

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071576.D
 Acq On : 03 Jan 2022 19:59
 Operator : VA/SY
 Sample : M5196-19
 Misc : 6.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:51:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

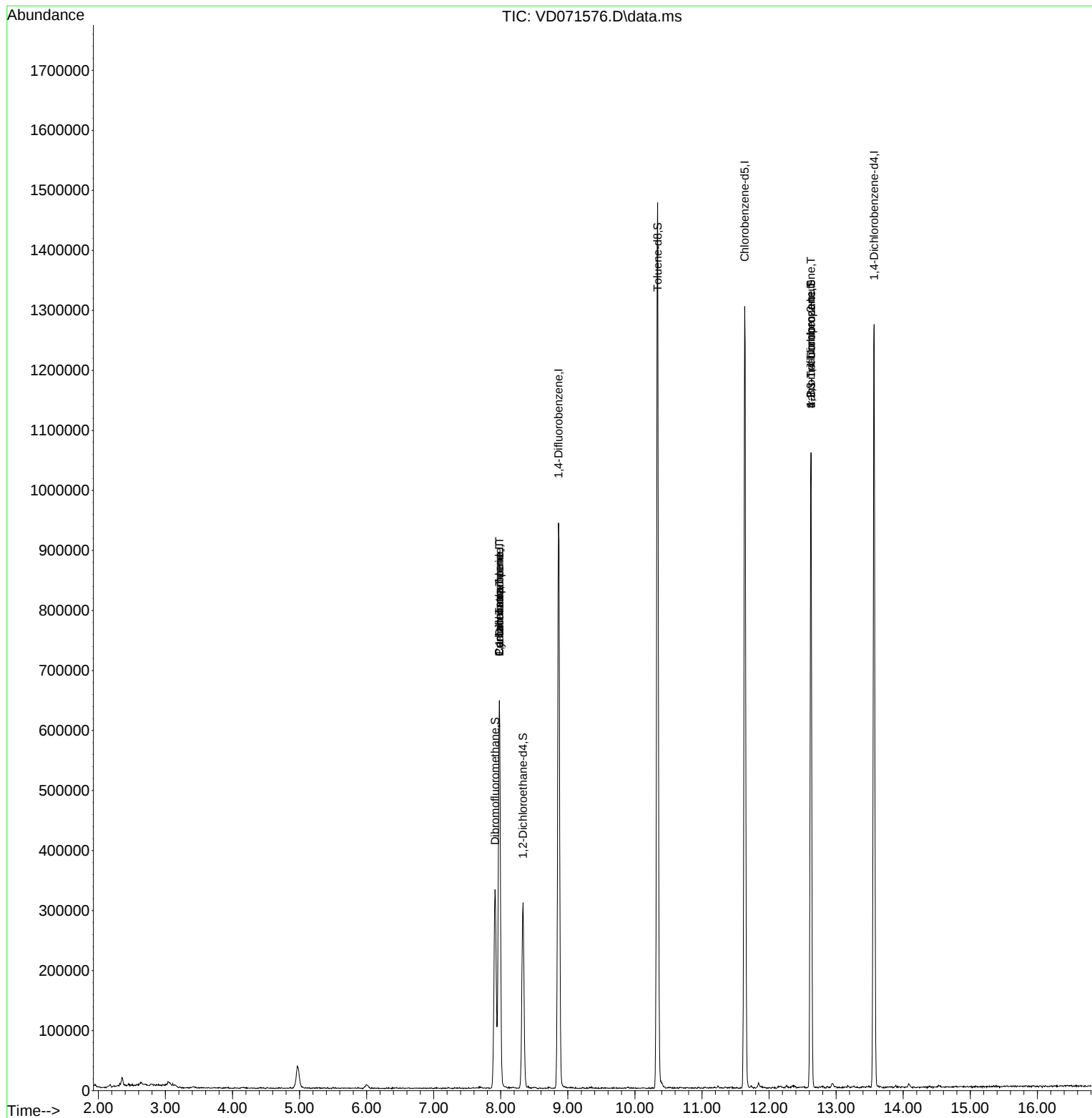
Internal Standards						
1) Pentafluorobenzene	7.979	168	442151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	764320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	248074	42.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.500%
35) Dibromofluoromethane	7.914	113	231560	45.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.160%
50) Toluene-d8	10.338	98	959611	49.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.626	95	317218	45.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	84	Below Cal	#	71
20) Methylene Chloride	4.967	84	26731	Below Cal		94
31) Cyclohexane	7.979	56	13767	1.380	ug/l #	31
36) 1,1-Dichloropropene	7.979	75	40589	4.946	ug/l #	50
38) Carbon Tetrachloride	7.979	117	47818	5.906	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	179148	49.245	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	179148	139.144	ug/l #	18

