

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071577.D
 Acq On : 03 Jan 2022 20:26
 Operator : VA/SY
 Sample : M5196-20
 Misc : 6.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:51:38 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)

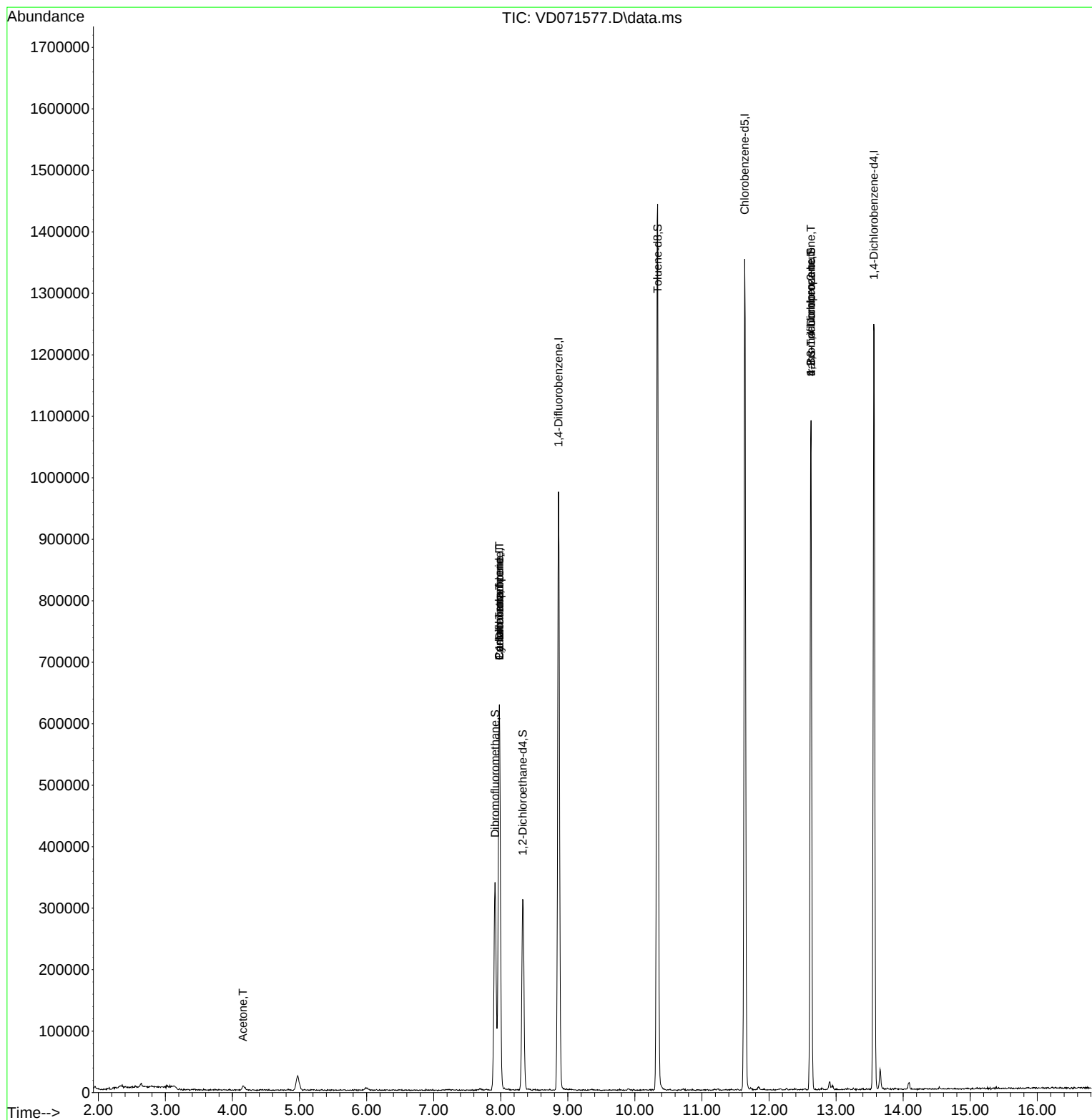
Internal Standards						
1) Pentafluorobenzene	7.979	168	439525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	756273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	690662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	304217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250217	42.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.740%
35) Dibromofluoromethane	7.914	113	231937	45.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.260%
50) Toluene-d8	10.338	98	948463	49.379	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.626	95	310784	45.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.215	59	540	Below Cal	#	71
16) Acetone	4.156	43	12166	8.298	ug/l #	79
20) Methylene Chloride	4.973	84	15029	Below Cal	#	73
31) Cyclohexane	7.979	56	13023	1.313	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	40351	4.969	ug/l #	49
38) Carbon Tetrachloride	7.979	117	48362	6.037	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	178479	49.377	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	178479	139.515	ug/l #	18

