

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076176.D
 Acq On : 22 May 2023 15:22
 Operator : KP/SY
 Sample : 02545-01RE
 Misc : 4.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: May 23 01:25:12 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)

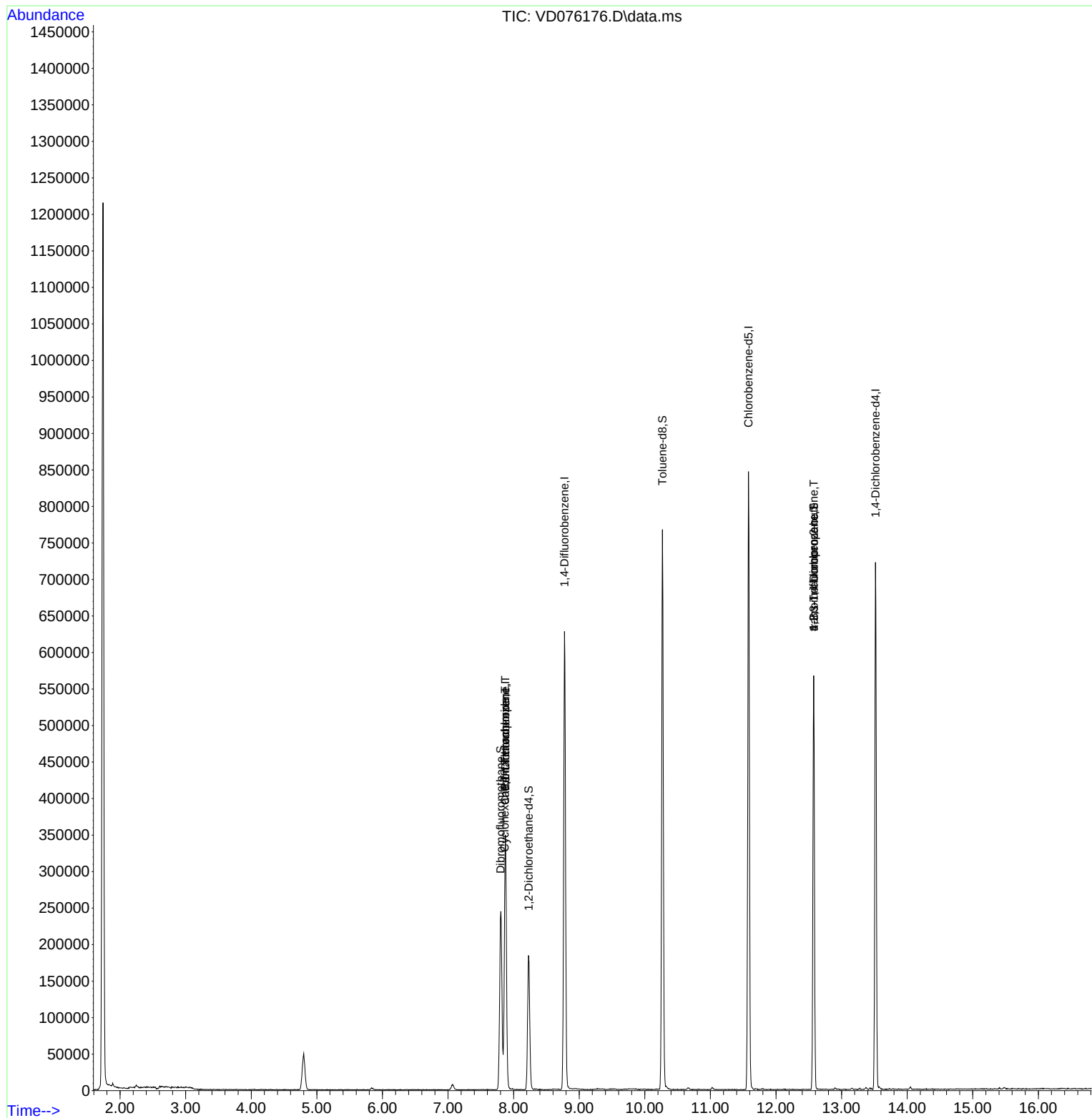
Internal Standards						
1) Pentafluorobenzene	7.875	168	281306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	574991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	519194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	199049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	142766	52.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.020%	
35) Dibromofluoromethane	7.799	113	185412	46.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.300%	
50) Toluene-d8	10.269	98	546689	35.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 70.580%	
62) 4-Bromofluorobenzene	12.575	95	176556	41.023	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	512	Below Cal	#	71
17) Carbon Disulfide	4.269	76	180	Below Cal	#	73
31) Cyclohexane	7.863	56	5478	1.316	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	22251	4.145	ug/l #	50
38) Carbon Tetrachloride	7.869	117	24893	5.134	ug/l #	22
76) 1,2,3-Trichloropropane	12.575	75	89770	51.537	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	89770	108.117	ug/l #	5