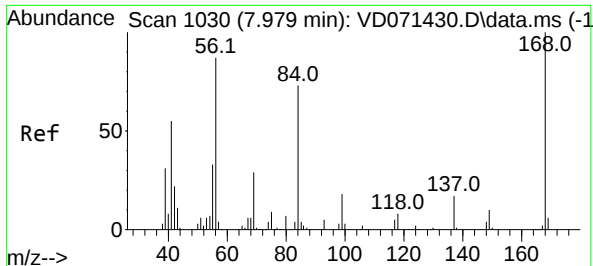
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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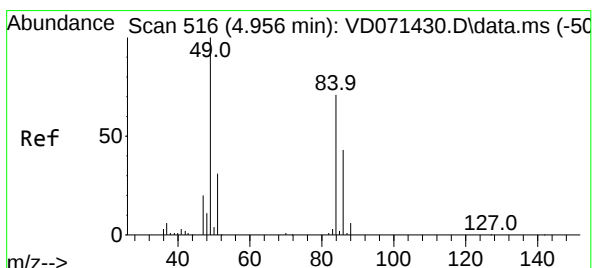
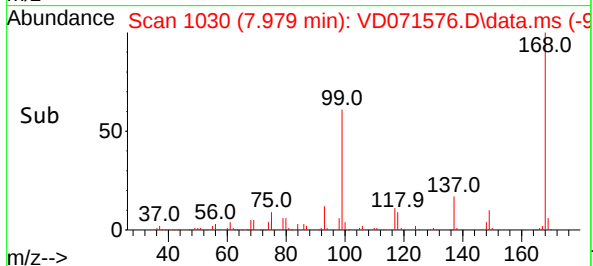
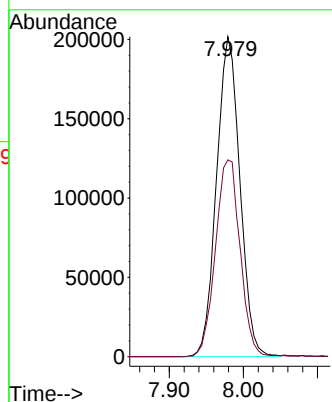
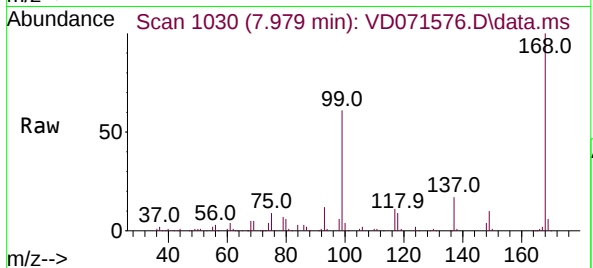




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

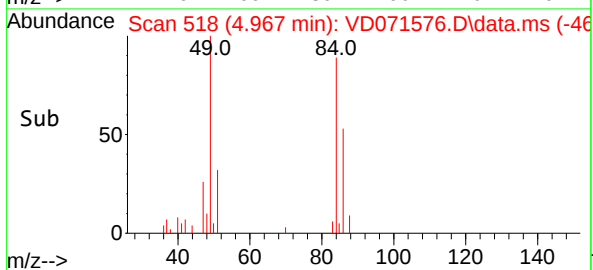
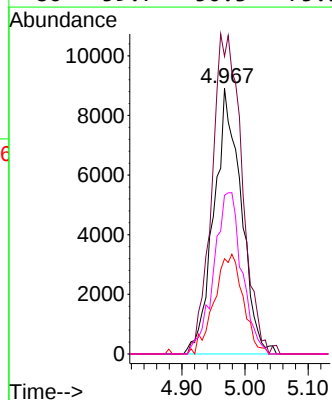
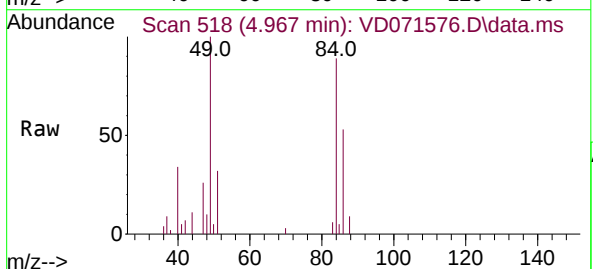
Instrument :
MSVOA_D
ClientSampleId :

