

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071572.D
 Acq On : 03 Jan 2022 18:08
 Operator : VA/SY
 Sample : M5196-15
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:50:27 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)

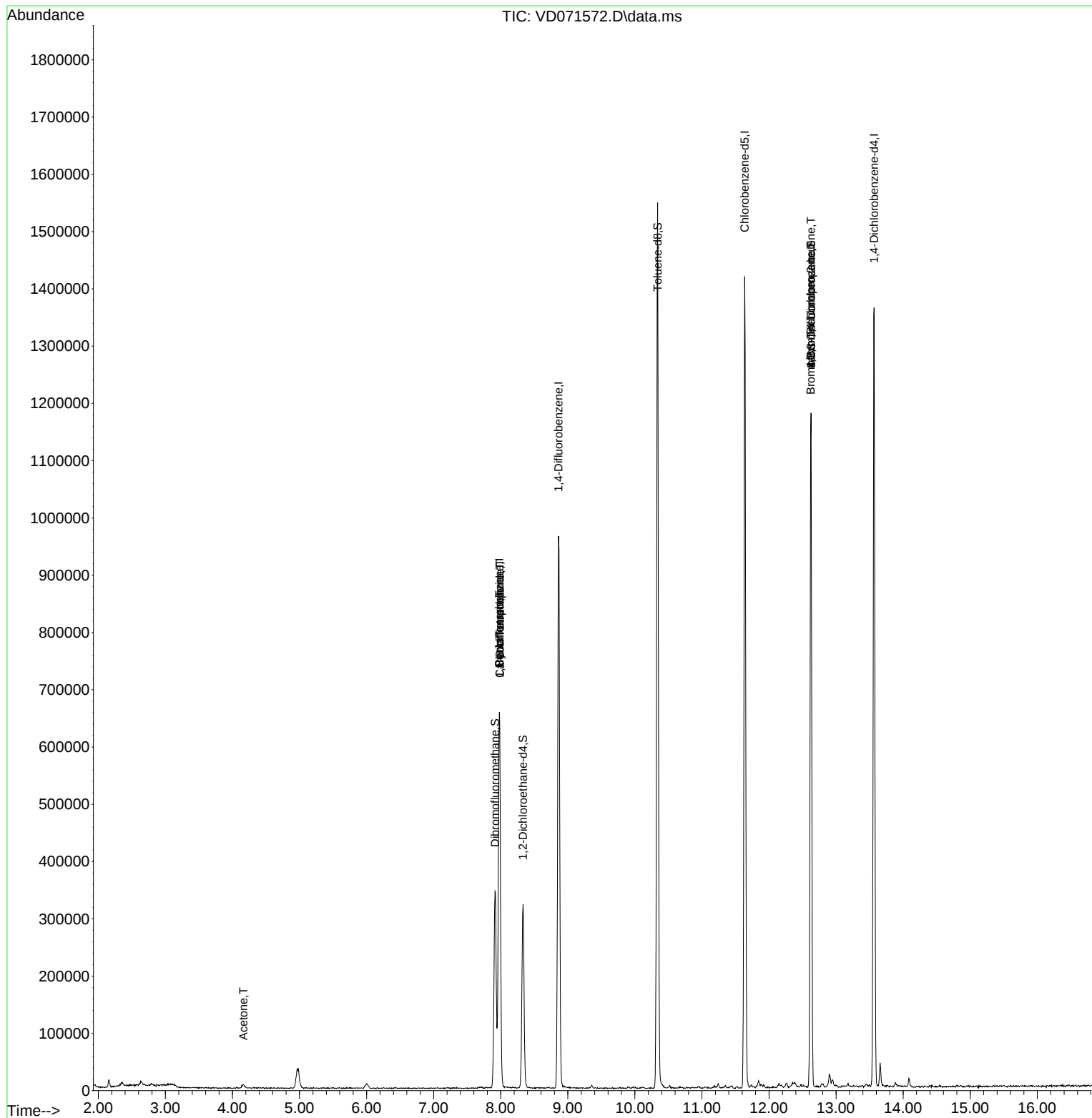
Internal Standards						
1) Pentafluorobenzene	7.979	168	462844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	746542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	341563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255784	41.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.220%
35) Dibromofluoromethane	7.914	113	243854	45.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.480%
50) Toluene-d8	10.338	98	990510	49.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.626	95	346743	48.433	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.209	59	122	Below Cal	#	71
16) Acetone	4.162	43	11304	7.321	ug/l #	83
20) Methylene Chloride	4.962	84	25426	Below Cal		85
31) Cyclohexane	7.979	56	13419	1.285	ug/l #	6
36) 1,1-Dichloropropene	7.985	75	41150	4.831	ug/l #	49
38) Carbon Tetrachloride	7.985	117	50061	5.957	ug/l #	17
71) Bromoform	12.620	173	3140	1.037	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	197283	48.611	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	197283	137.353	ug/l #	18