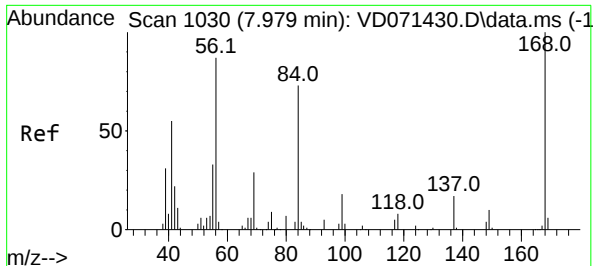
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
Data File : VD071577.D
Acq On : 03 Jan 2022 20:26
Operator : VA/SY
Sample : M5196-20
Misc : 6.87G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

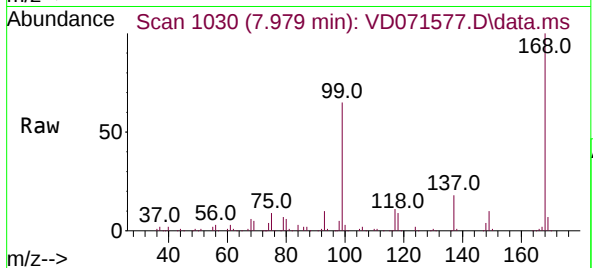
Quant Time: Jan 04 00:51:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



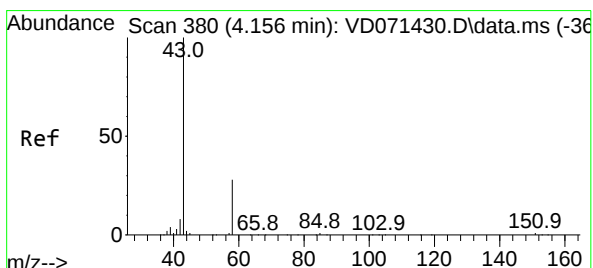
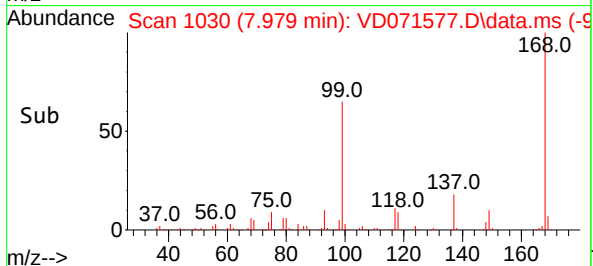
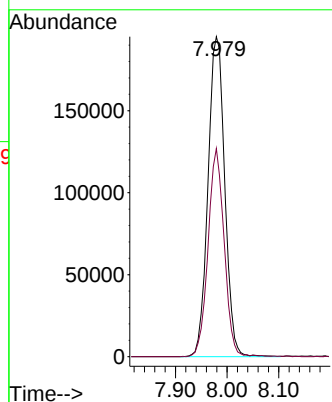


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Instrument :
MSVOA_D
ClientSampleId :

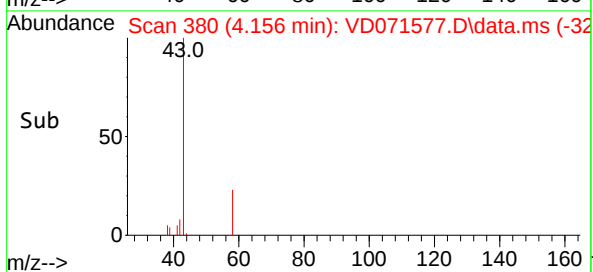
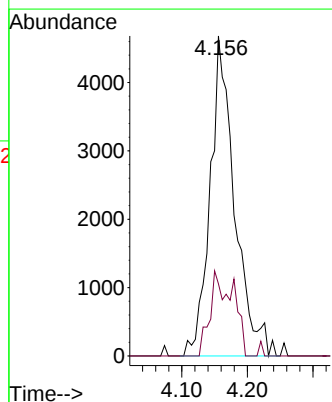
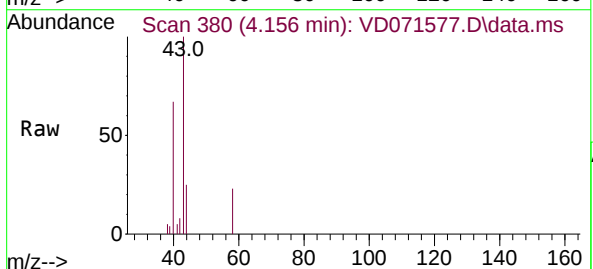