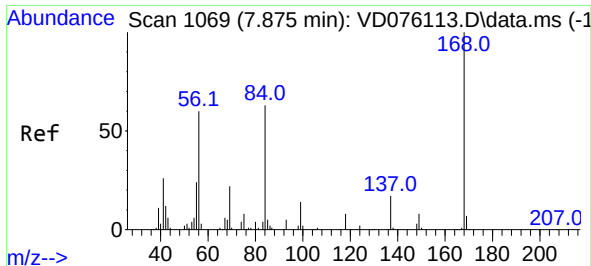
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

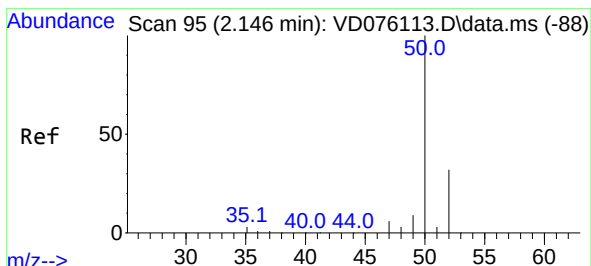
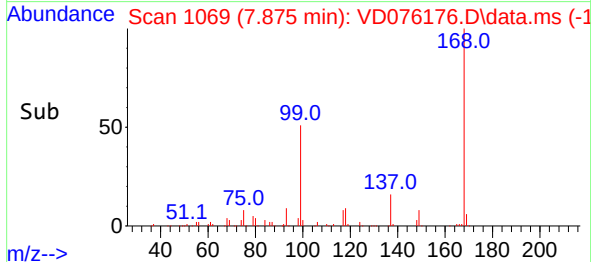
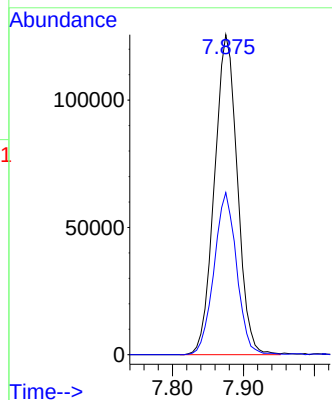
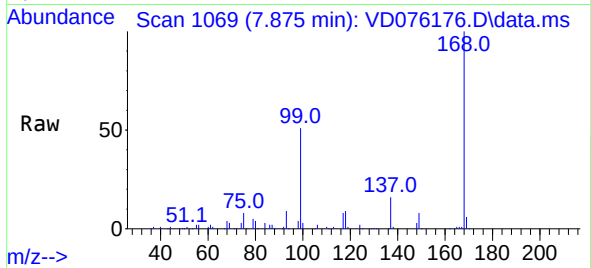




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

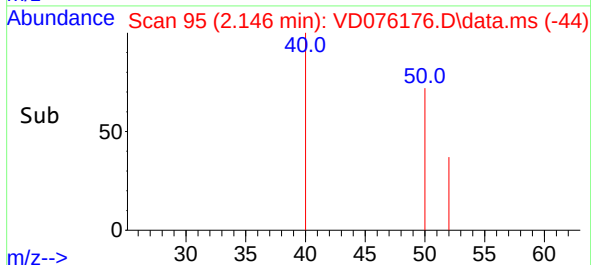
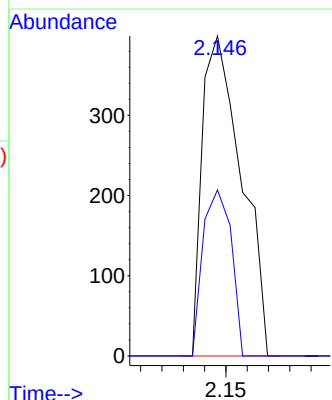
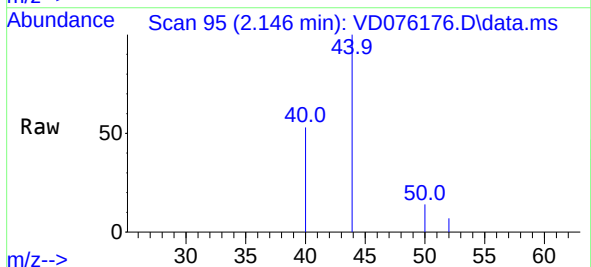
Instrument :
MSVOA_D
ClientSampleId :
TP1

