

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071575.D
 Acq On : 03 Jan 2022 19:31
 Operator : VA/SY
 Sample : M5196-18
 Misc : 6.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:51:09 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)

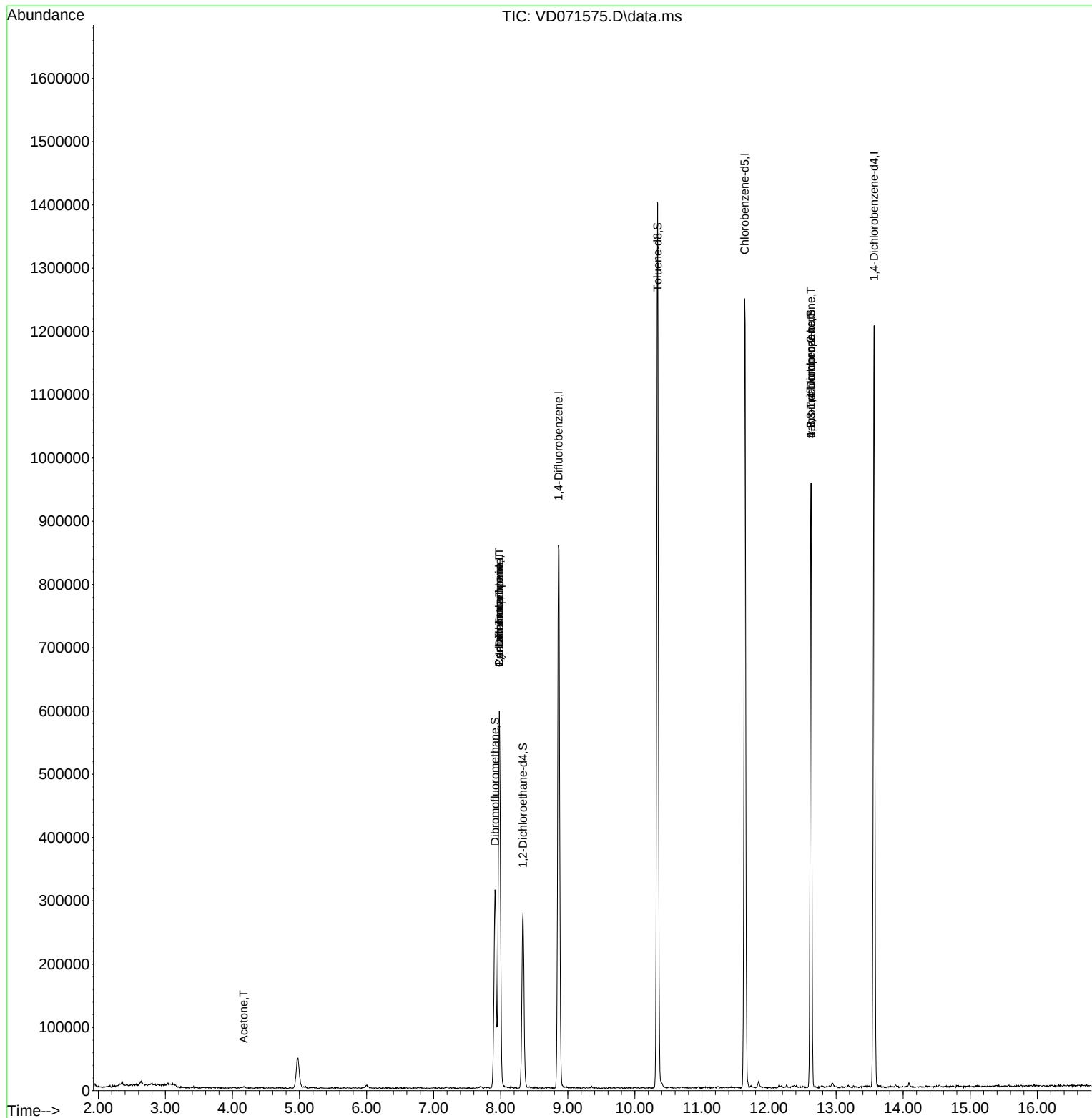
Internal Standards						
1) Pentafluorobenzene	7.979	168	413616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	710897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	288751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	223237	40.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.280%		
35) Dibromofluoromethane	7.914	113	211386	44.244	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.480%		
50) Toluene-d8	10.338	98	898225	49.748	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.626	95	292377	45.570	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.140%		
Target Compounds						
11) Tert butyl alcohol	5.209	59	138	Below Cal	#	71
16) Acetone	4.168	43	2525	1.830	ug/l #	86
20) Methylene Chloride	4.973	84	34019	Below Cal		94
31) Cyclohexane	7.979	56	12150	1.302	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	39417	5.164	ug/l #	49
38) Carbon Tetrachloride	7.979	117	44220	5.872	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	165709	48.299	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	165709	136.471	ug/l #	18