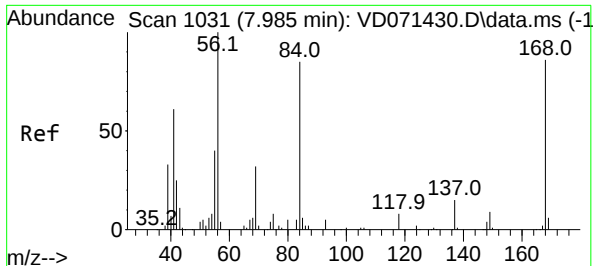
Tgt Ion:168 Resp: 442151
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

Tgt Ion: 84 Resp: 26731
Ion Ratio Lower Upper
84 100
49 112.0 95.8 143.6
51 35.8 30.9 46.3
86 59.7 50.3 75.5

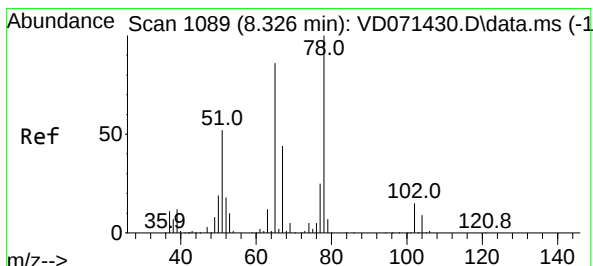
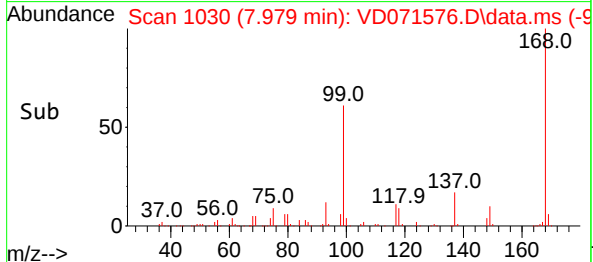
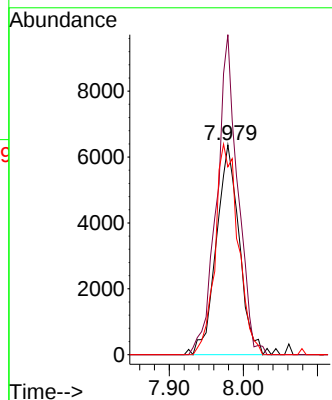
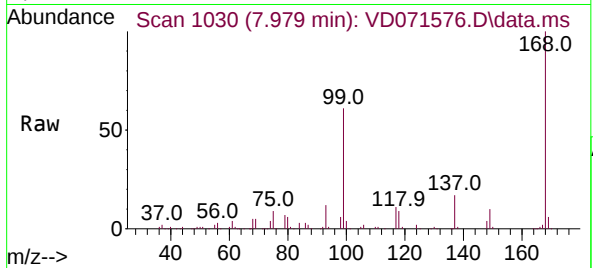




#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

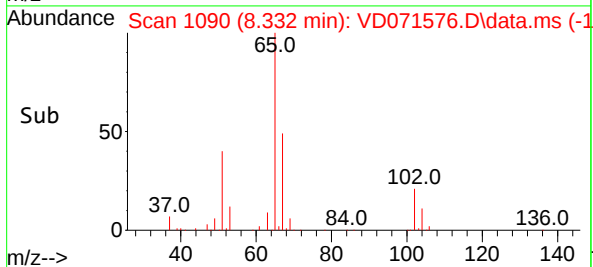
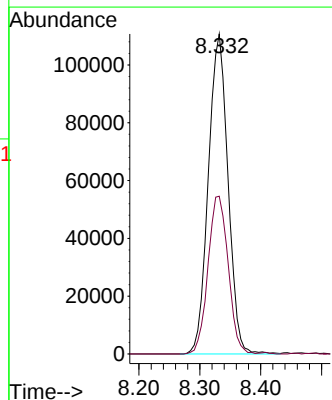
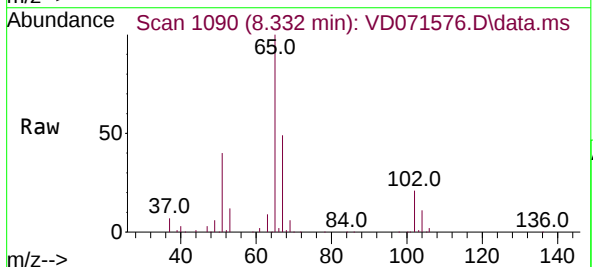
Instrument :
MSVOA_D
ClientSampleId :