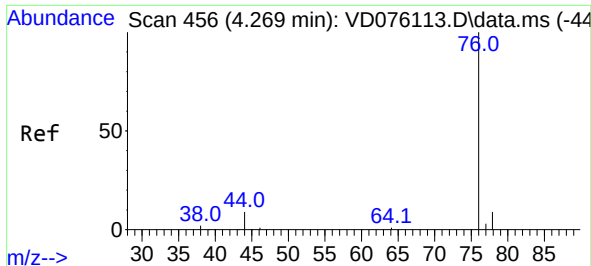
Tgt Ion:168 Resp: 281306
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Tgt Ion: 50 Resp: 512
Ion Ratio Lower Upper
50 100
52 51.9 27.8 41.8#

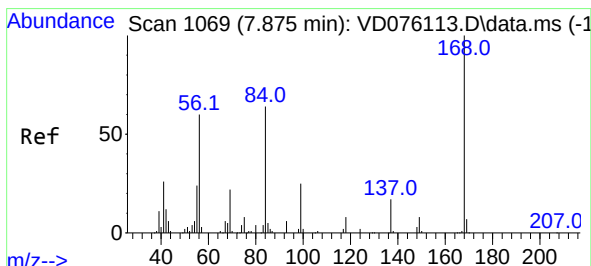
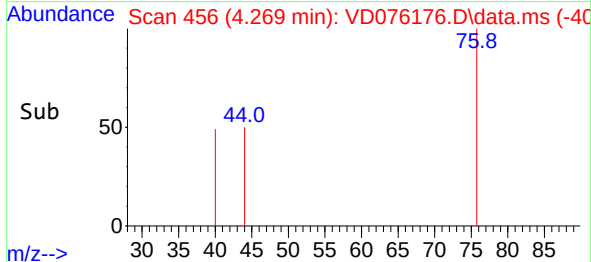
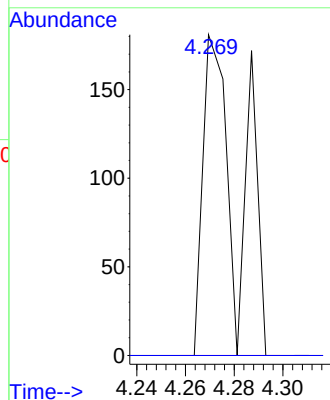
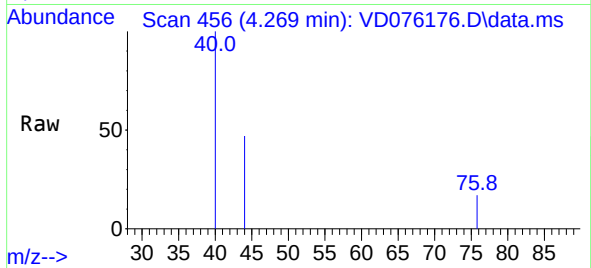




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

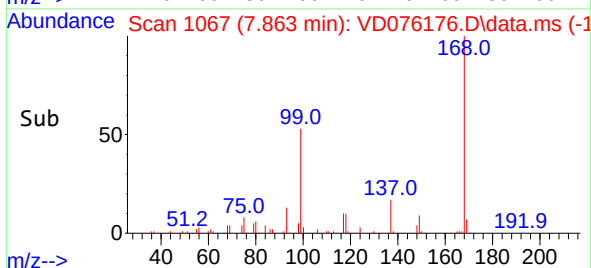
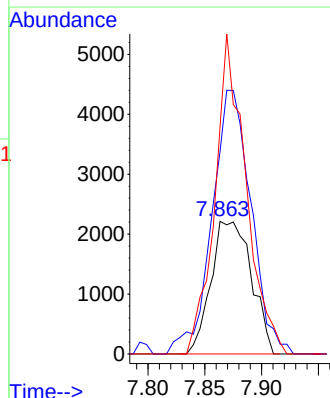
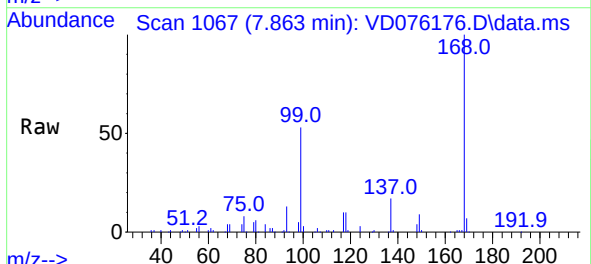
Instrument :
MSVOA_D
ClientSampleId :
TP1

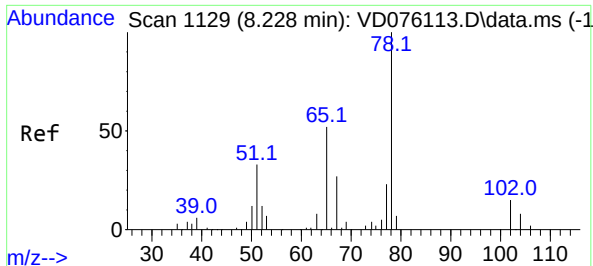
Tgt Ion: 76 Resp: 180
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#31
Cyclohexane
Concen: 1.316 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Tgt Ion: 56 Resp: 5478
Ion Ratio Lower Upper
56 100
69 145.3 25.5 38.3#
84 171.3 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 52.512 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076176.D