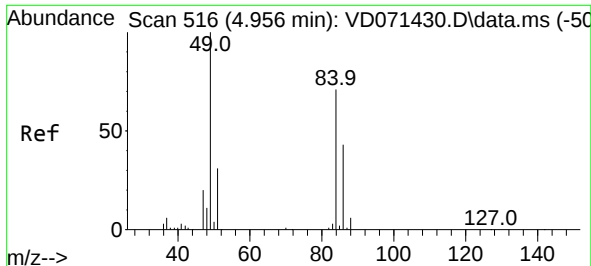
Tgt Ion:168 Resp: 439525
Ion Ratio Lower Upper
168 100
99 65.0 46.6 69.8



#16
Acetone
Concen: 8.298 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

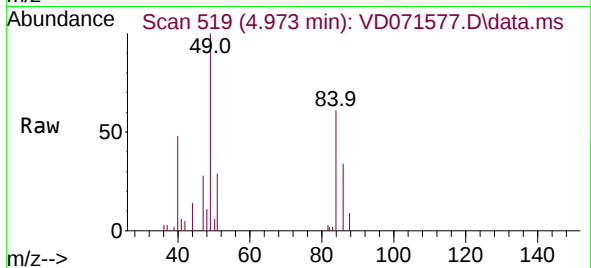
Tgt Ion: 43 Resp: 12166
Ion Ratio Lower Upper
43 100
58 22.5 27.8 41.8#



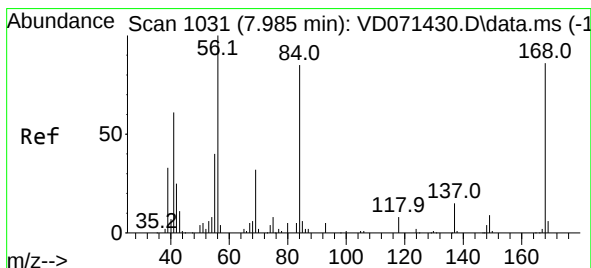
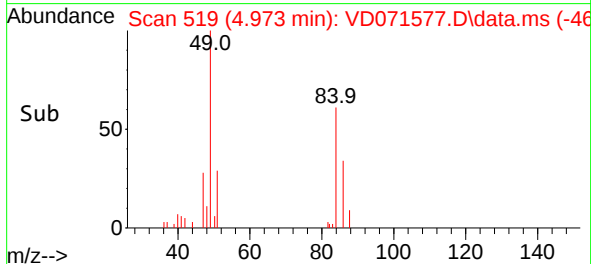
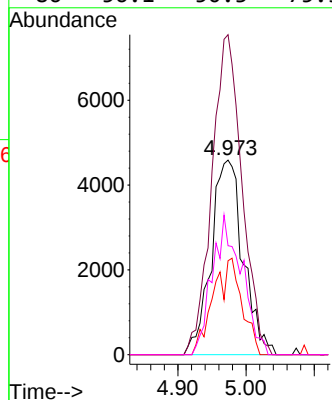


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Instrument :
MSVOA_D
ClientSampleId :

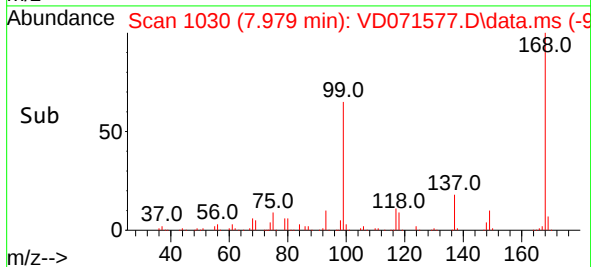
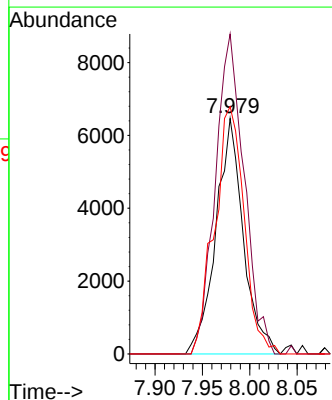
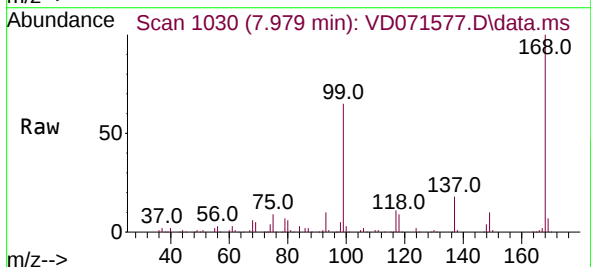


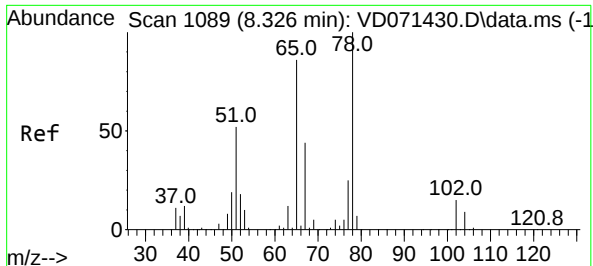
Tgt Ion:	84	Resp:	15029
Ion	Ratio	Lower	Upper
84	100		
49	164.5	95.8	143.6#
51	48.3	30.9	46.3#
86	56.1	50.3	75.5