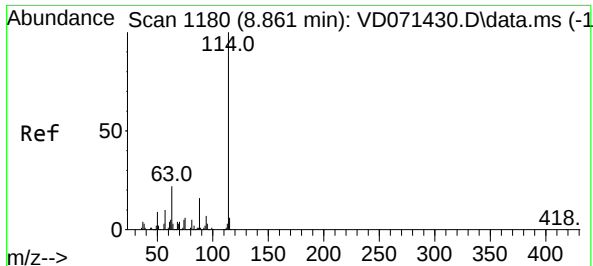
Tgt Ion: 56 Resp: 13767
Ion Ratio Lower Upper
56 100
69 152.6 25.9 38.9#
84 89.6 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 42.246 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

Tgt Ion: 65 Resp: 248074
Ion Ratio Lower Upper
65 100
67 50.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071576.D

Acq: 03 Jan 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

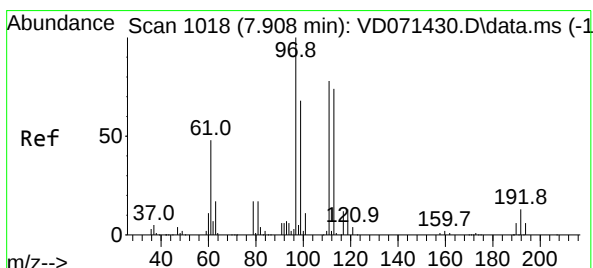
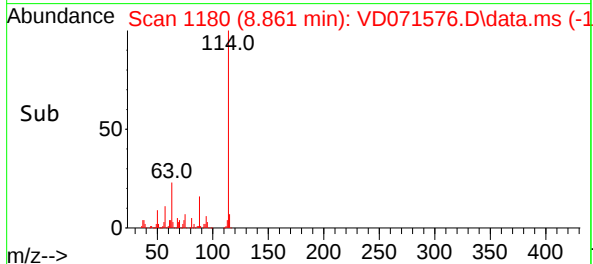
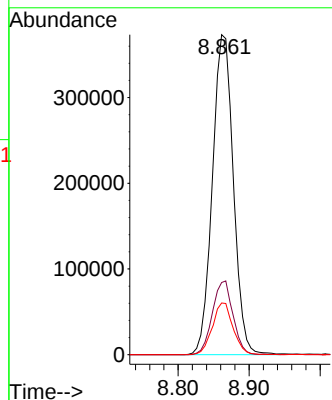
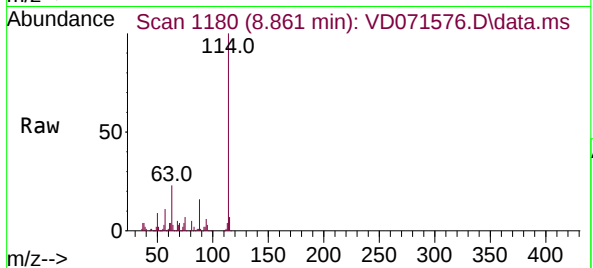
Tgt Ion:114 Resp: 764320

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.078 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071576.D