Acq: 22 May 2023 15:22

Instrument :

MSVOA_D

ClientSampleId :

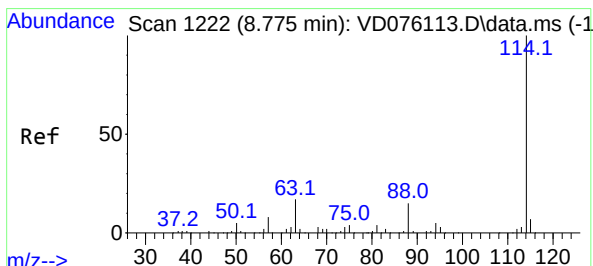
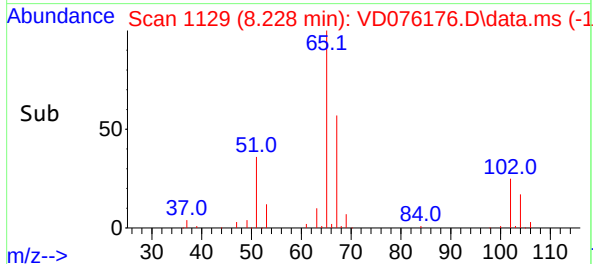
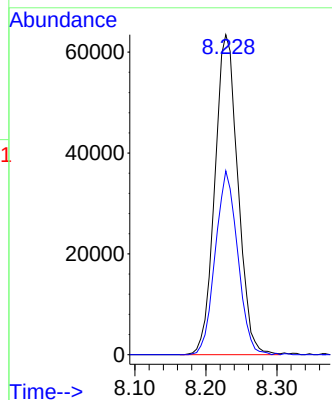
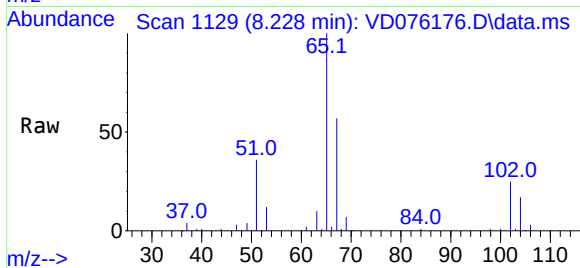
TP1

Tgt Ion: 65 Resp: 142766

Ion Ratio Lower Upper

65 100

67 55.8 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076176.D

Acq: 22 May 2023 15:22

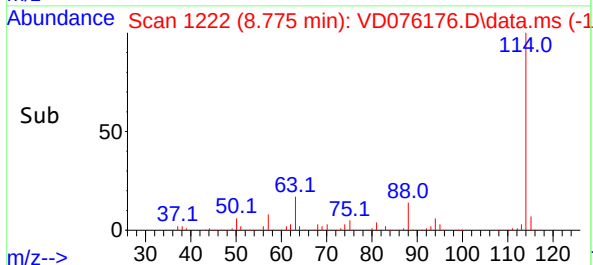
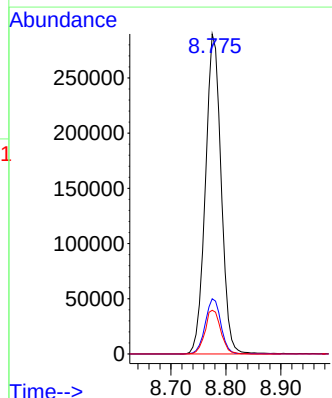
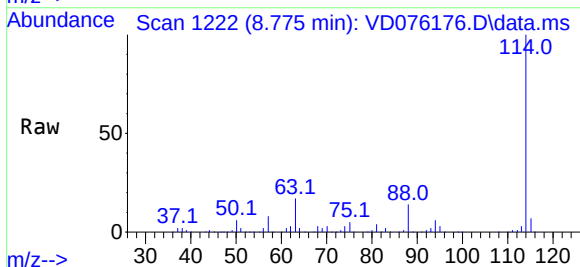
Tgt Ion: 114 Resp: 574991

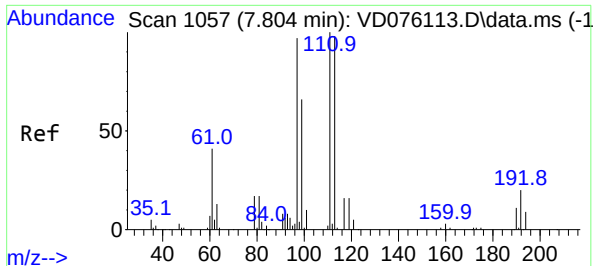
Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.6