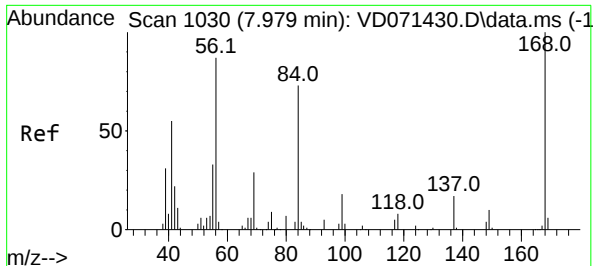
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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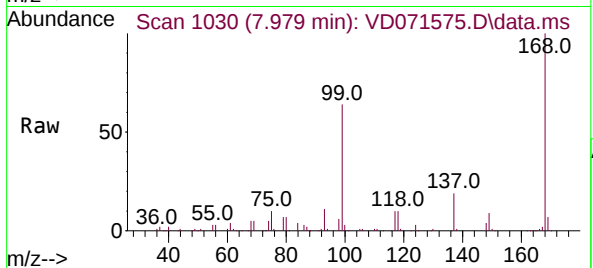
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



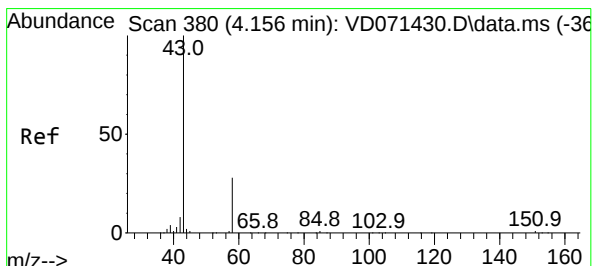
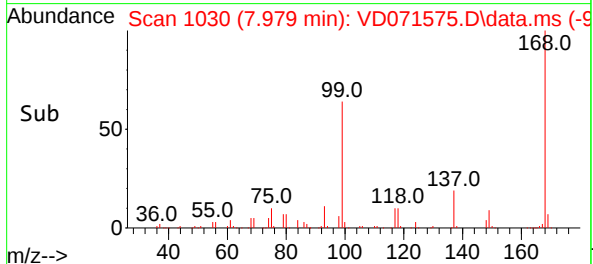
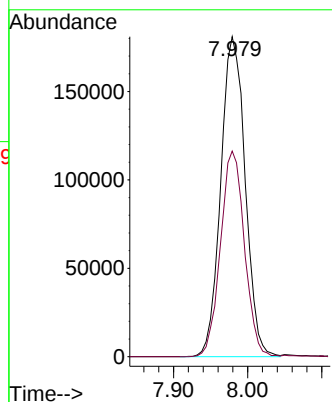


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :

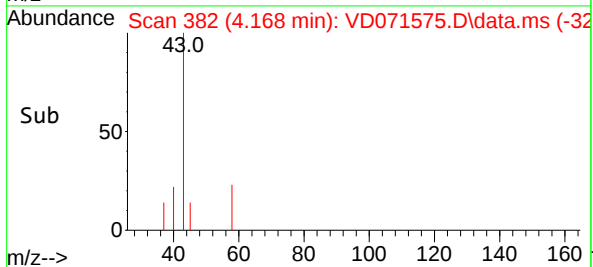
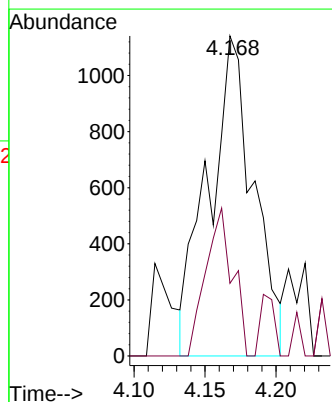
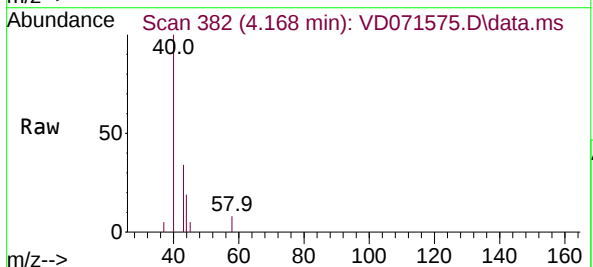