Acq: 03 Jan 2022 19:59

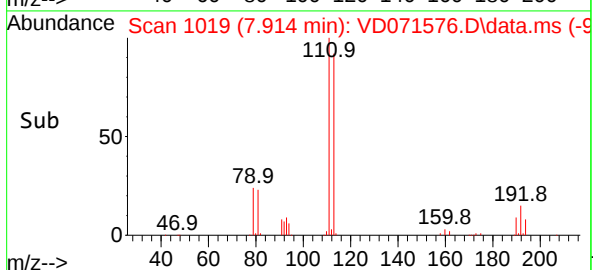
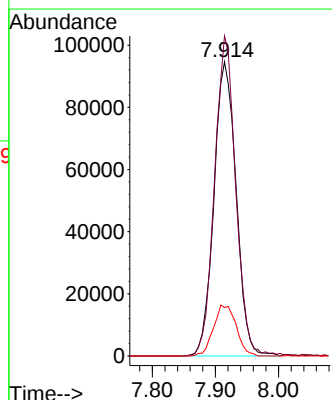
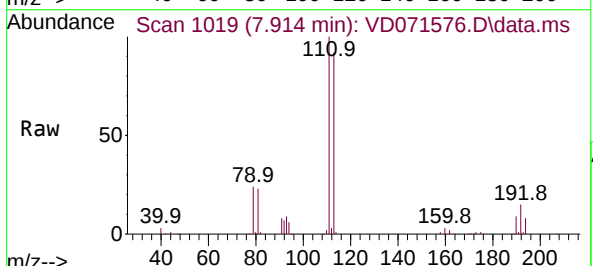
Tgt Ion:113 Resp: 231560

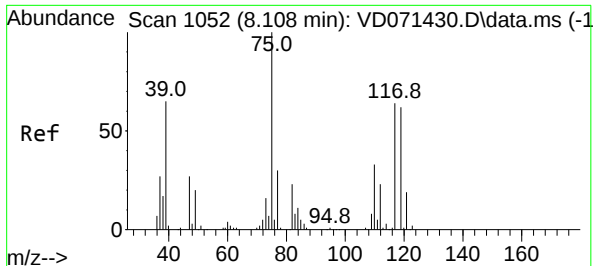
Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 17.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.946 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071576.D

Acq: 03 Jan 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

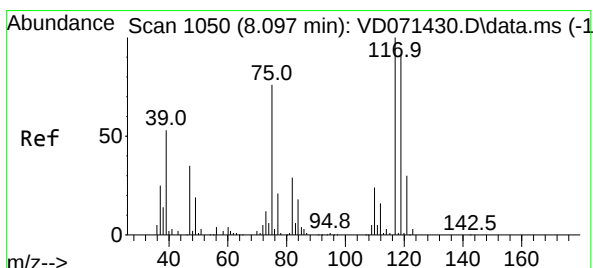
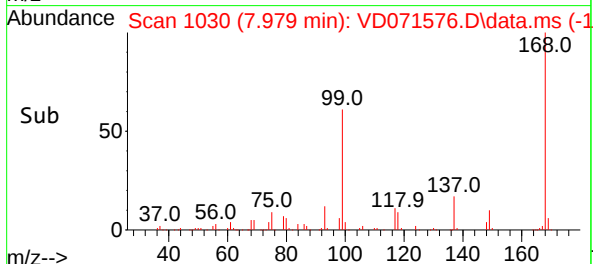
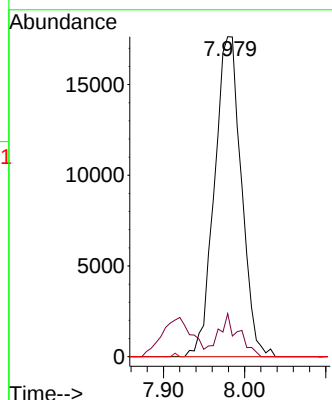
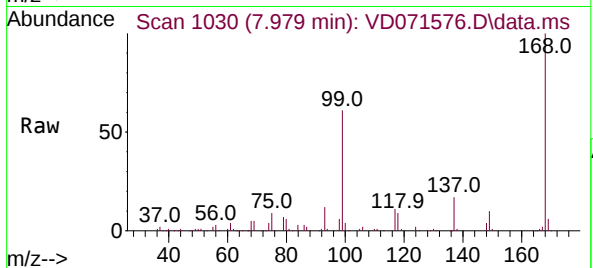
Tgt Ion: 75 Resp: 40589

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.906 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071576.D