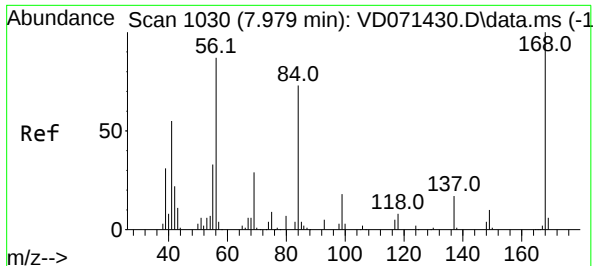
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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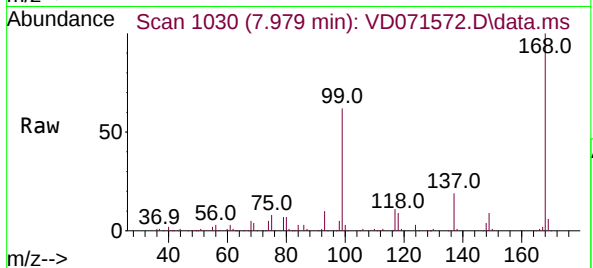
Quant Time: Jan 04 00:50:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



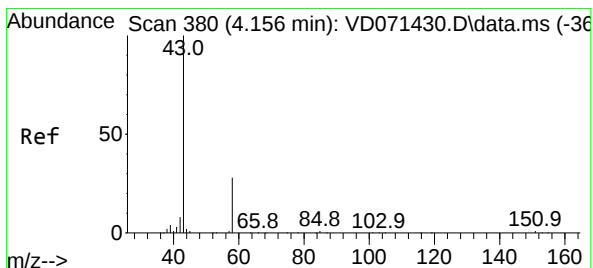
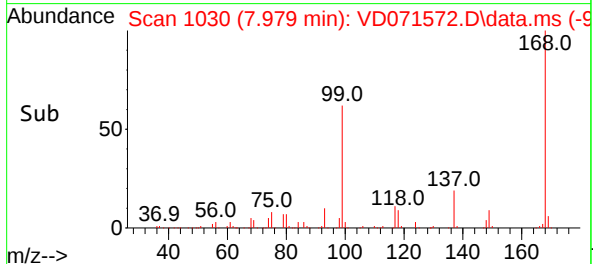
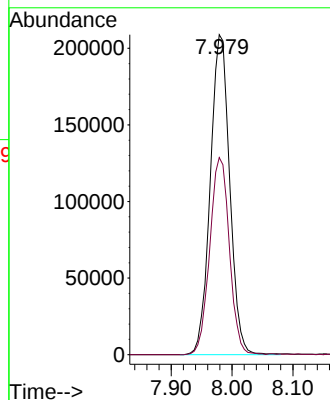


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :

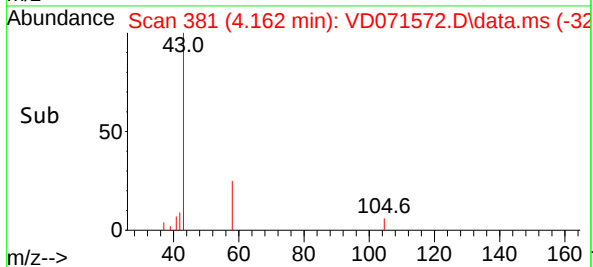
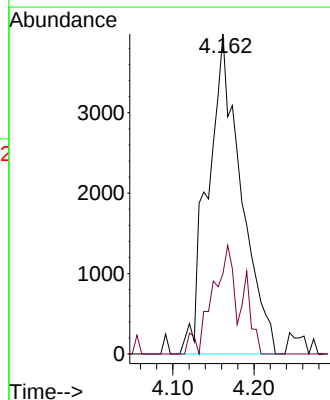
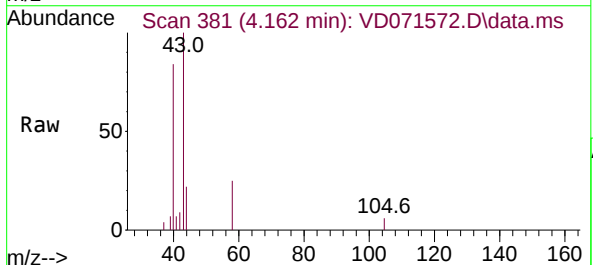


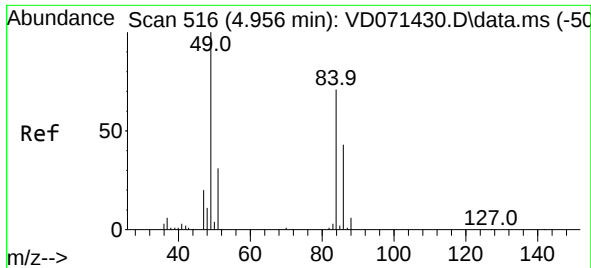
Tgt Ion:168 Resp: 462844
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#16
Acetone
Concen: 7.321 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