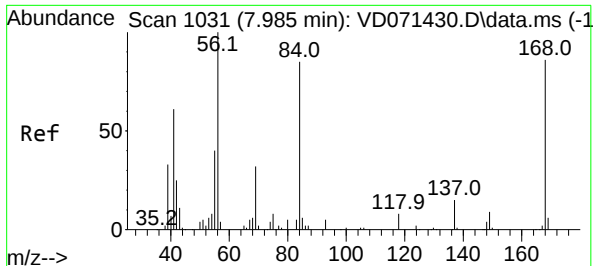
Tgt Ion:168 Resp: 413616
Ion Ratio Lower Upper
168 100
99 64.3 46.6 69.8



#16
Acetone
Concen: 1.830 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#

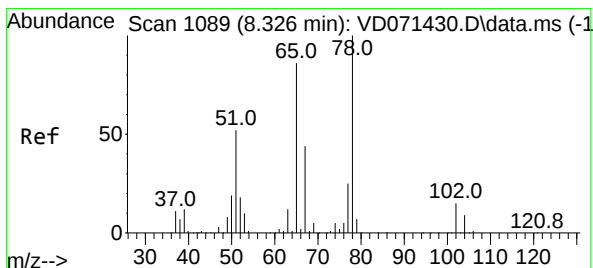
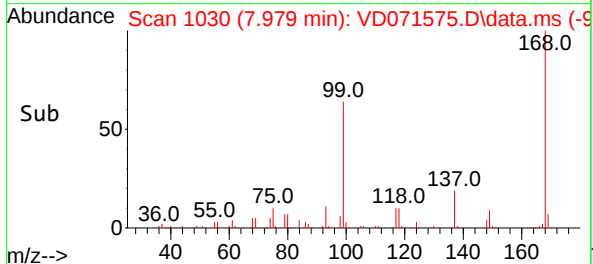
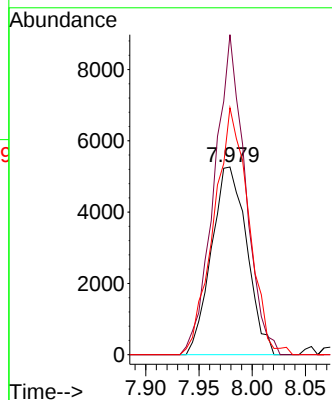
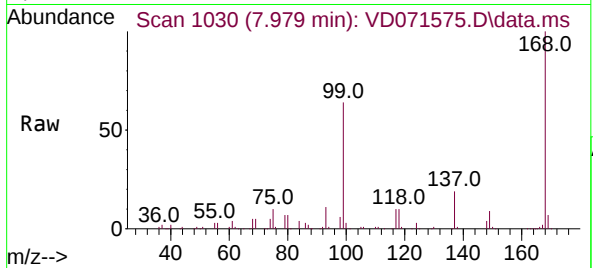




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

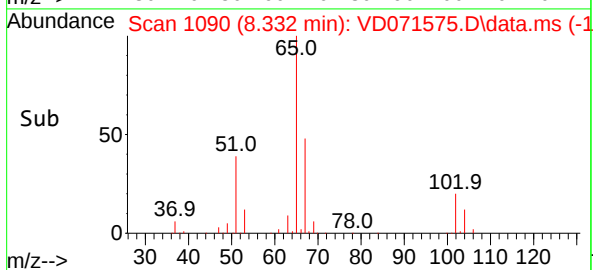
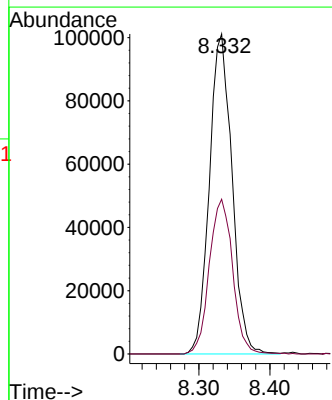
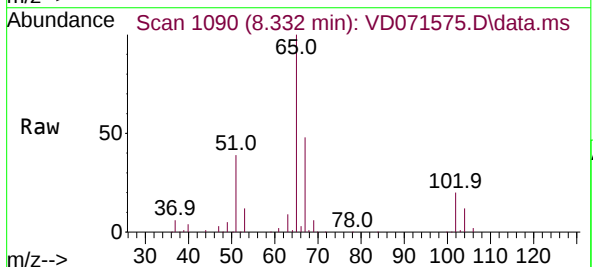
Instrument :
MSVOA_D
ClientSampleId :