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Tgt Ion:	56	Resp:	13023
Ion	Ratio	Lower	Upper
56	100		
69	135.8	25.9	38.9#
84	105.0	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 42.865 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071577.D

Acq: 03 Jan 2022 20:26

Instrument :

MSVOA_D

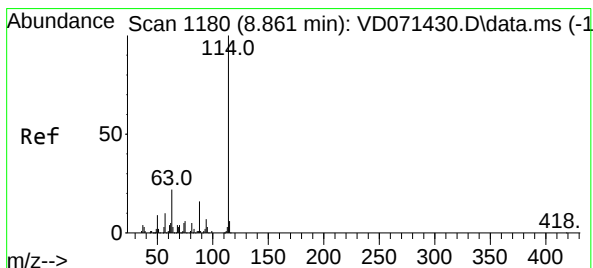
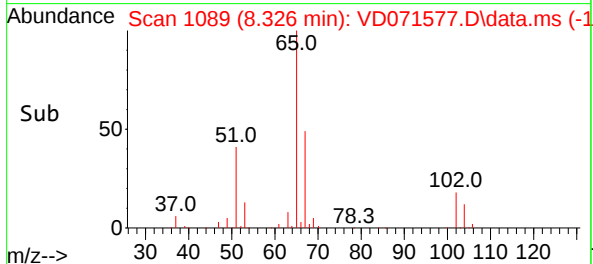
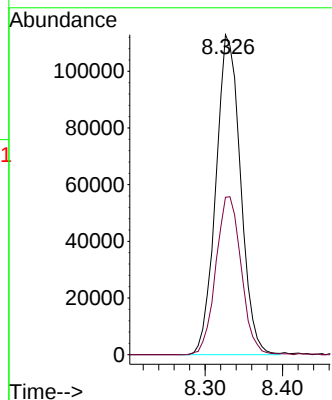
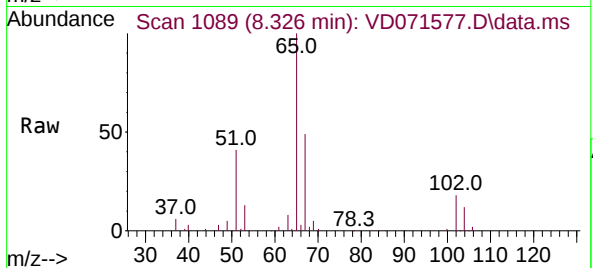
ClientSampleId :

Tgt Ion: 65 Resp: 250217

Ion Ratio Lower Upper

65 100

67 50.9 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: VD071577.D

Acq: 03 Jan 2022 20:26

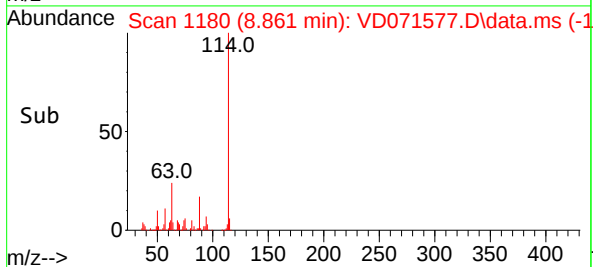
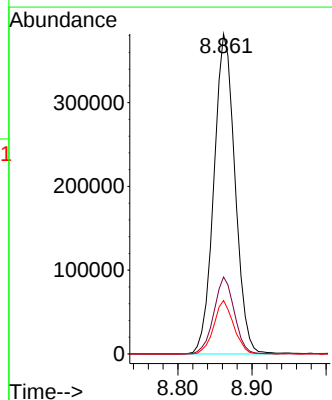
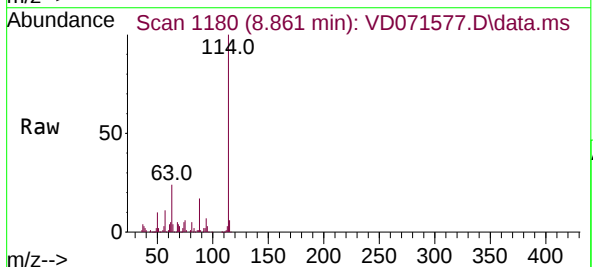
Tgt Ion: 114 Resp: 756273

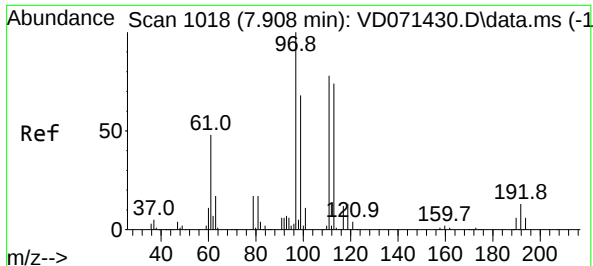
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.632 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