Acq: 03 Jan 2022 19:59

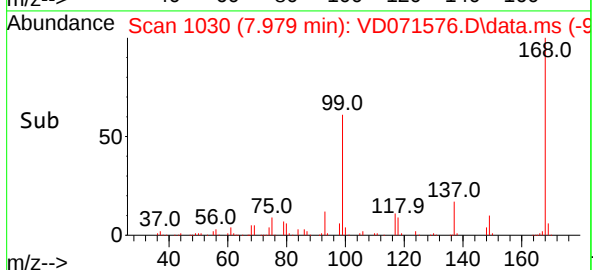
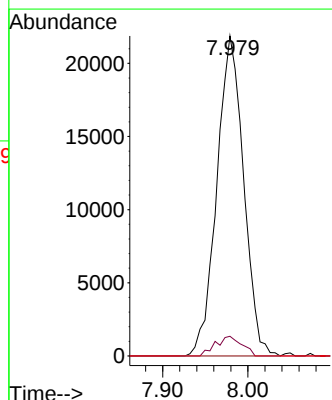
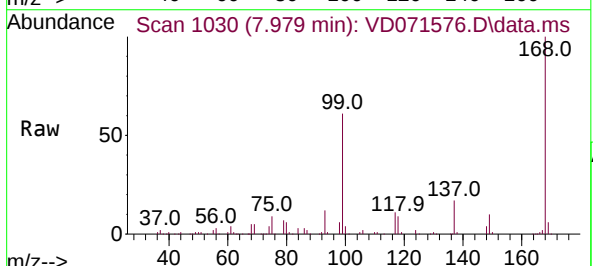
Tgt Ion: 117 Resp: 47818

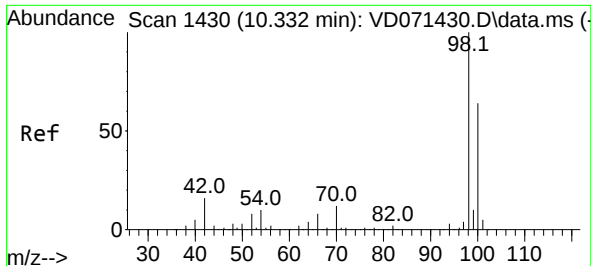
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

121 0.0 23.6 35.4#

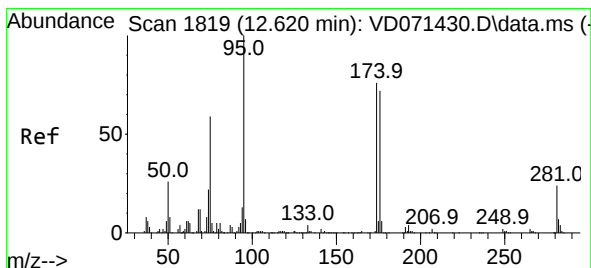
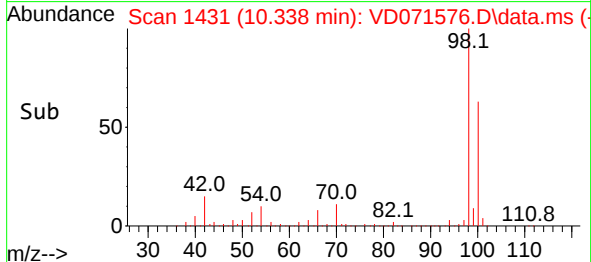
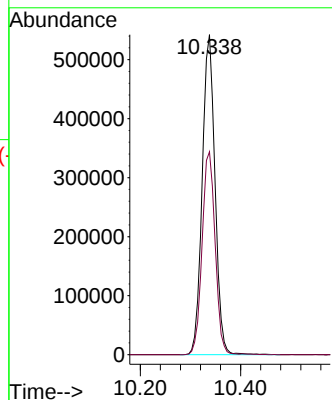
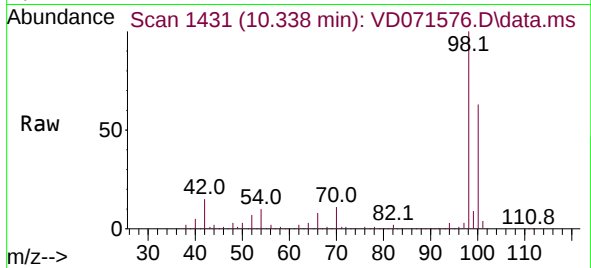




#50
Toluene-d8
Concen: 49.433 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