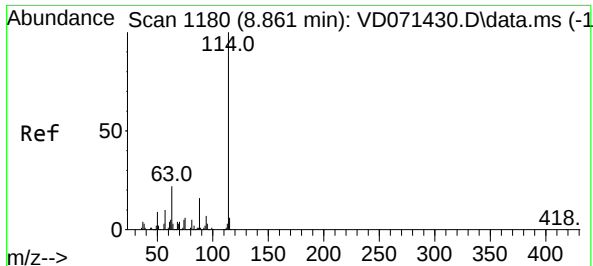
Tgt Ion: 56 Resp: 12150
Ion Ratio Lower Upper
56 100
69 170.5 25.9 38.9#
84 131.6 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 40.639 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion: 65 Resp: 223237
Ion Ratio Lower Upper
65 100
67 49.9 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: VD071575.D

Acq: 03 Jan 2022 19:31

Instrument :

MSVOA_D

ClientSampleId :

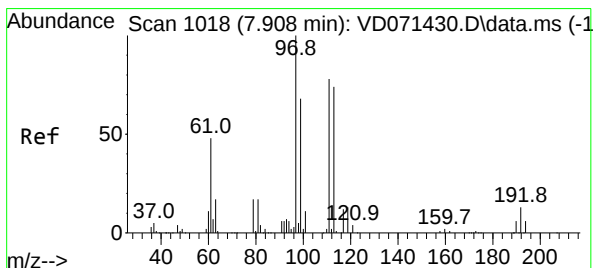
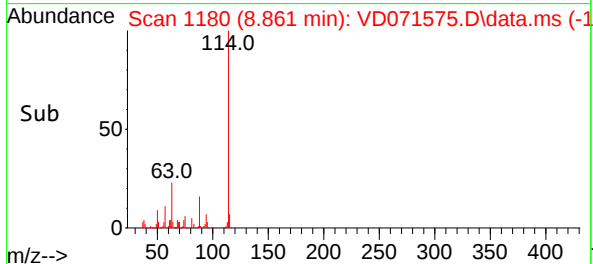
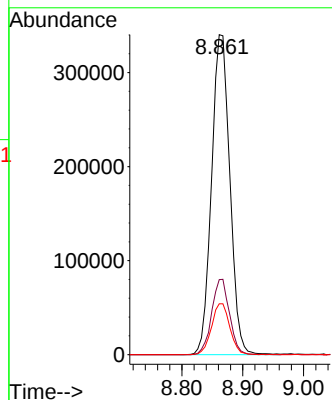
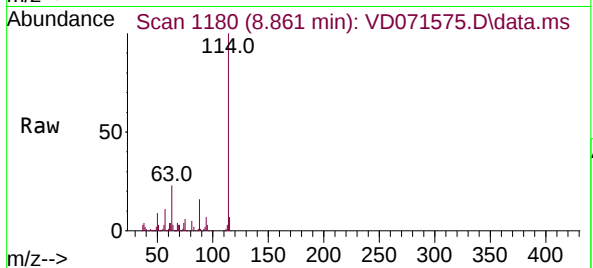
Tgt Ion:114 Resp: 710897

Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

88 15.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 44.244 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071575.D