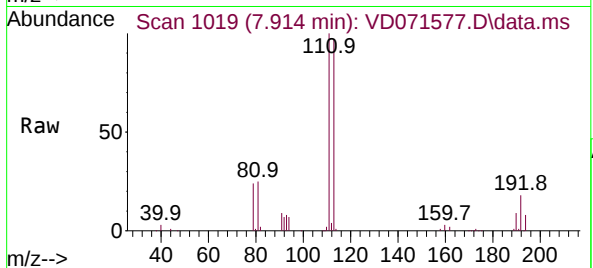
Lab File: VD071577.D

Acq: 03 Jan 2022 20:26

Instrument :

MSVOA_D

ClientSampleId :



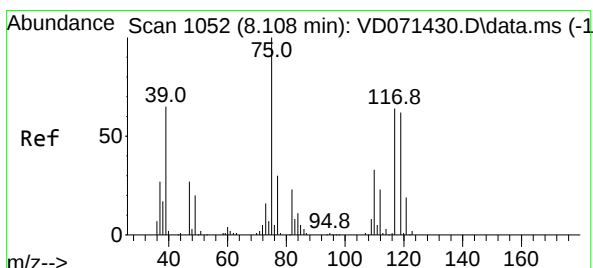
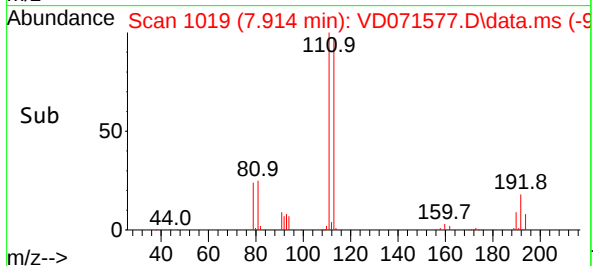
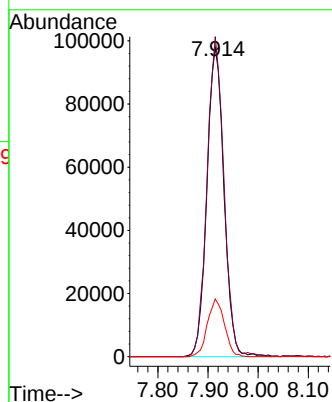
Tgt Ion:113 Resp: 231937

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 18.6 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.969 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD071577.D

Acq: 03 Jan 2022 20:26

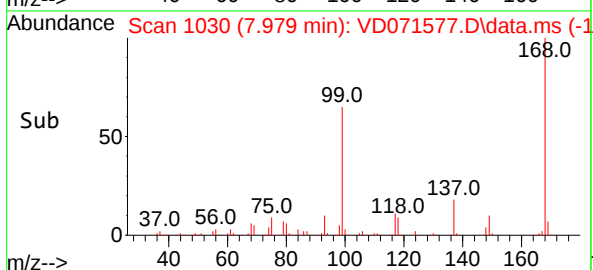
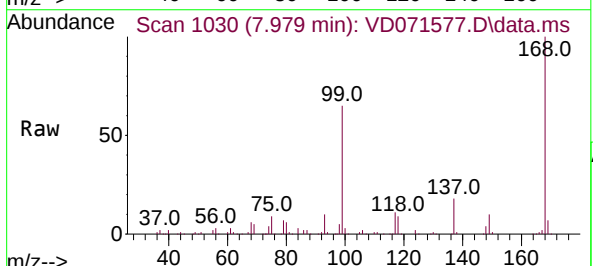
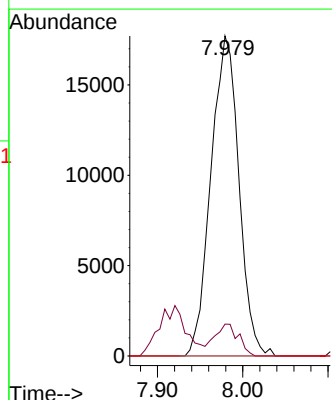
Tgt Ion: 75 Resp: 40351

