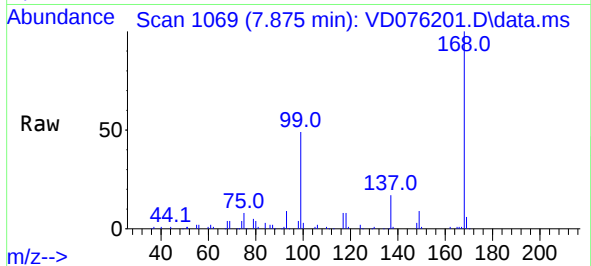




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

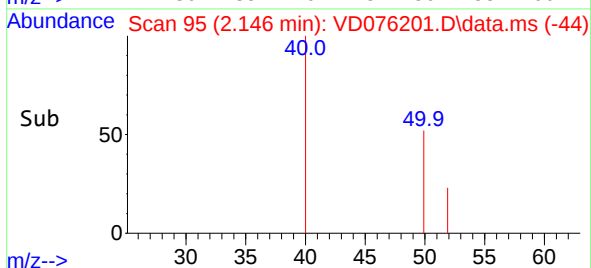
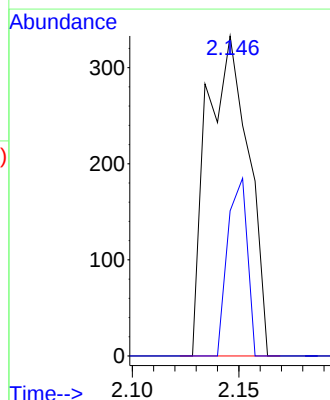
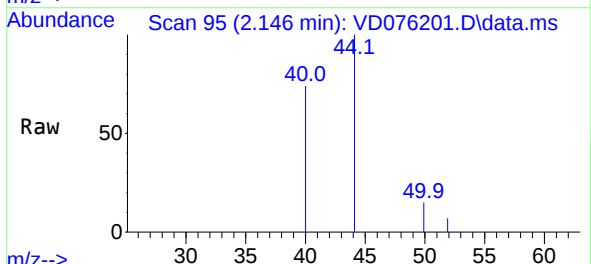
Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

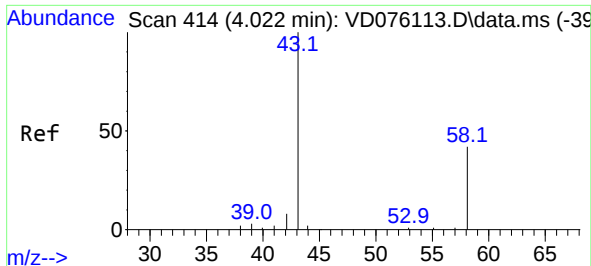
Tgt Ion:168 Resp: 157808
Ion Ratio Lower Upper
168 100
99 49.1 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 45.3 27.8 41.8#

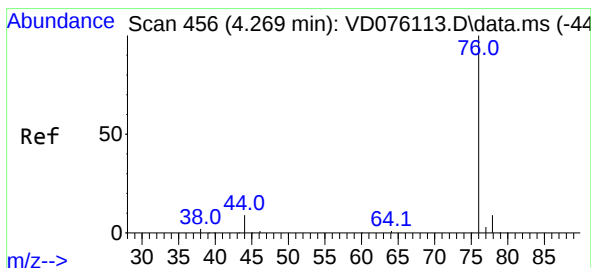
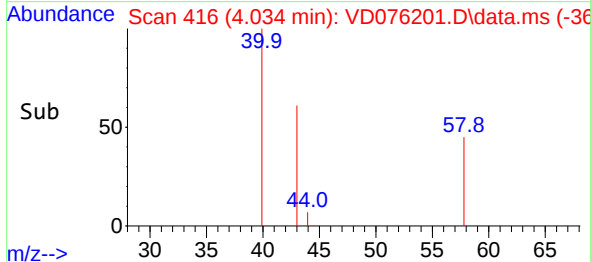
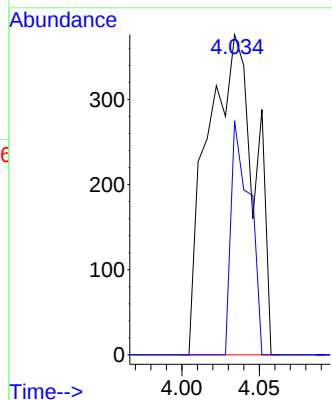
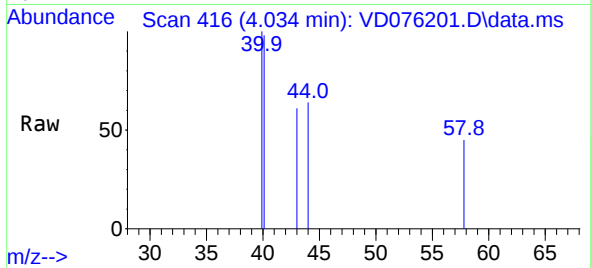