Acq: 03 Jan 2022 19:31

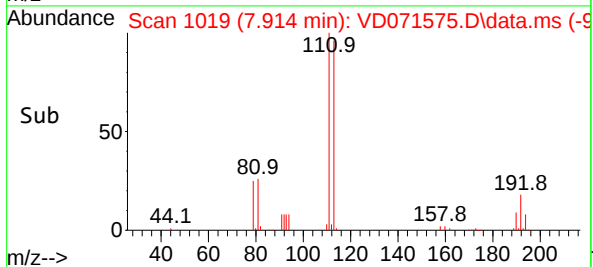
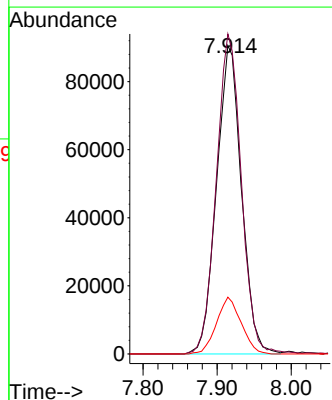
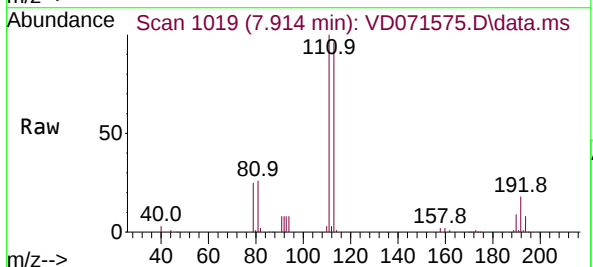
Tgt Ion:113 Resp: 211386

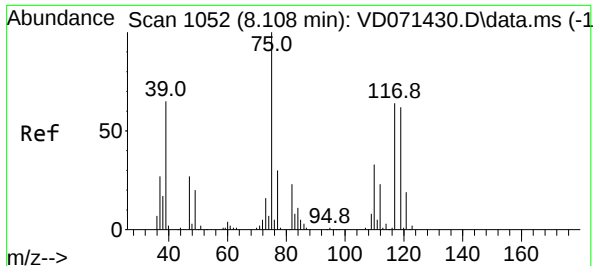
Ion Ratio Lower Upper

113 100

111 104.1 82.0 123.0

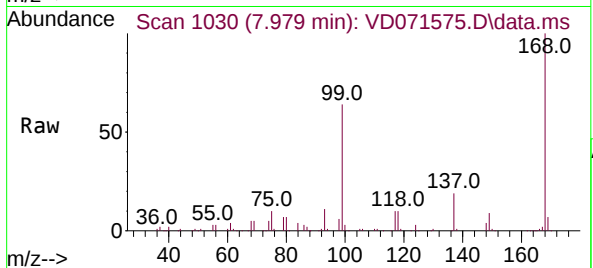
192 18.2 15.2 22.8



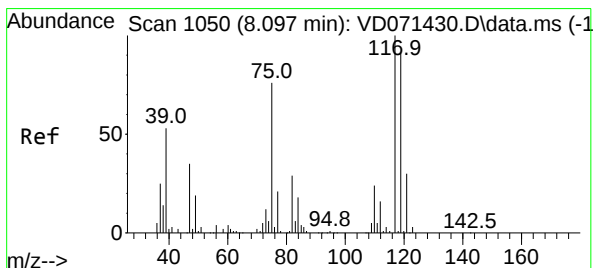
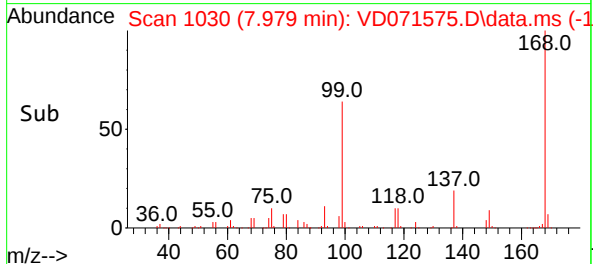
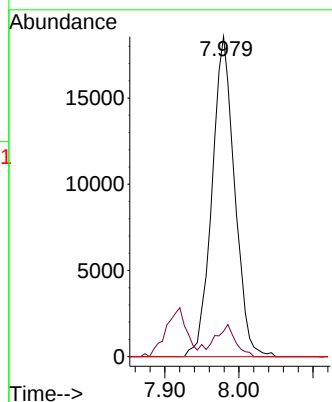


#36
1,1-Dichloropropene
Concen: 5.164 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :