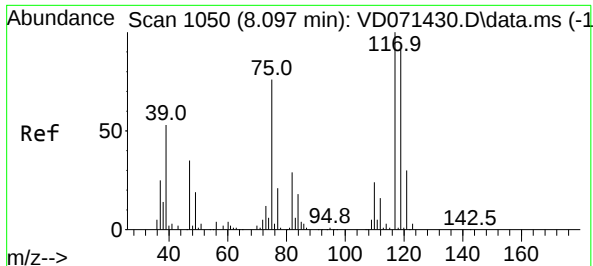
Ion Ratio Lower Upper

75 100

110 8.4 17.8 53.4#

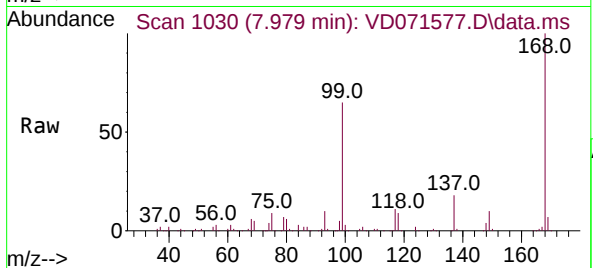
77 0.0 24.8 37.2#



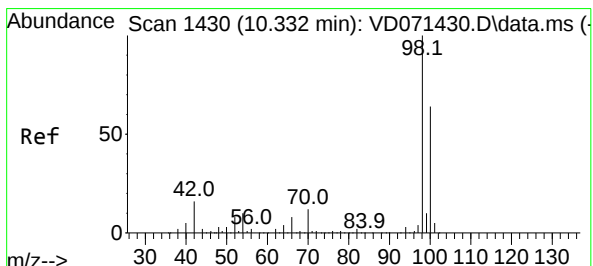
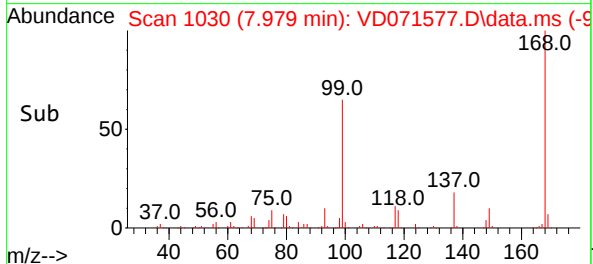
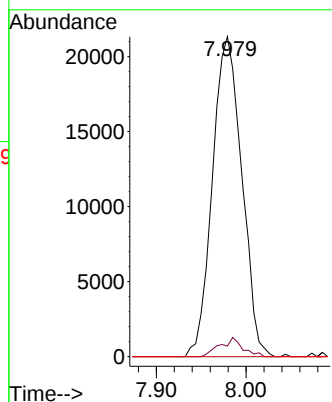


#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Instrument :
MSVOA_D
ClientSampleId :

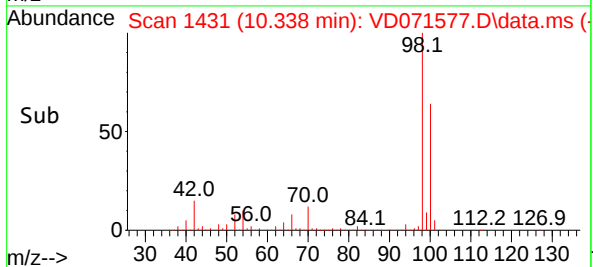
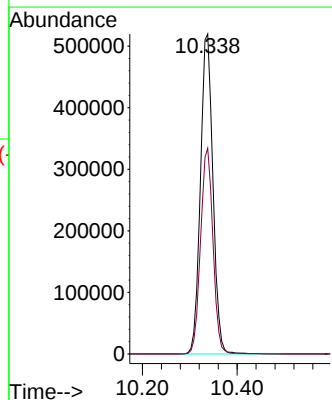
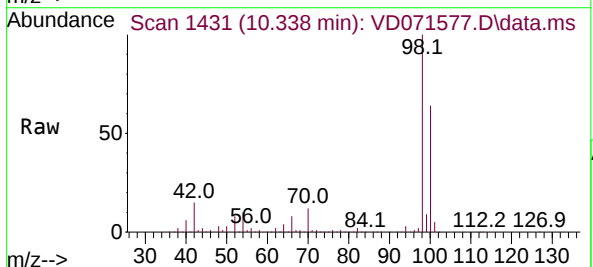


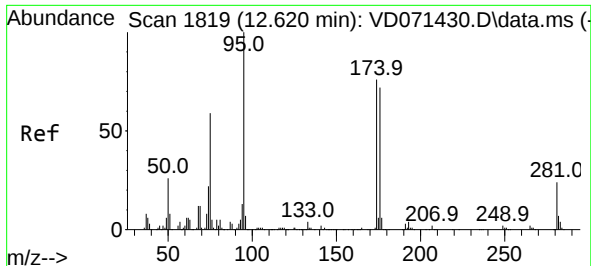
Tgt Ion:117 Resp: 48362
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Tgt Ion: 98 Resp: 948463
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