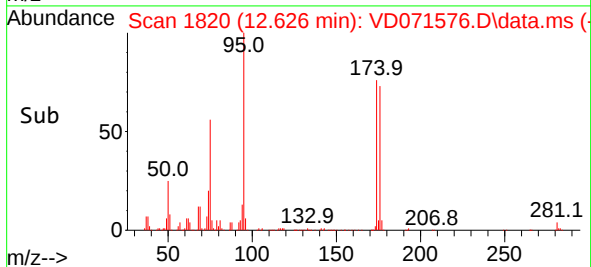
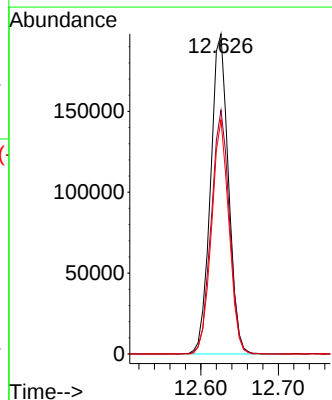
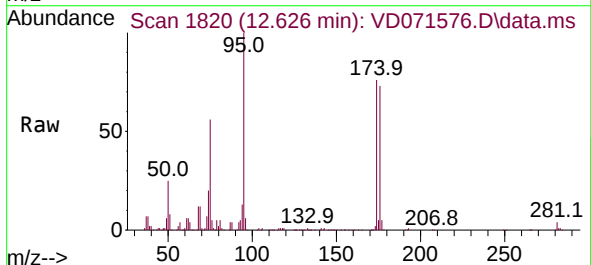
Instrument :
MSVOA_D
ClientSampleId :

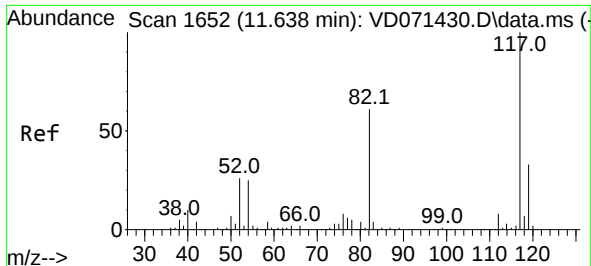
Tgt Ion: 98 Resp: 959611
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.986 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

Tgt Ion: 95 Resp: 317218
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.4
176 71.2 0.0 154.0

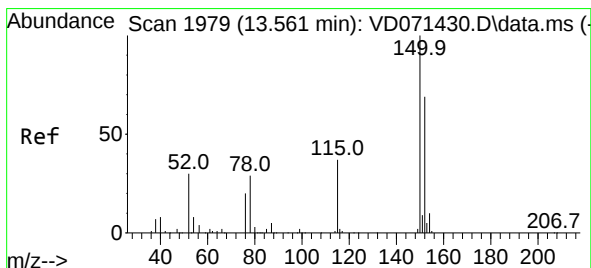
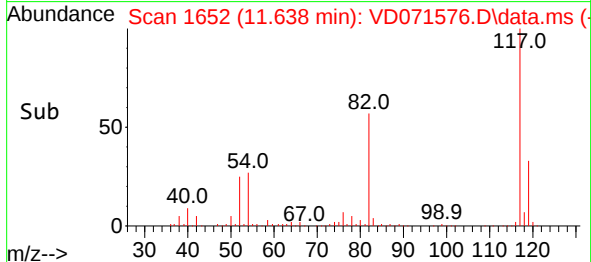
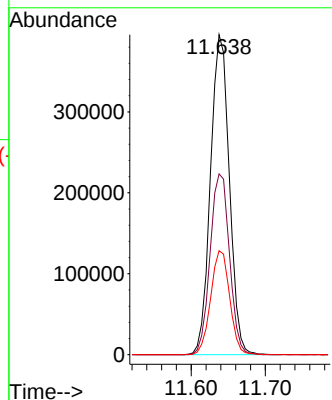
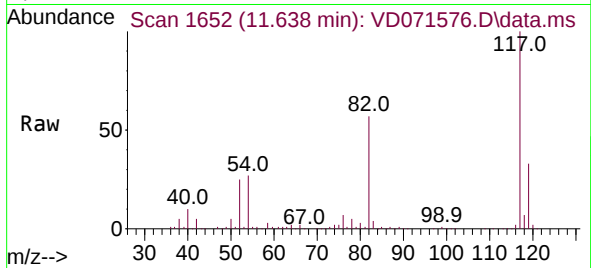