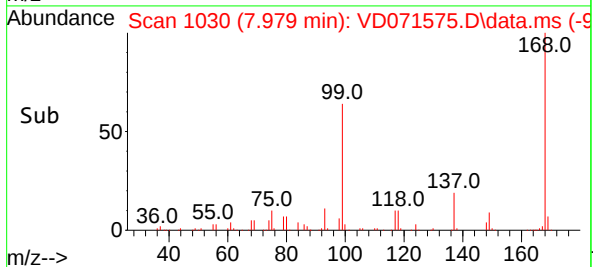
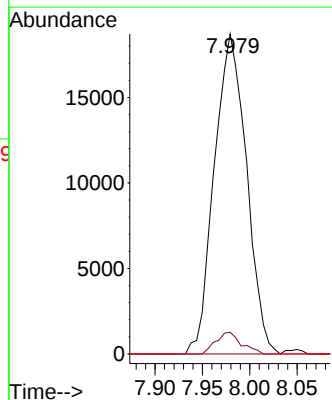
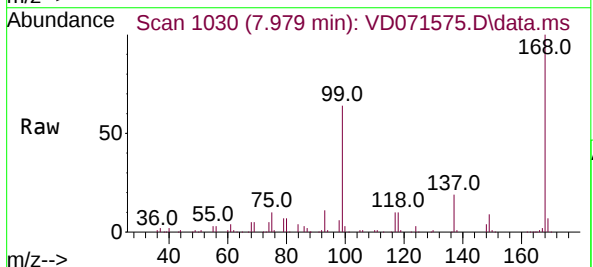


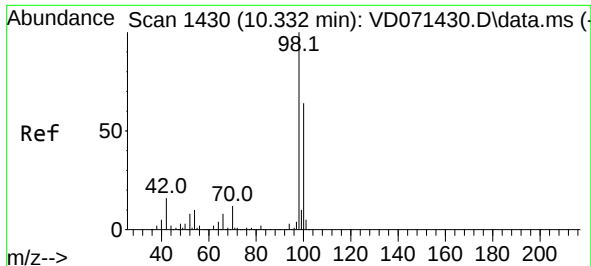
Tgt Ion: 75 Resp: 39417
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.4#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion: 117 Resp: 44220
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.6#
121 0.0 23.6 35.4#

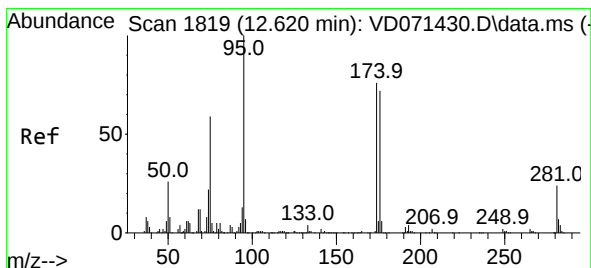
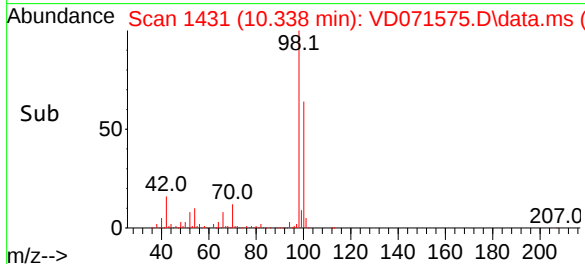
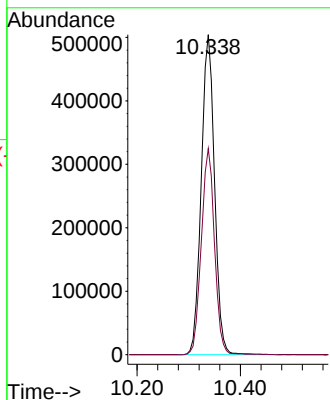
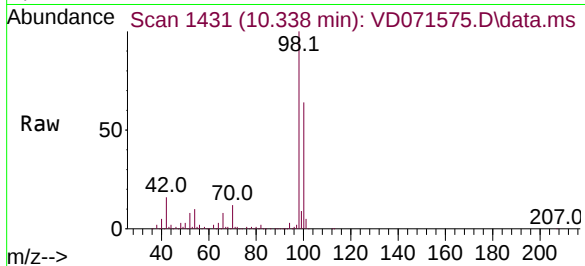




#50
Toluene-d8
Concen: 49.748 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