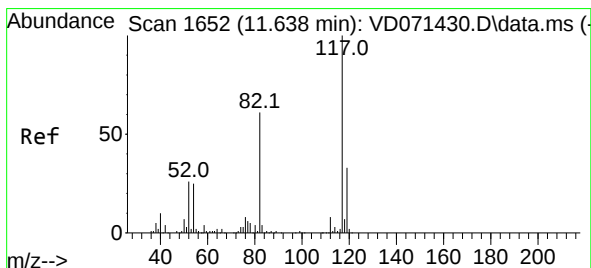
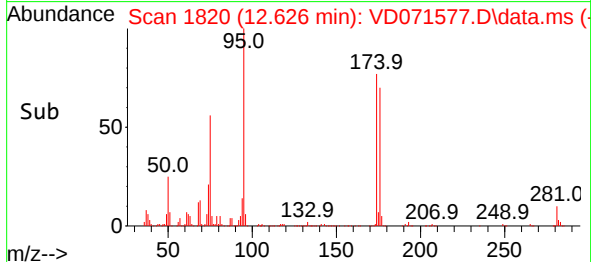
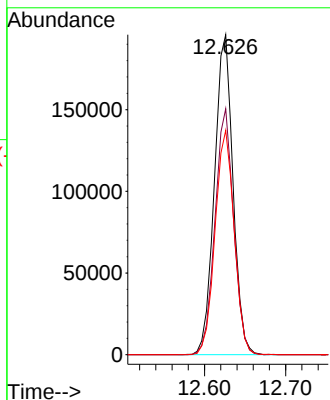
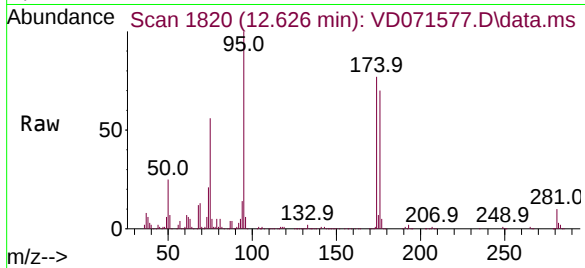




#62
4-Bromofluorobenzene
Concen: 45.533 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

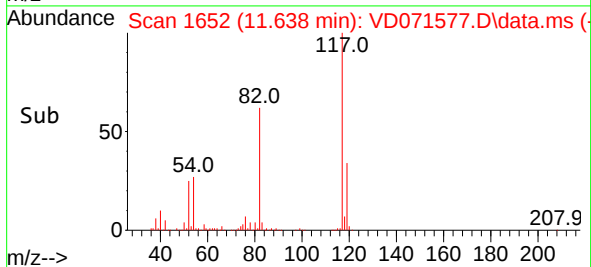
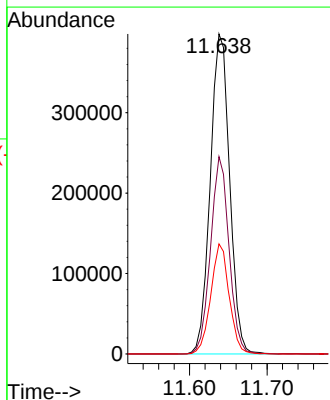
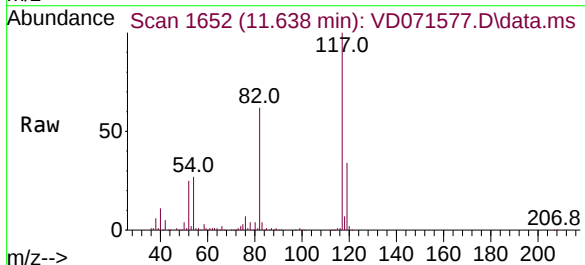
Instrument :
MSVOA_D
ClientSampleId :

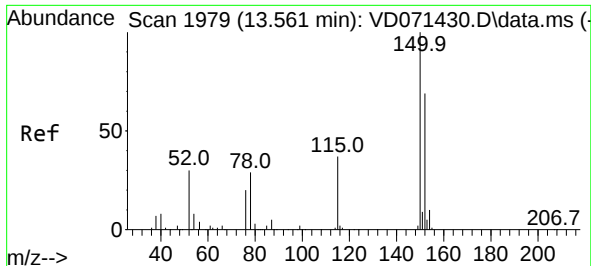
Tgt Ion: 95 Resp: 310784
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 72.4 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Tgt Ion:117 Resp: 690662
Ion Ratio Lower Upper
117 100
82 61.6 44.7 67.1
119 34.4 26.2 39.4