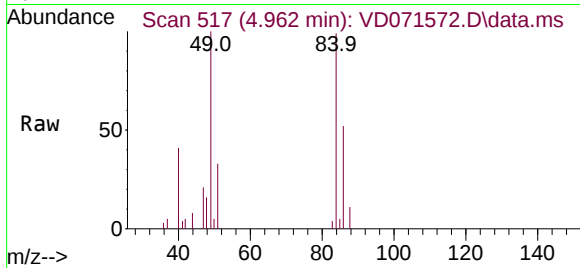
Tgt Ion: 43 Resp: 11304
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#



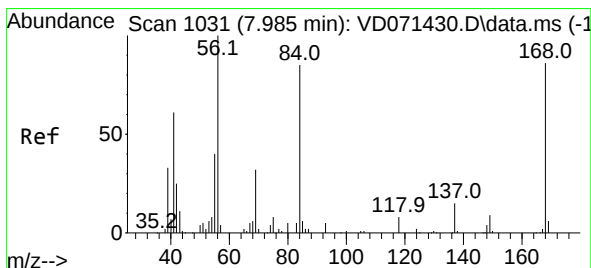
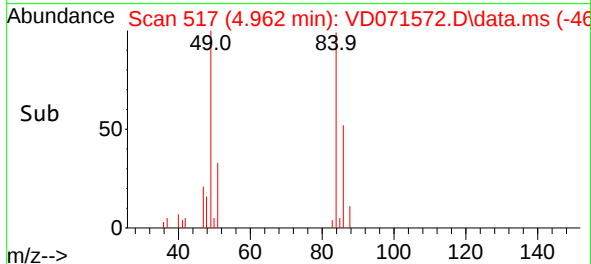
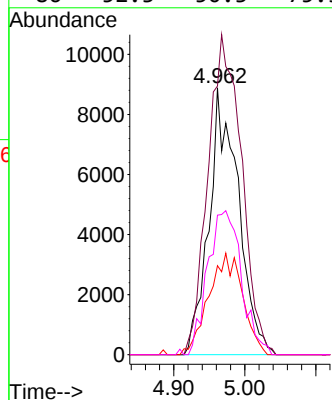


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 51
Delta R.T. 0.001 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :

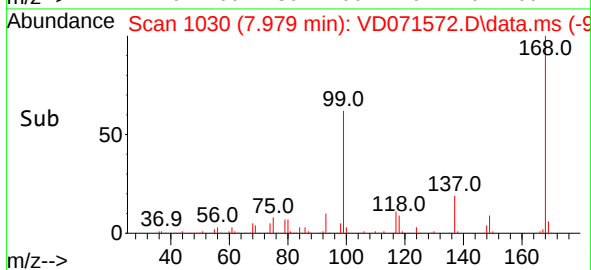
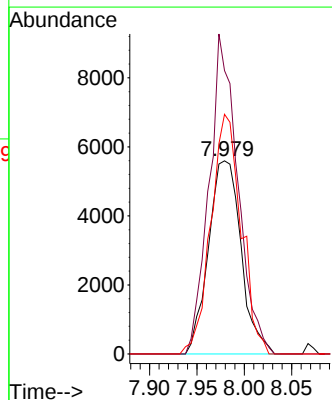
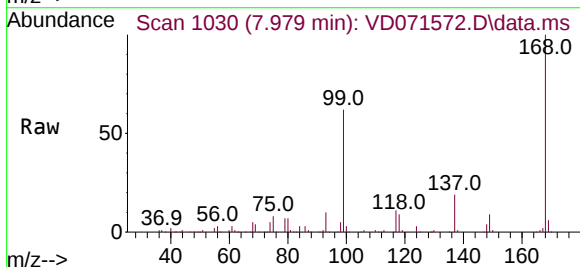


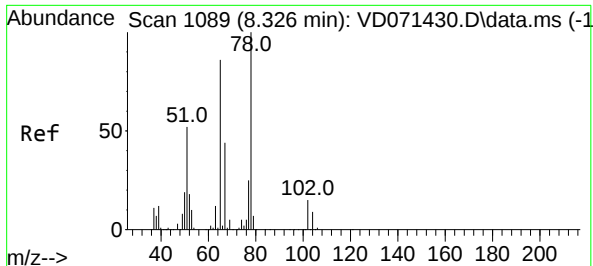
Tgt Ion:	84	Resp:	25426
Ion	Ratio	Lower	Upper
84	100		
49	100.7	95.8	143.6
51	33.3	30.9	46.3
86	52.3	50.3	75.5



#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Tgt Ion:	56	Resp:	13419
Ion	Ratio	Lower	Upper
56	100		
69	146.7	25.9	38.9#
84	124.1	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 41.611 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071572.D

Acq: 03 Jan 2022 18:08

Instrument :