#16
Acetone
Concen: 2.607 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

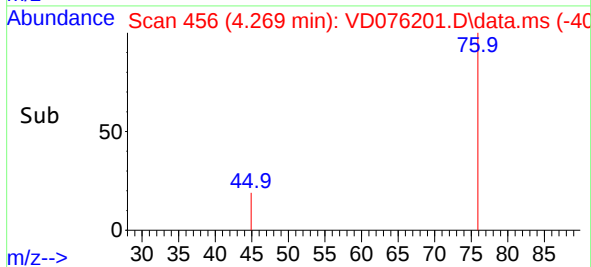
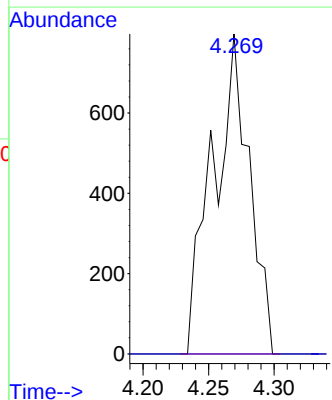
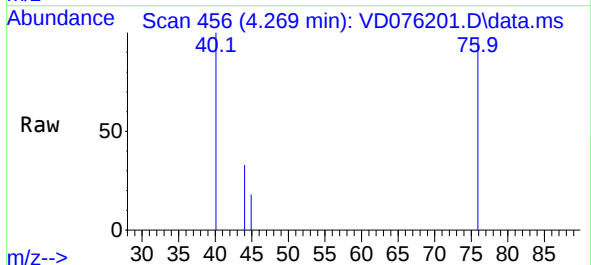
Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

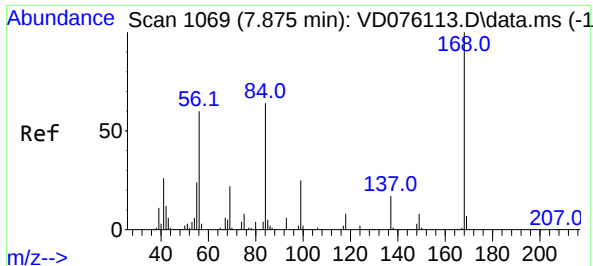
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 73.1 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion: 76 Resp: 1538
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