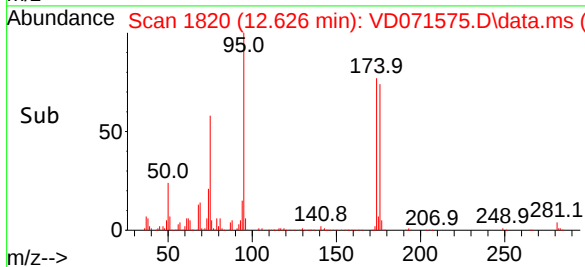
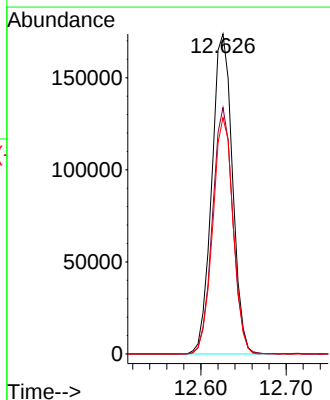
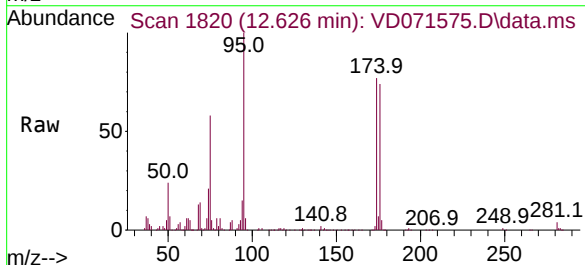
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MSVOA_D
ClientSampleId :

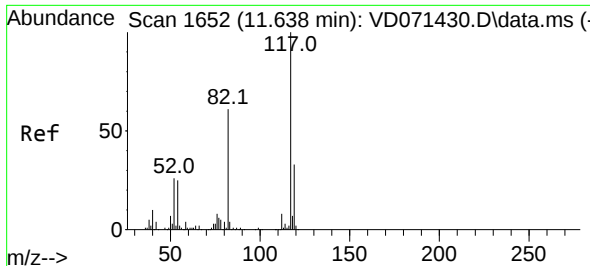
Tgt Ion: 98 Resp: 898225
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.570 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

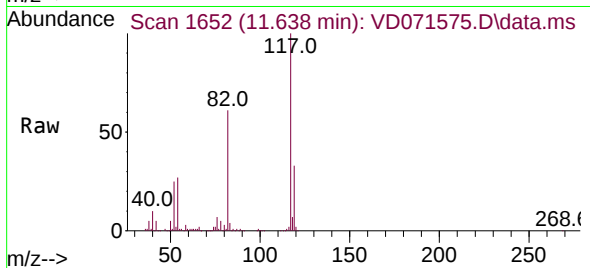
Tgt Ion: 95 Resp: 292377
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.0 0.0 154.0



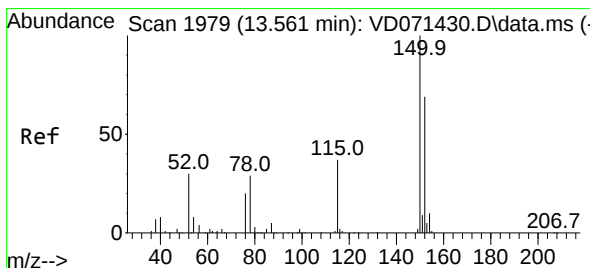
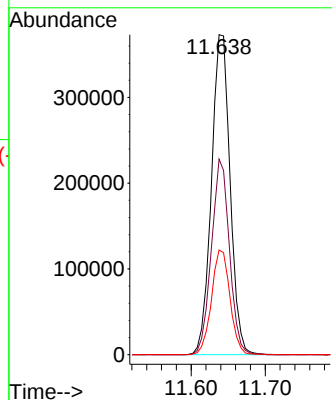
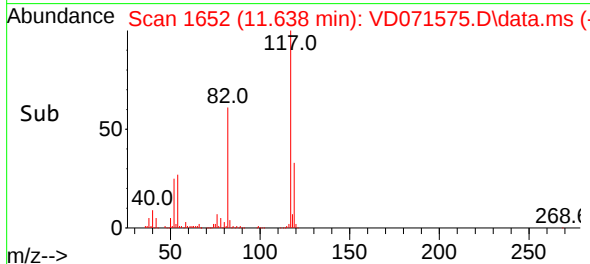


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

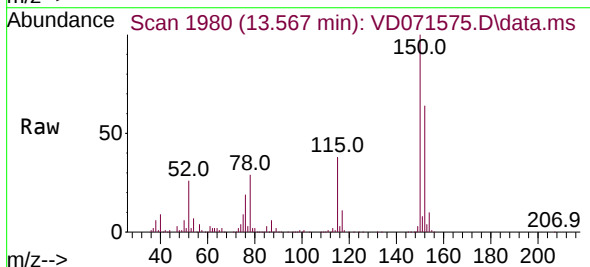
Instrument :
MSVOA_D
ClientSampleId :