MSVOA_D

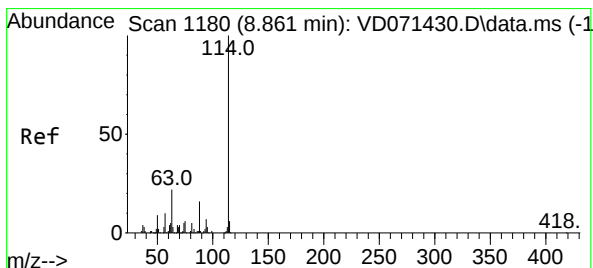
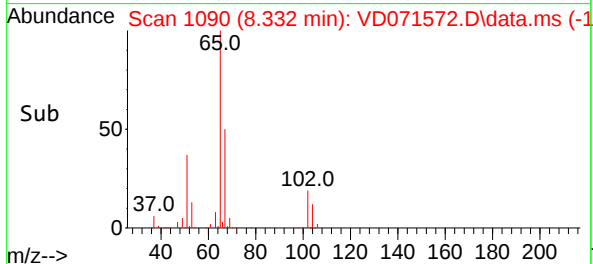
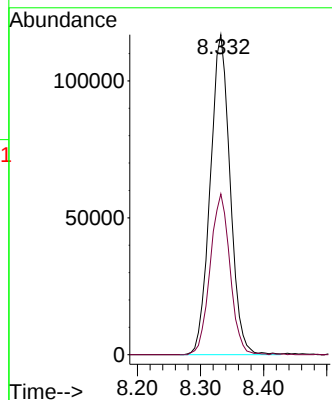
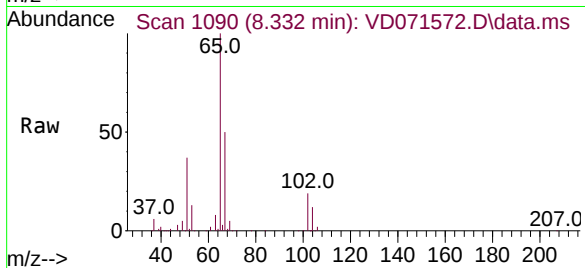
ClientSampleId :

Tgt Ion: 65 Resp: 255784

Ion Ratio Lower Upper

65 100

67 50.1 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: VD071572.D

Acq: 03 Jan 2022 18:08

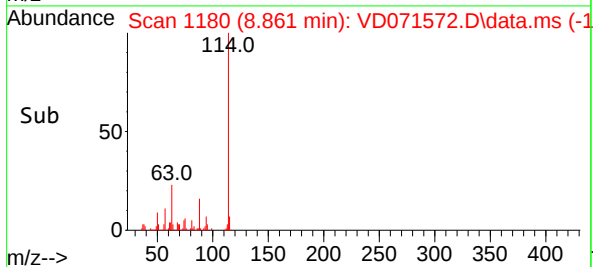
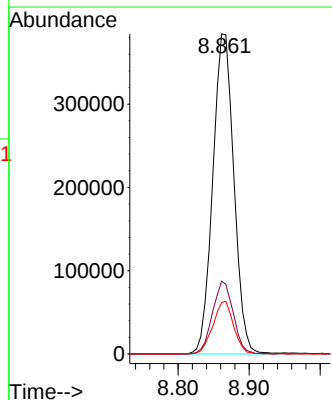
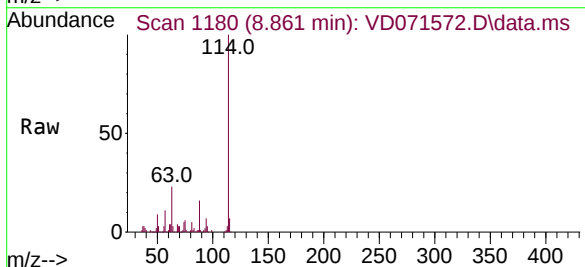
Tgt Ion: 114 Resp: 793249

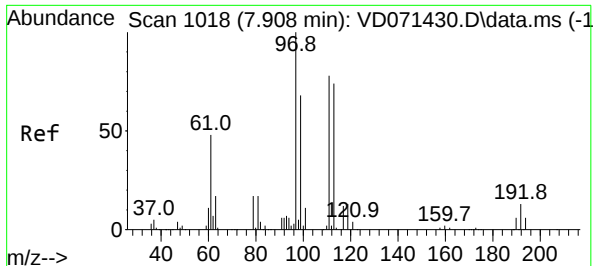
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.1 0.0 32.8