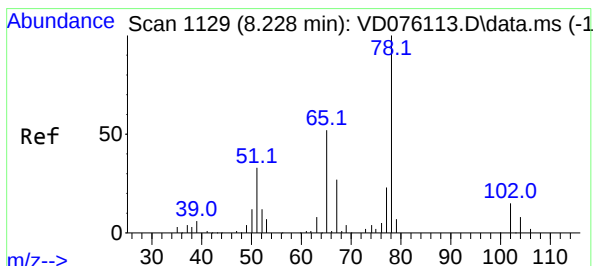
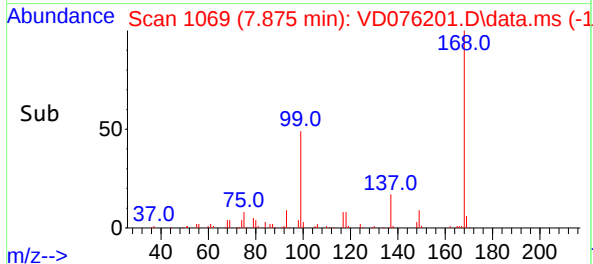
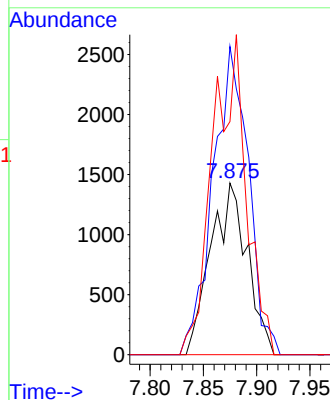
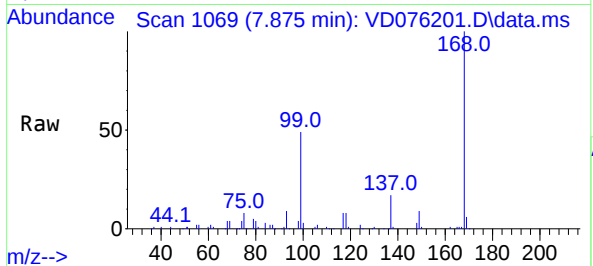




#31
Cyclohexane
Concen: 1.458 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

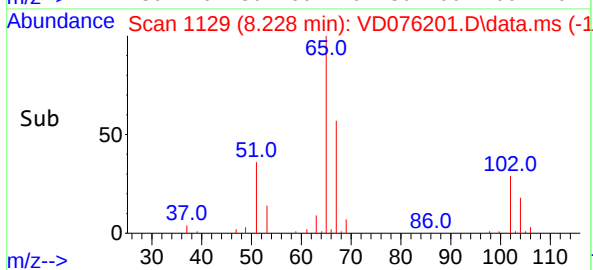
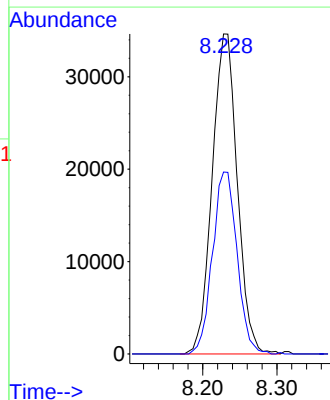
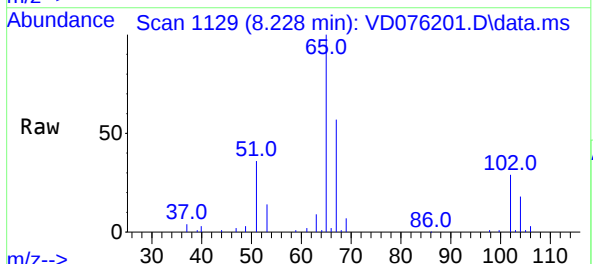
Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

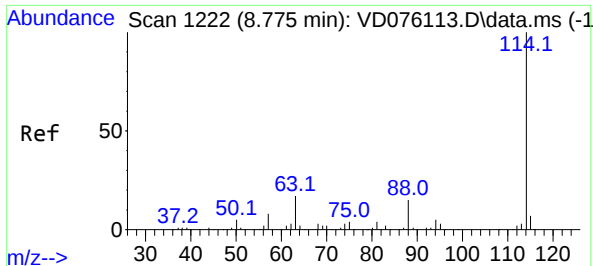
Tgt Ion: 56 Resp: 3405
Ion Ratio Lower Upper
56 100
69 179.7 25.5 38.3#
84 135.9 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 53.398 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion: 65 Resp: 81442
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2