88 13.7 0.0 30.6

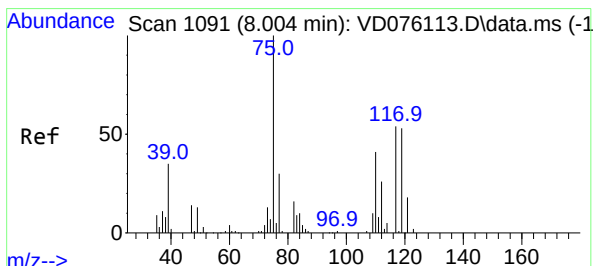
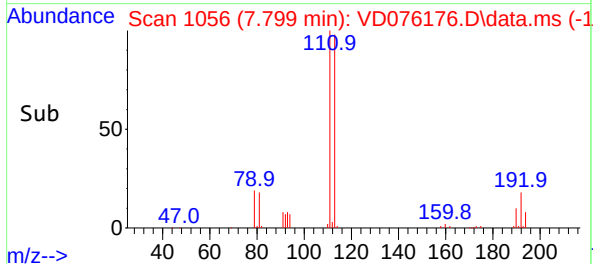
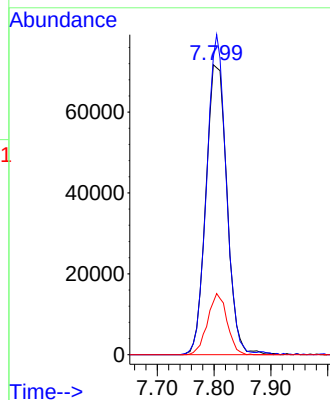
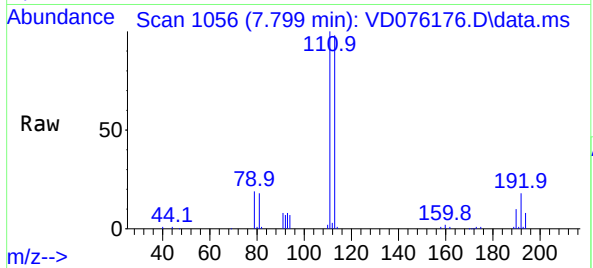




#35
Dibromofluoromethane
Concen: 46.651 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

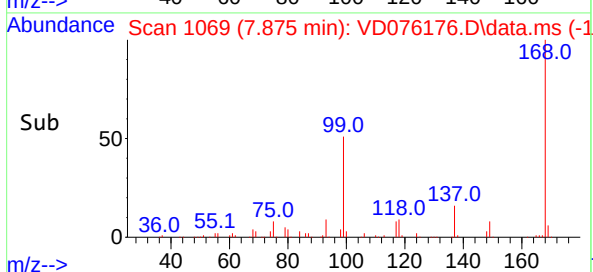
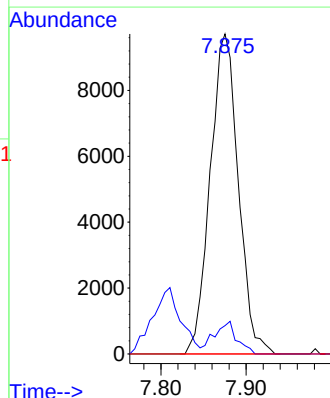
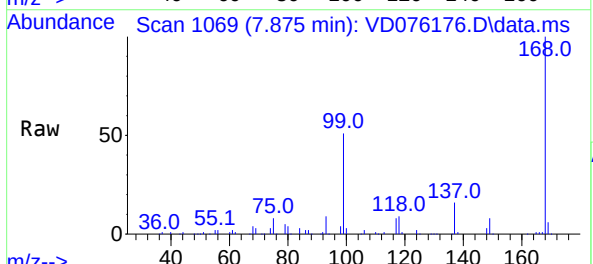
Instrument :
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ClientSampleId :
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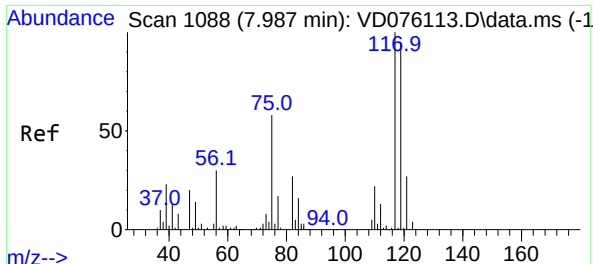
Tgt Ion: 113 Resp: 185412
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 19.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.145 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