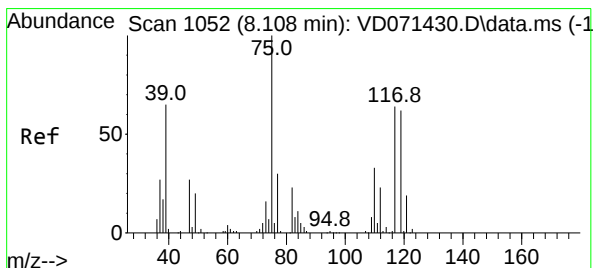
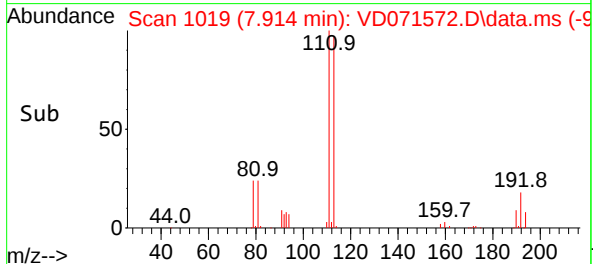
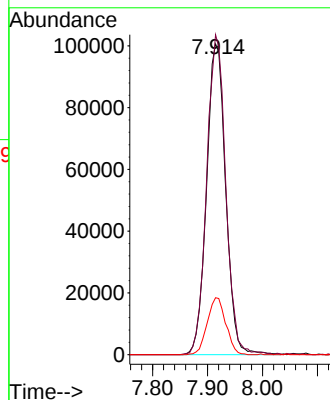
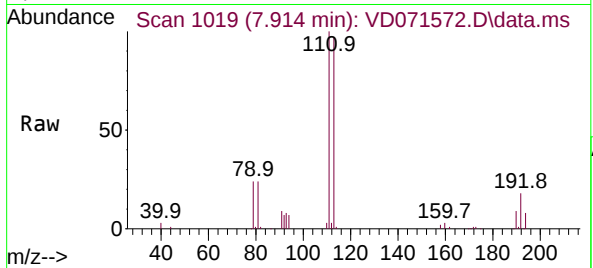




#35
Dibromofluoromethane
Concen: 45.740 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

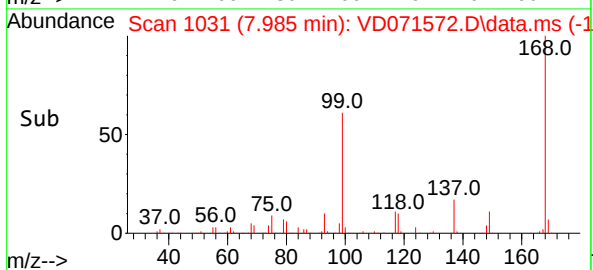
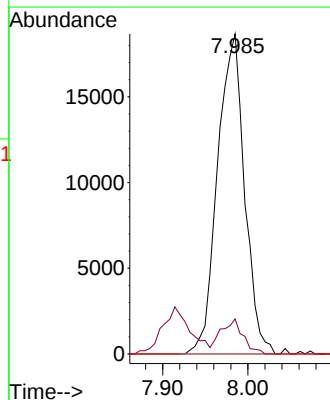
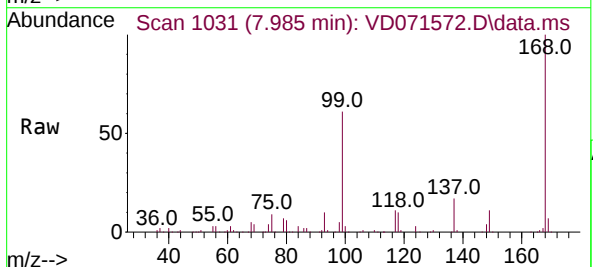
Instrument :
MSVOA_D
ClientSampleId :

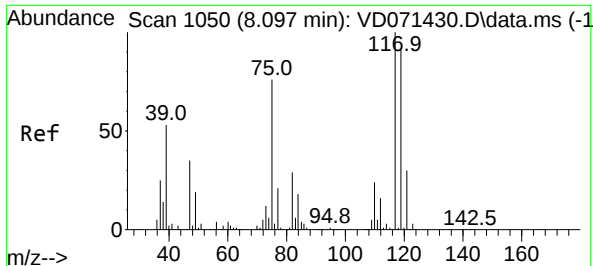
Tgt Ion:113 Resp: 243854
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 17.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.831 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

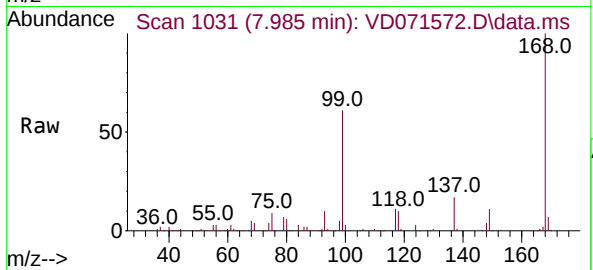
Tgt Ion: 75 Resp: 41150
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.4#
77 0.0 24.8 37.2#