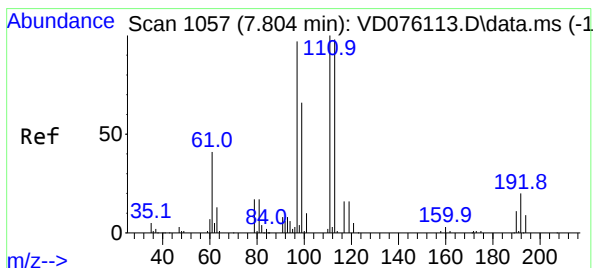
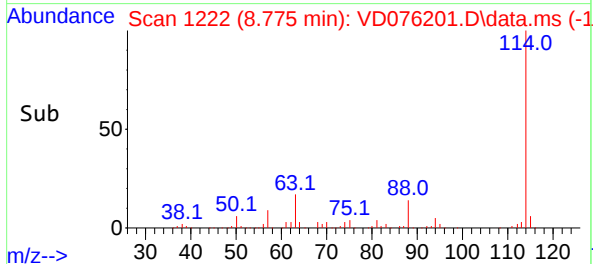
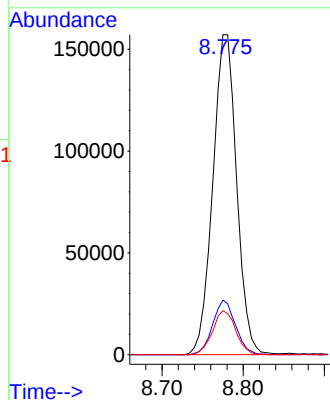
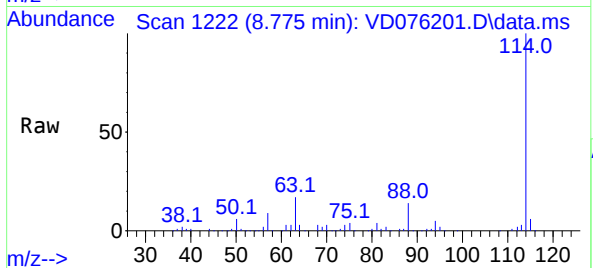




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

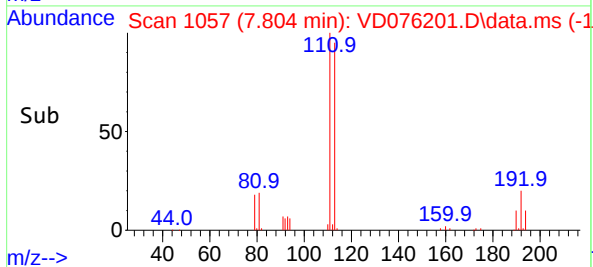
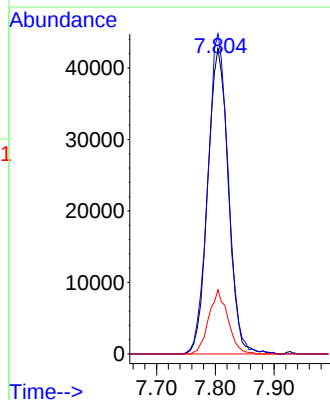
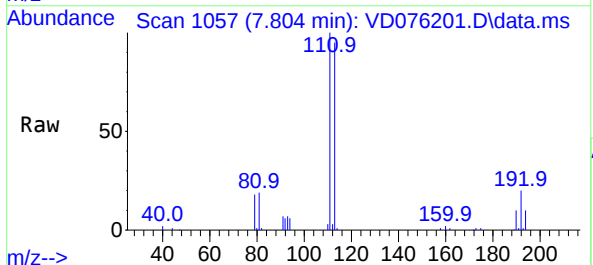
Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

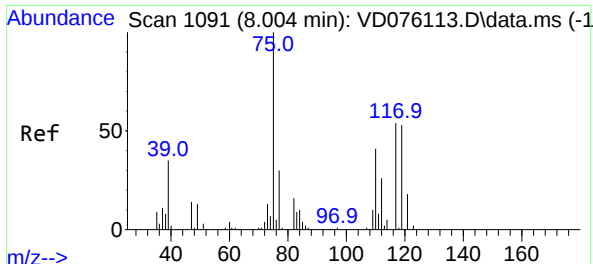
Tgt Ion:114	Resp: 320868
Ion Ratio	Lower Upper
114 100	
63 17.1	0.0 41.6
88 13.7	0.0 30.6