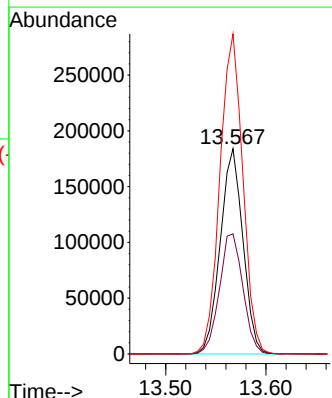
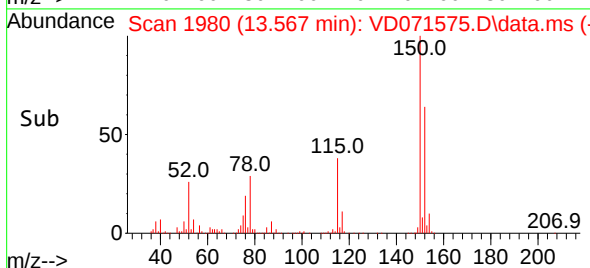
Tgt Ion:117 Resp: 652630
Ion Ratio Lower Upper
117 100
82 61.1 44.7 67.1
119 32.7 26.2 39.4

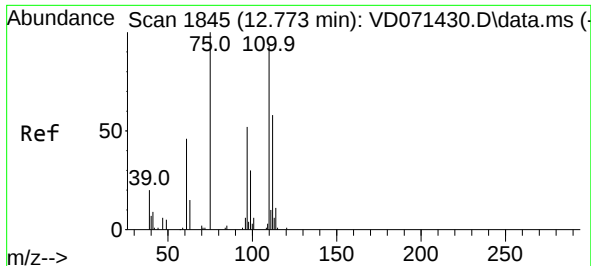


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31



Tgt Ion:152 Resp: 288751
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 157.3 0.0 349.2

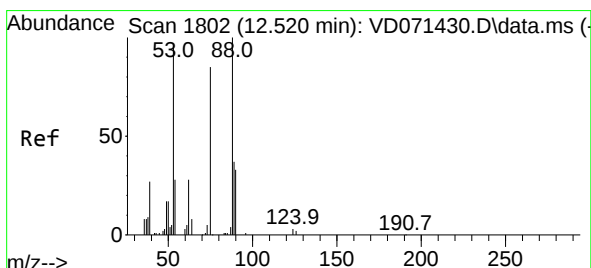
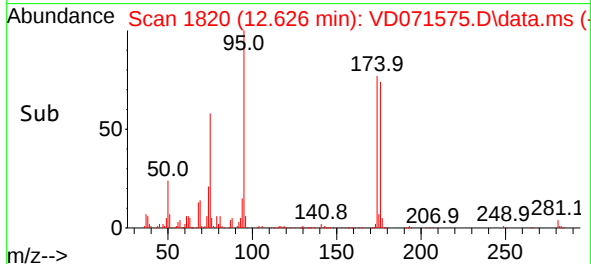
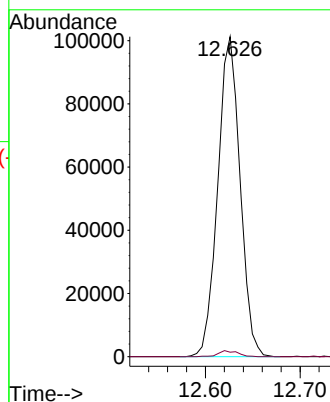
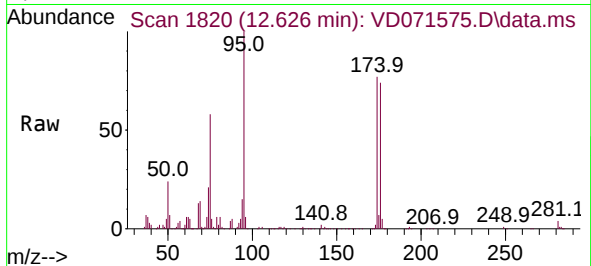




#76
1,2,3-Trichloropropane
Concen: 48.299 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 165709
Ion Ratio Lower Upper
75 100
77 1.7 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.471 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071575.D
Acq: 03 Jan 2022 19:31

Tgt Ion: 75 Resp: 165709
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 34.5 51.7#