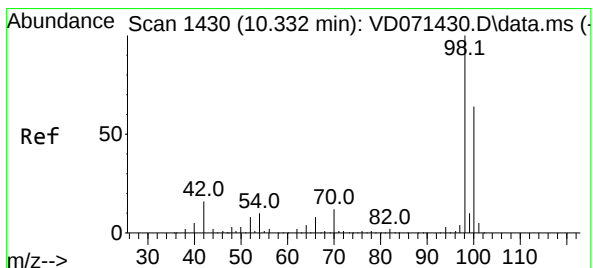
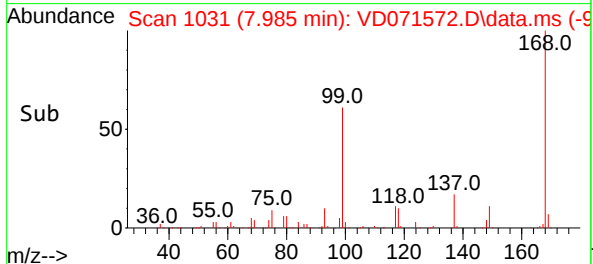
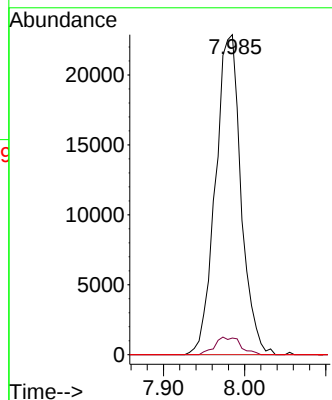


#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 7.985 min Scan# 1050
Delta R.T. -0.112 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :

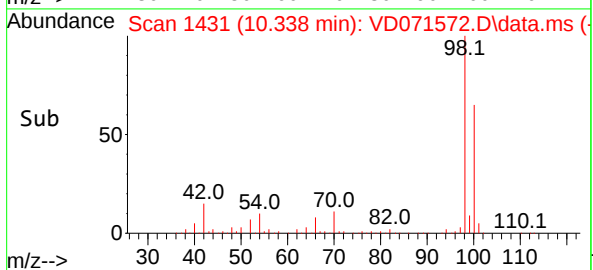
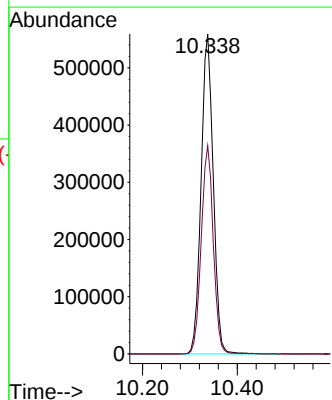
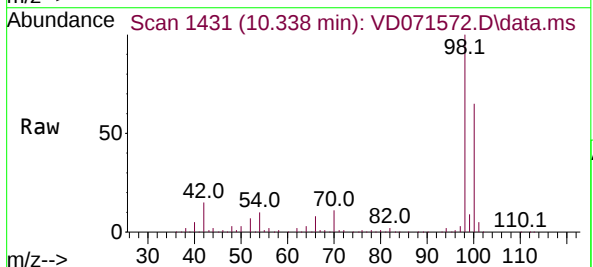


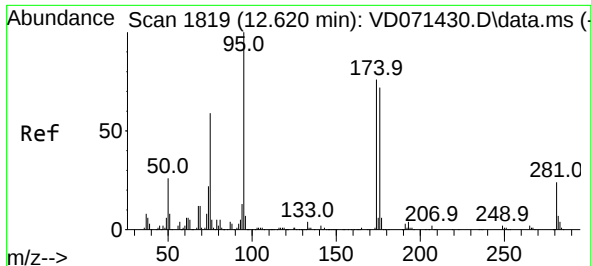
Tgt Ion:117 Resp: 50061
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.164 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Tgt Ion: 98 Resp: 990510
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

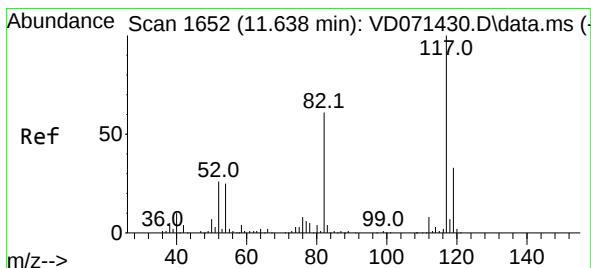
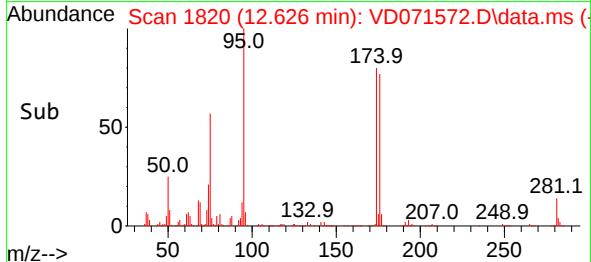
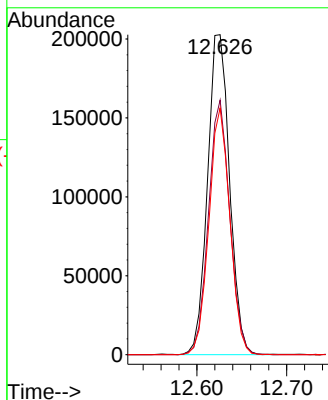
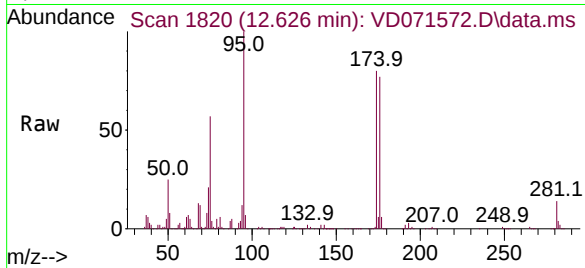