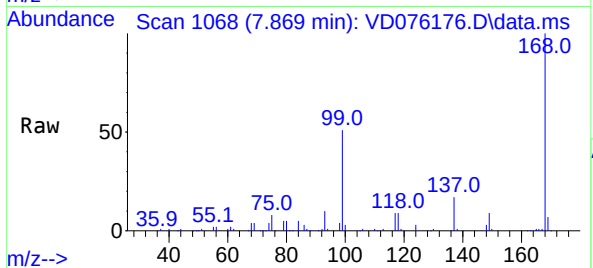
Tgt Ion: 75 Resp: 22251
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.6 36.8#



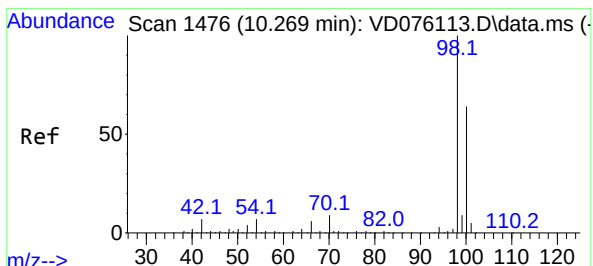
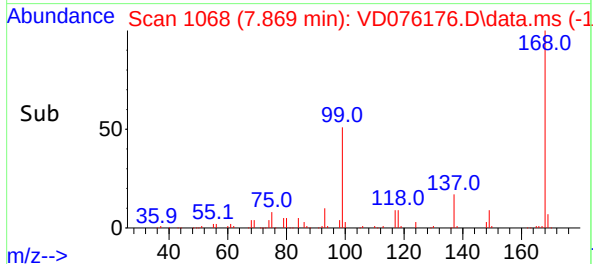
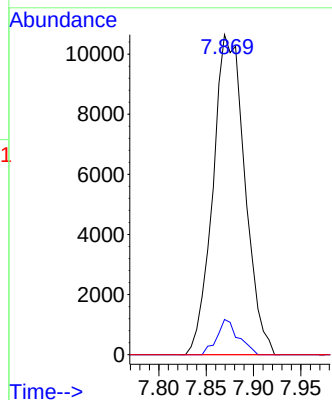


#38
Carbon Tetrachloride
Concen: 5.134 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Instrument :
MSVOA_D
ClientSampleId :
TP1

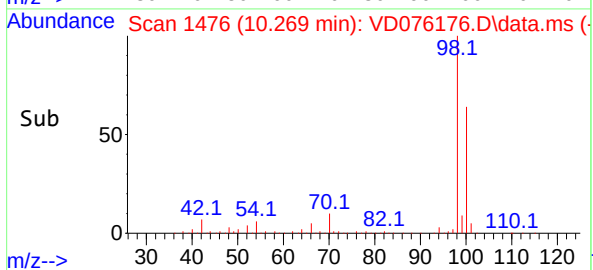
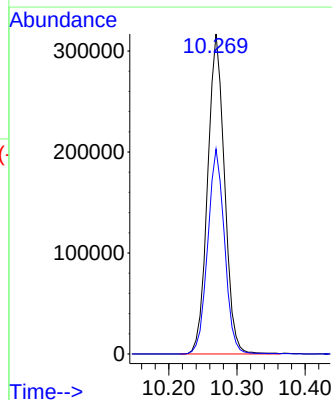
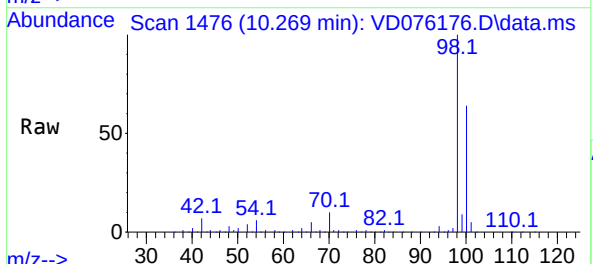


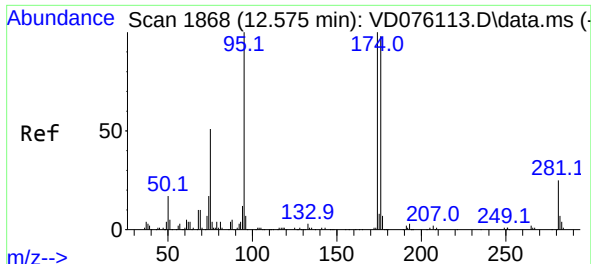
Tgt Ion:117 Resp: 24893
Ion Ratio Lower Upper
117 100
119 11.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 35.285 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Tgt Ion: 98 Resp: 546689
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1