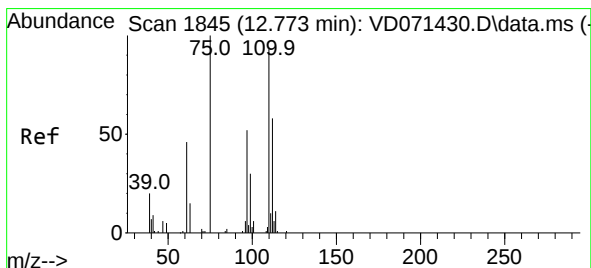
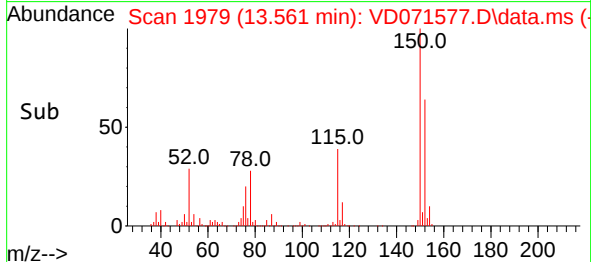
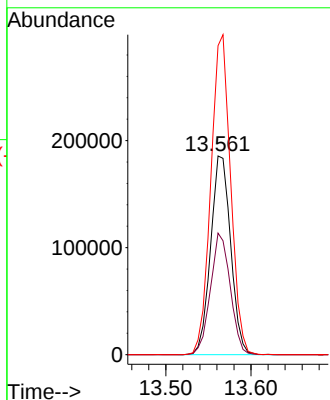
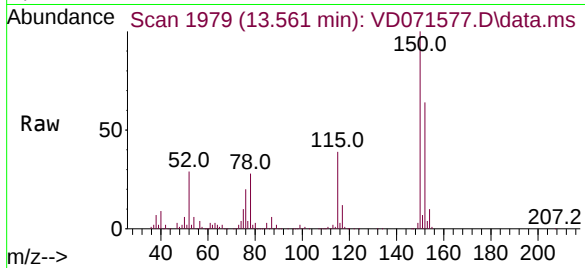




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1799
 Delta R.T. 0.000 min
 Lab File: VD071577.D
 Acq: 03 Jan 2022 20:26

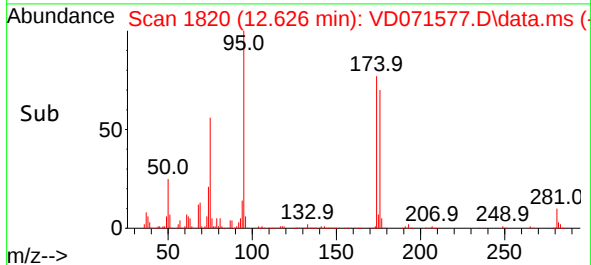
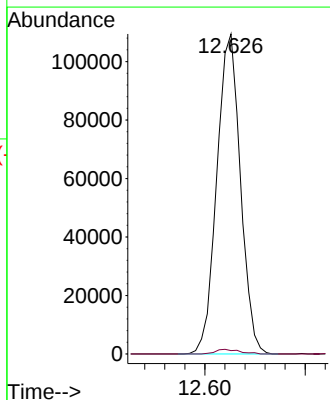
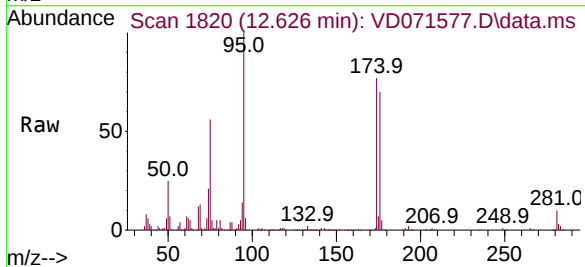
Instrument :
 MSVOA_D
 ClientSampleId :

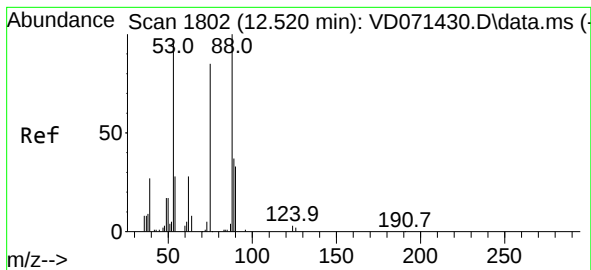
Tgt Ion:152 Resp: 304217
 Ion Ratio Lower Upper
 152 100
 115 60.4 29.8 89.3
 150 158.4 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 49.377 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071577.D
 Acq: 03 Jan 2022 20:26

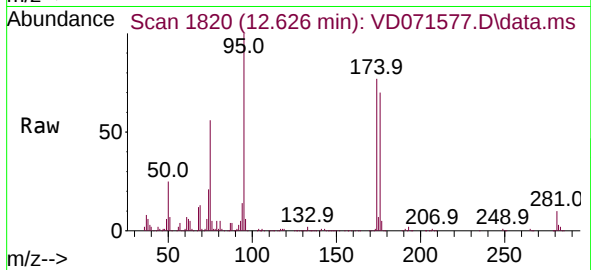
Tgt Ion: 75 Resp: 178479
 Ion Ratio Lower Upper
 75 100
 77 1.5 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.515 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071577.D
 Acq: 03 Jan 2022 20:26

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 178479
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.1 34.5 51.7#