#62
4-Bromofluorobenzene
Concen: 48.433 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

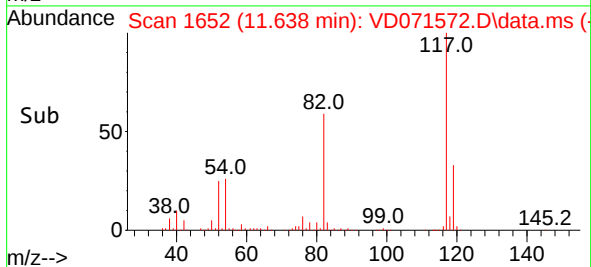
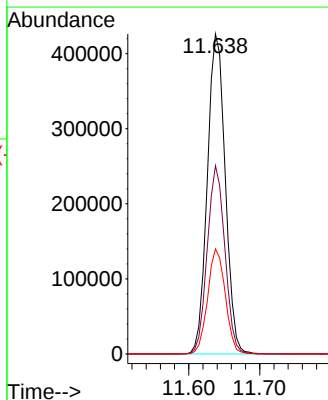
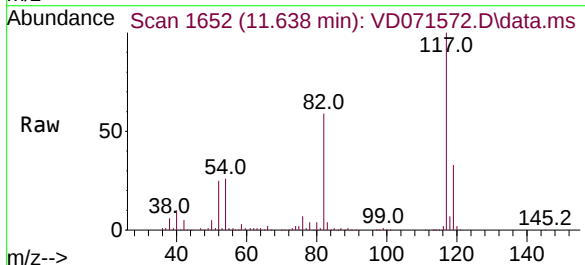
Instrument :
MSVOA_D
ClientSampleId :

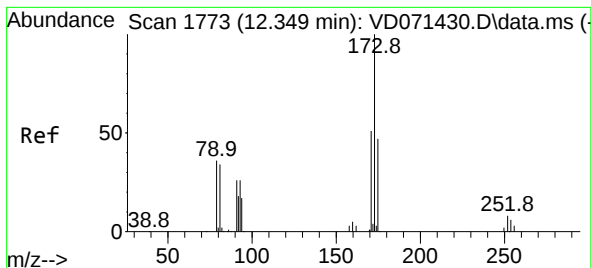
Tgt Ion: 95 Resp: 346743
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 73.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Tgt Ion: 117 Resp: 746542
Ion Ratio Lower Upper
117 100
82 58.8 44.7 67.1
119 32.9 26.2 39.4





#71

Bromoform

Concen: 1.037 ug/l

RT: 12.620 min Scan# 11

Delta R.T. 0.271 min

Lab File: VD071572.D

Acq: 03 Jan 2022 18:08

Instrument :

MSVOA_D

ClientSampleId :

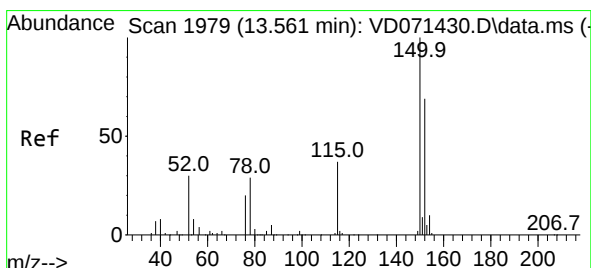
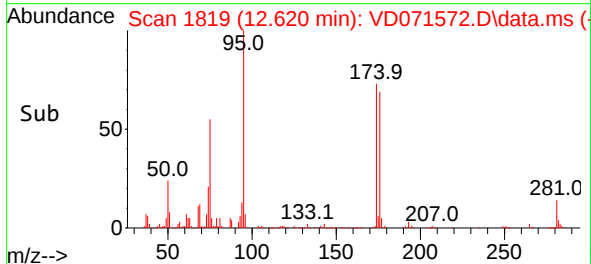
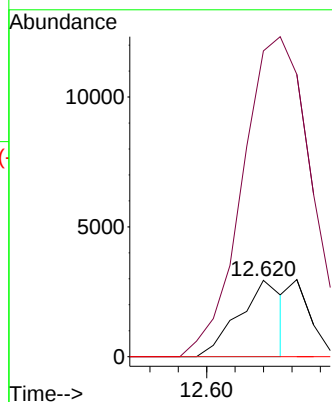
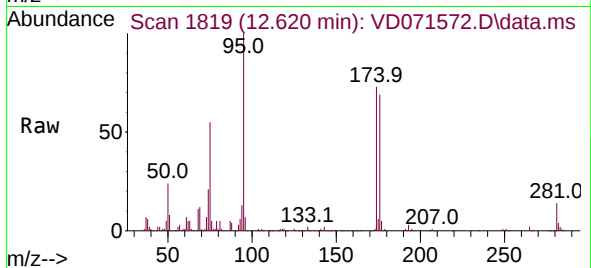
Tgt Ion:173 Resp: 3140