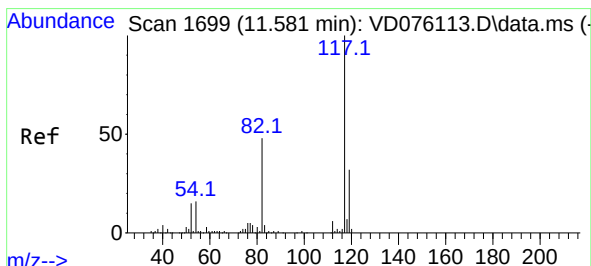
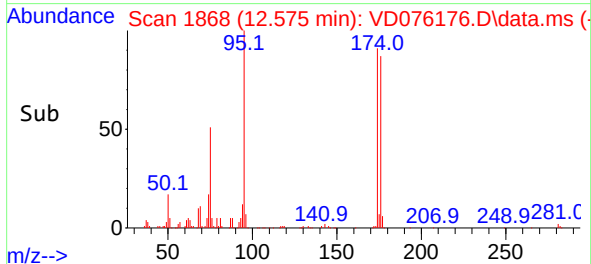
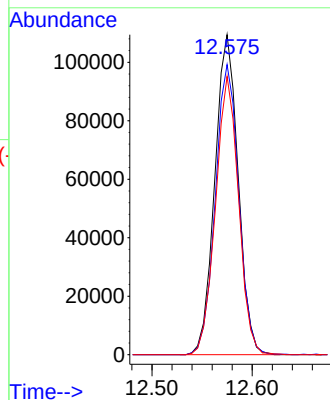
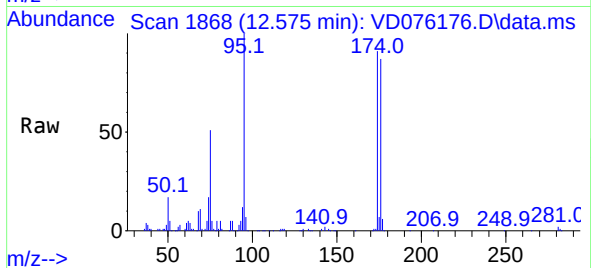




#62
4-Bromofluorobenzene
Concen: 41.023 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

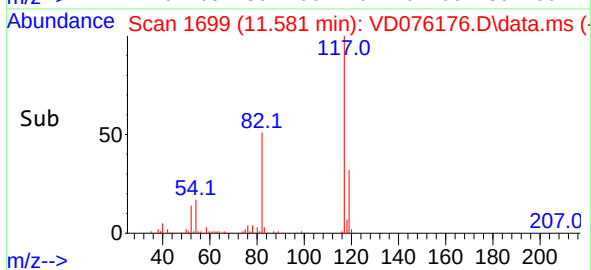
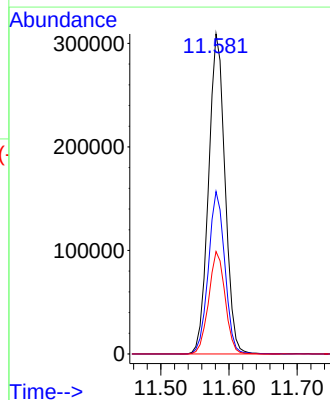
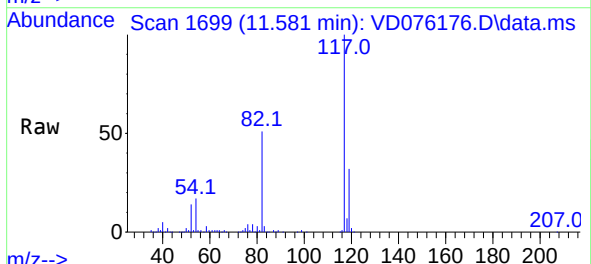
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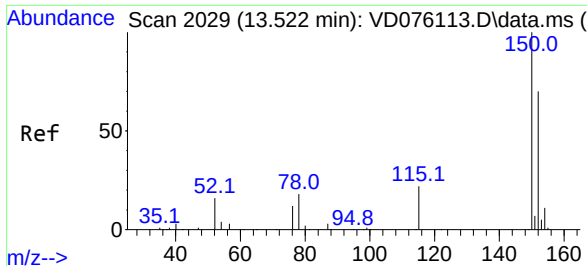
Tgt Ion: 95 Resp: 176556
Ion Ratio Lower Upper
95 100
174 91.1 0.0 164.0
176 85.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

Tgt Ion: 117 Resp: 519194
Ion Ratio Lower Upper
117 100
82 50.8 44.0 66.0
119 32.0 25.1 37.7