#35
Dibromofluoromethane
Concen: 47.121 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion:113	Resp:	104509	
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	19.4	15.2	22.8

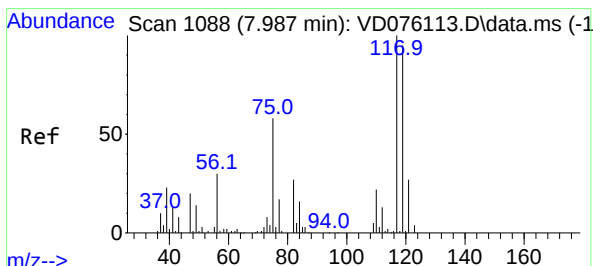
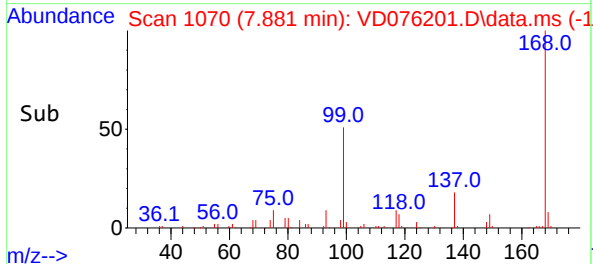
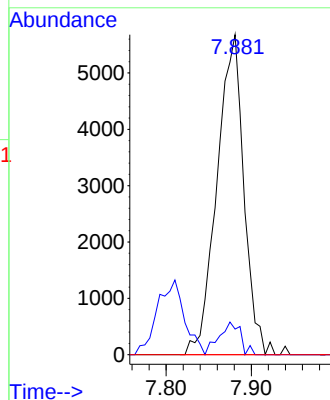
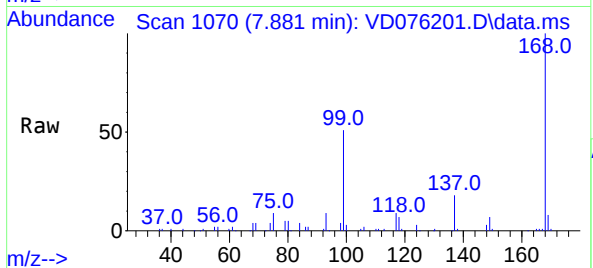




#36
1,1-Dichloropropene
Concen: 4.172 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.129 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

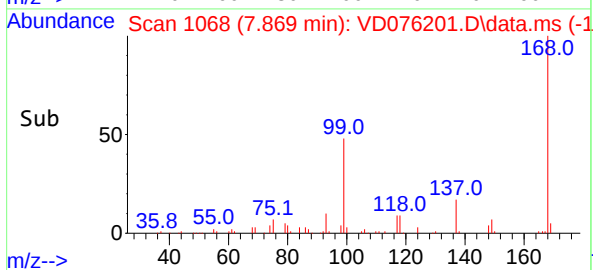
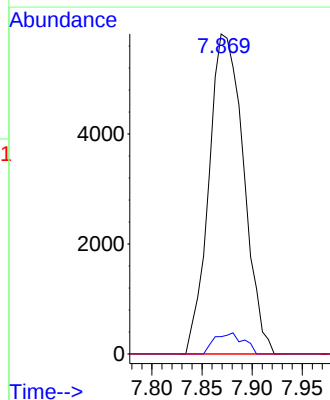
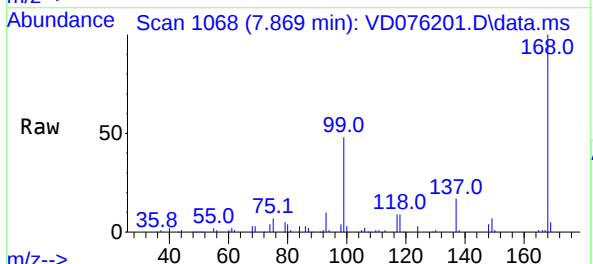
Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