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VD071572.D

Acq: 03 Jan 2022 18:08

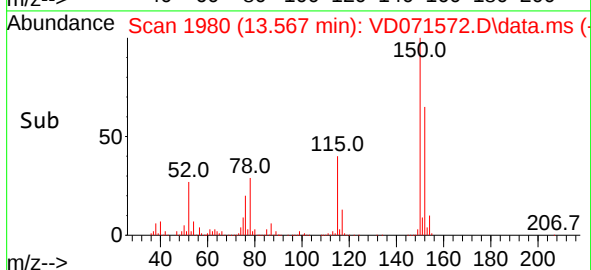
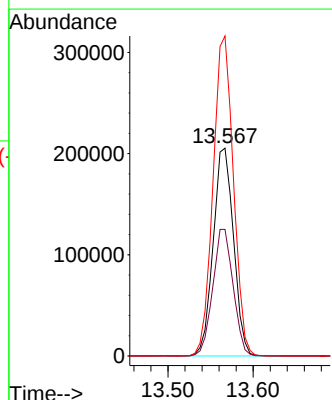
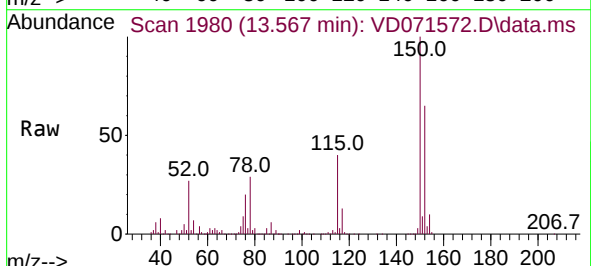
Tgt Ion:152 Resp: 341563

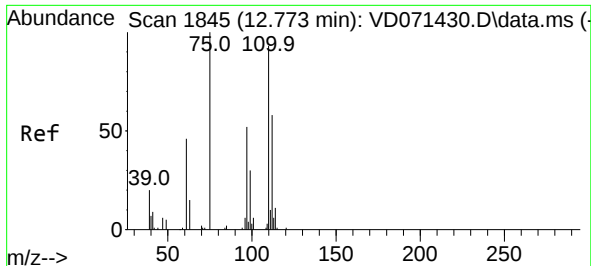
Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

150 153.6 0.0 349.2

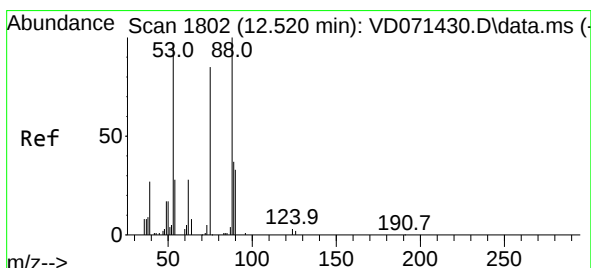
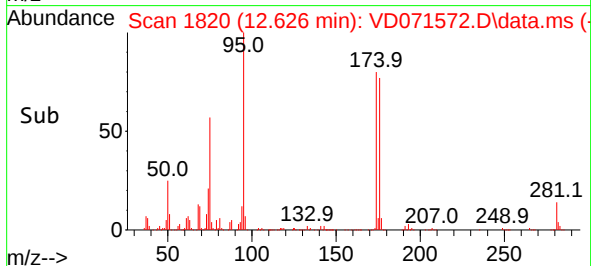
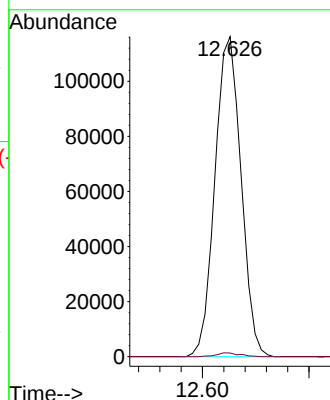
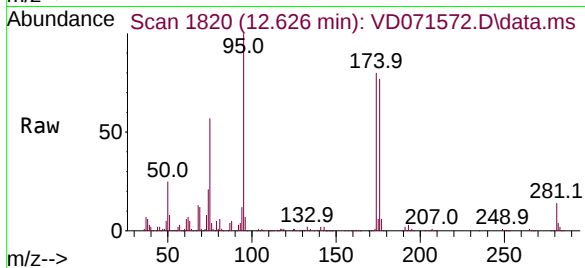




#76
1,2,3-Trichloropropane
Concen: 48.611 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 197283
Ion Ratio Lower Upper
75 100
77 1.1 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.353 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071572.D
Acq: 03 Jan 2022 18:08

Tgt Ion: 75 Resp: 197283
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.1 34.5 51.7#