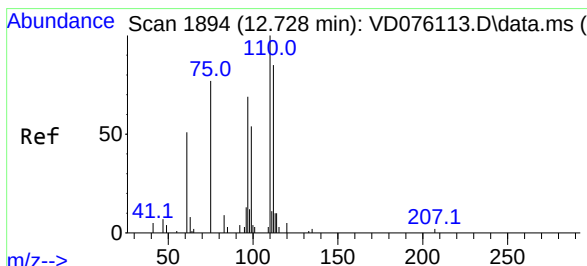
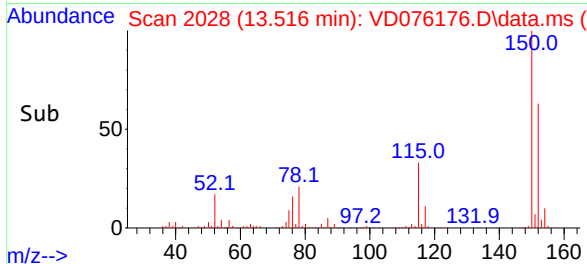
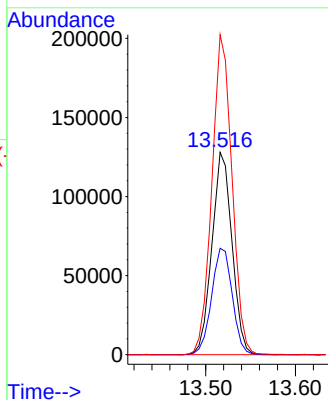
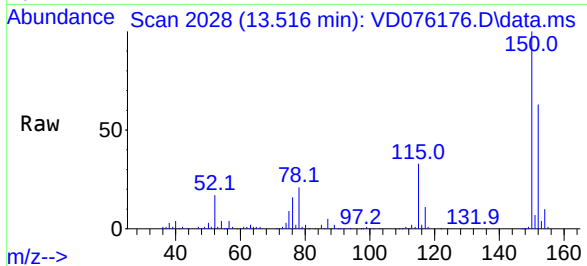




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

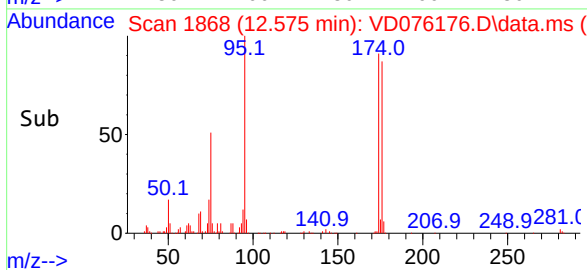
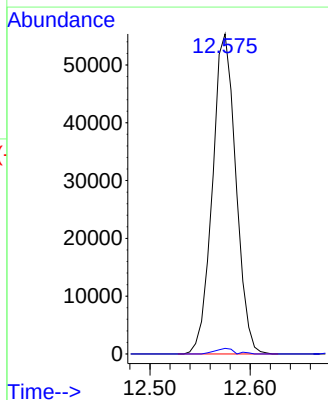
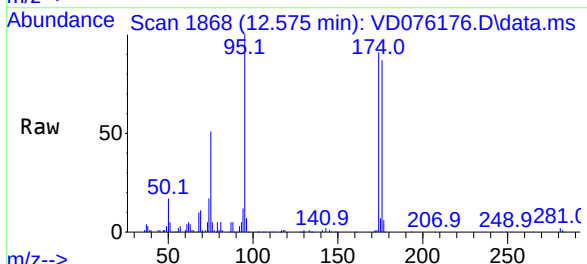
Instrument :
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TP1

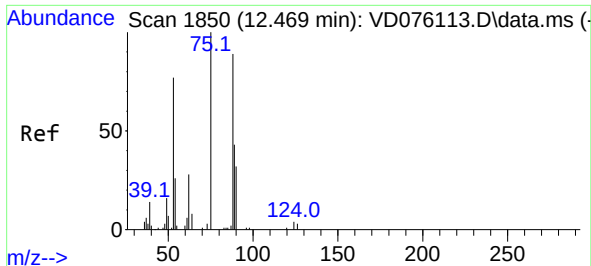
Tgt Ion:152 Resp: 199049
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.3
150 158.2 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 51.537 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076176.D
Acq: 22 May 2023 15:22

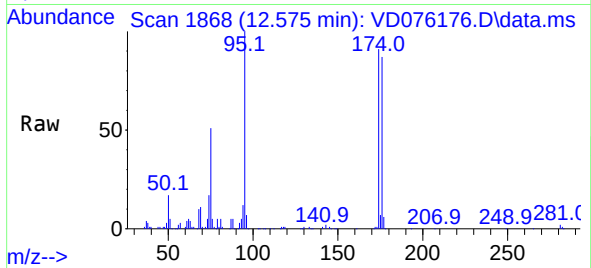
Tgt Ion: 75 Resp: 89770
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.117 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076176.D
 Acq: 22 May 2023 15:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1



Tgt Ion:	75	Resp:	89770
Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.1	40.2	60.4#