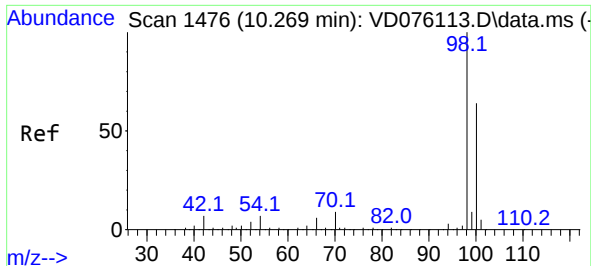
Tgt Ion: 75 Resp: 12498
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion: 117 Resp: 14036
Ion Ratio Lower Upper
117 100
119 5.4 74.7 112.1#
121 0.0 25.9 38.9#

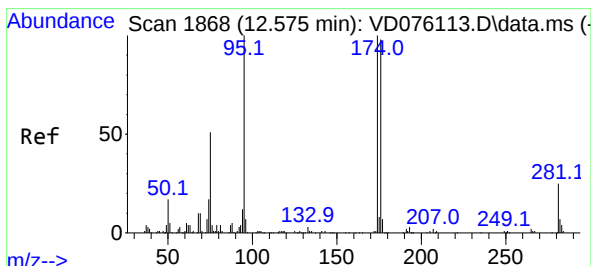
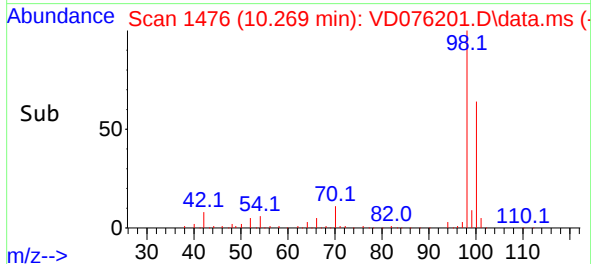
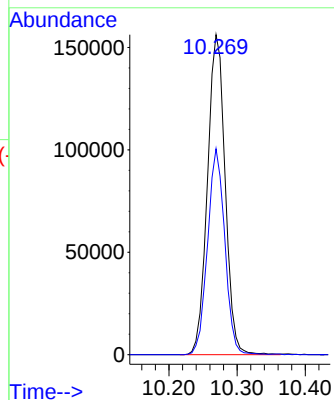
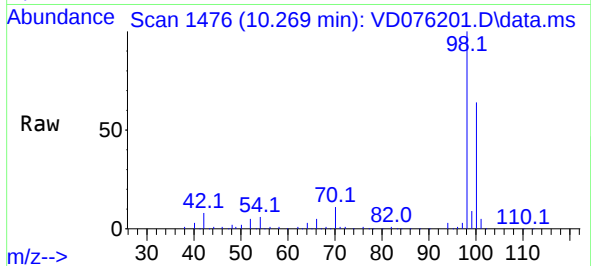




#50
Toluene-d8
Concen: 32.657 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

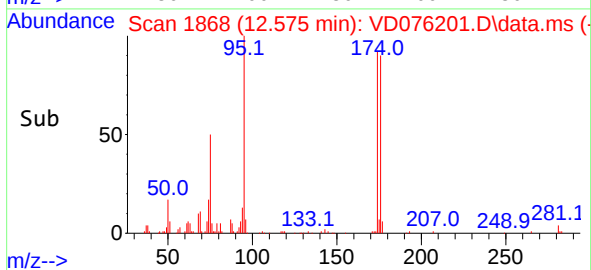
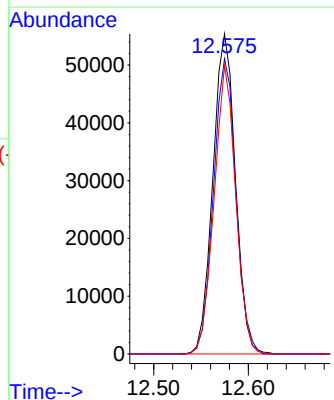
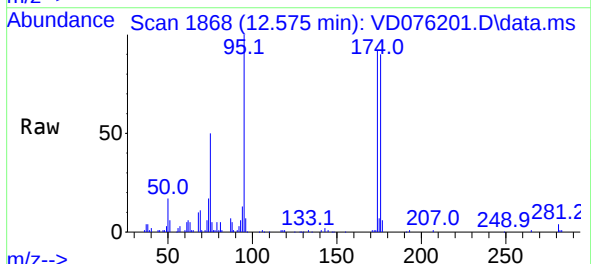
Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