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

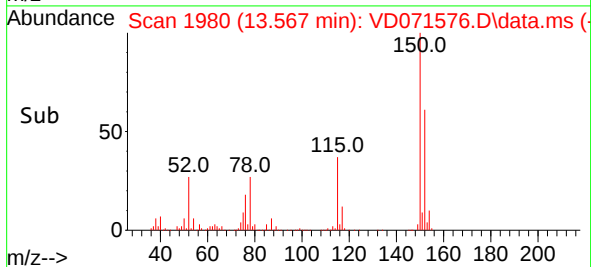
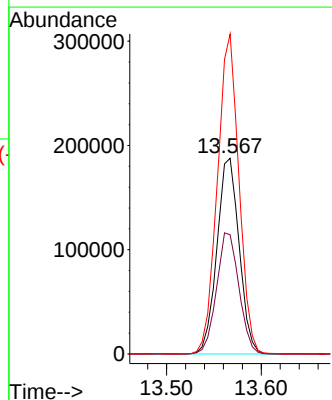
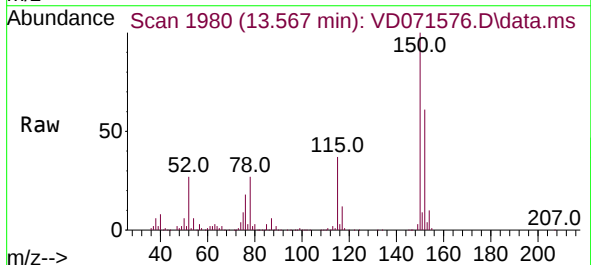
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MSVOA_D
ClientSampleId :

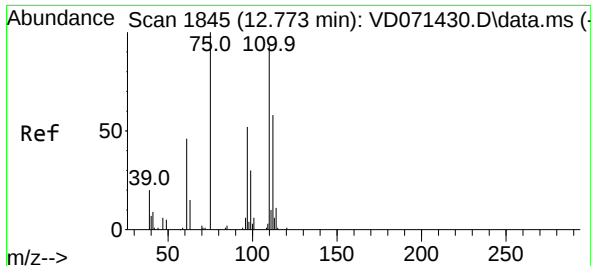
Tgt Ion:117 Resp: 698580
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

Tgt Ion:152 Resp: 306172
Ion Ratio Lower Upper
152 100
115 62.3 29.8 89.3
150 158.5 0.0 349.2

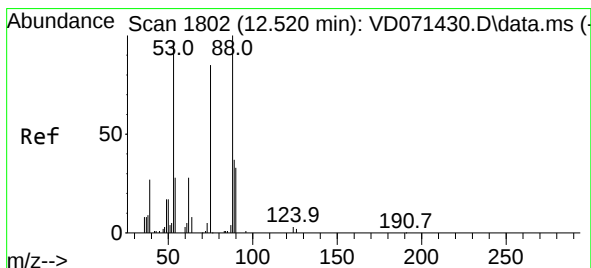
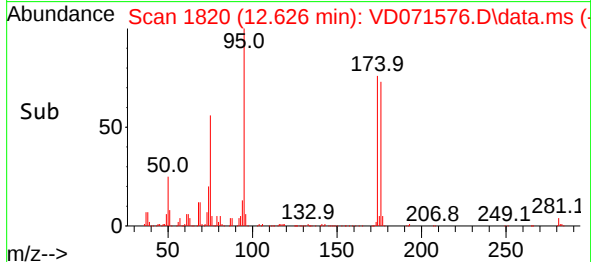
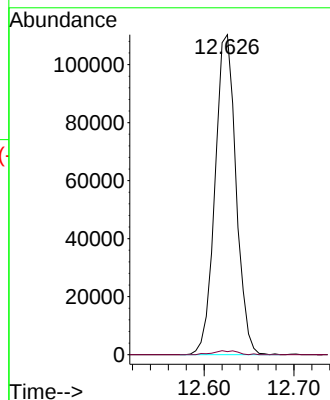
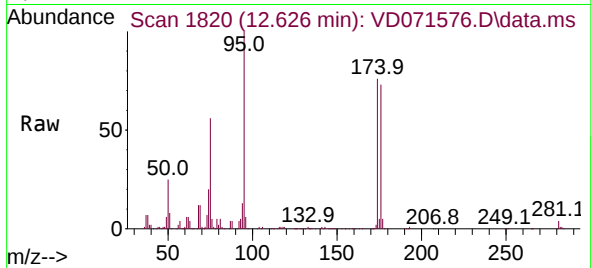




#76
1,2,3-Trichloropropane
Concen: 49.245 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 179148
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.144 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071576.D
Acq: 03 Jan 2022 19:59

Tgt Ion: 75 Resp: 179148
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