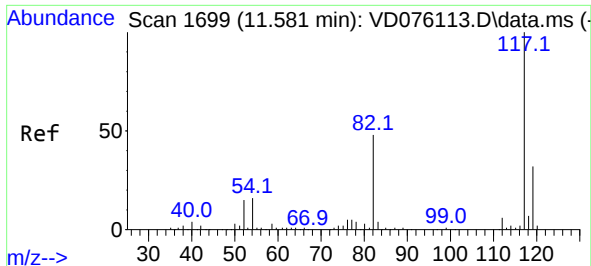
Tgt Ion: 98 Resp: 282354
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.208 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion: 95 Resp: 91765
Ion Ratio Lower Upper
95 100
174 91.8 0.0 164.0
176 86.3 0.0 156.8

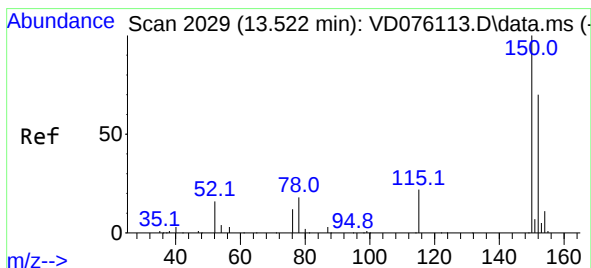
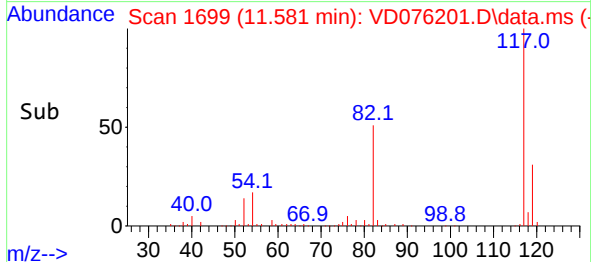
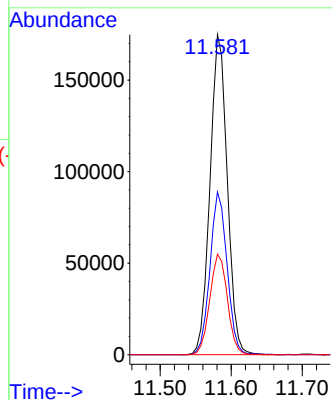
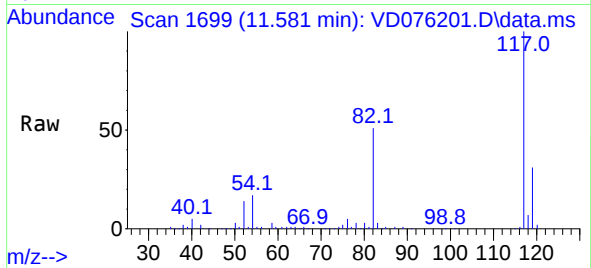




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

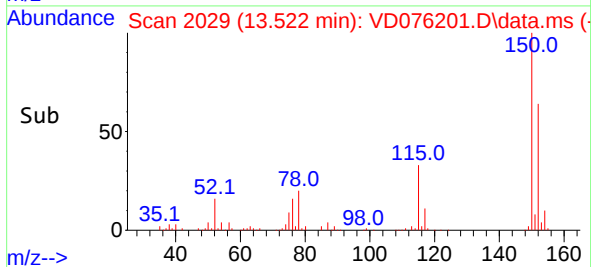
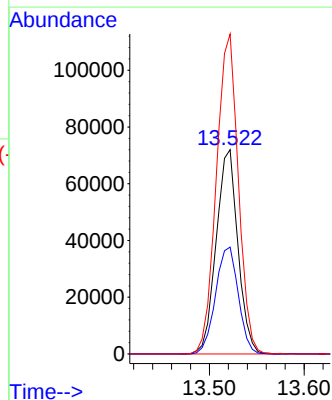
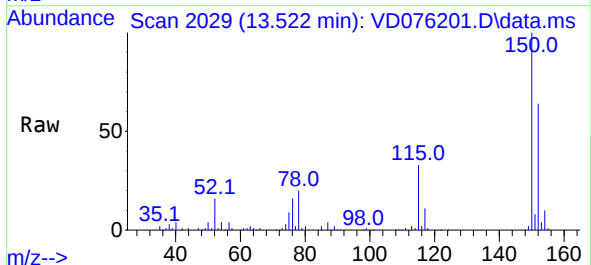
Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

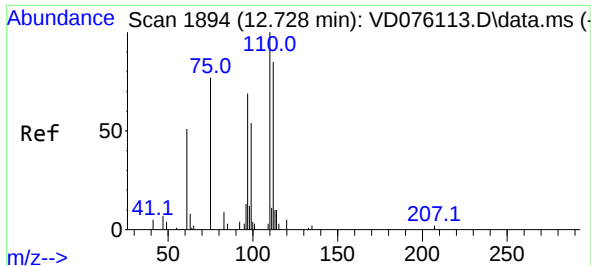
Tgt Ion:117 Resp: 295403
Ion Ratio Lower Upper
117 100
82 50.8 44.0 66.0
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion:152 Resp: 114863
Ion Ratio Lower Upper
152 100
115 54.7 30.1 90.3
150 158.0 0.0 364.8

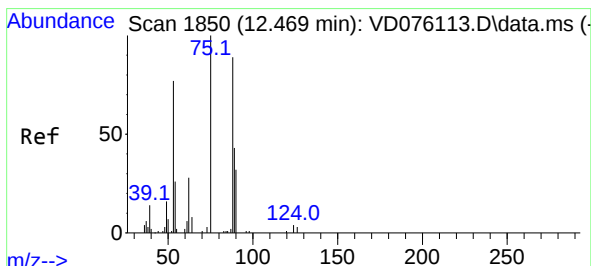
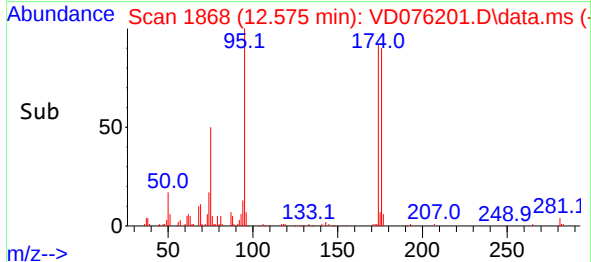
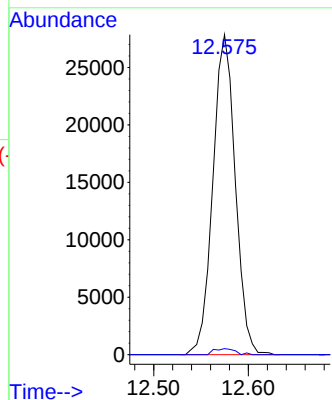
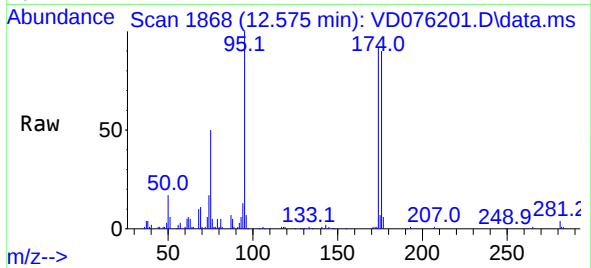




#76
1,2,3-Trichloropropane
Concen: 45.651 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Instrument :
MSVOA_D
ClientSampleId :
PL-01-051923

Tgt Ion: 75 Resp: 45886
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.768 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076201.D
Acq: 23 May 2023 19:00

Tgt Ion: 75 Resp: 45886
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 40.2 60.4#

