

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071709.D
 Acq On : 13 Jan 2022 14:50
 Operator : VA/SY
 Sample : N1106-12RE
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-A4-A41-01-6

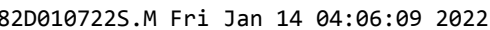
Quant Time: Jan 14 04:06:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

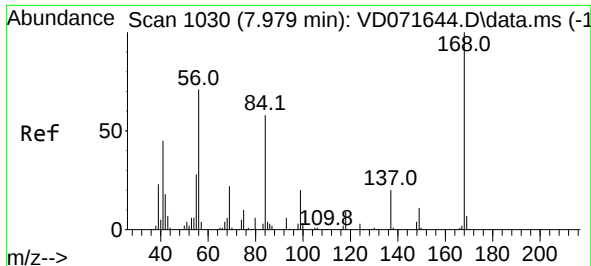
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	358534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	571799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220345	47.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.520%
35) Dibromofluoromethane	7.914	113	202700	47.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.300%
50) Toluene-d8	10.332	98	818165	51.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.620	95	245677	43.786	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	581	Below Cal	#	68
3) Chloromethane	2.215	50	1322	Below Cal	#	83
5) Bromomethane	2.768	94	1874	Below Cal	#	76
11) Tert butyl alcohol	5.179	59	3831	Below Cal	#	75
16) Acetone	4.173	43	3421	3.212 ug/l	#	75
18) Methyl Acetate	4.673	43	63	Below Cal	#	56
20) Methylene Chloride	4.962	84	6922	Below Cal		92
29) Tetrahydrofuran	7.550	42	786	1.086 ug/l	#	53
31) Cyclohexane	7.979	56	11585	2.123 ug/l	#	43
38) Carbon Tetrachloride	7.979	117	39589	6.443 ug/l	#	18
41) Methacrylonitrile	7.526	41	55	1.161 ug/l	#	25
49) 1,4-Dioxane	9.308	88	56	2.415 ug/l	#	7
71) Bromoform	12.620	173	2581	1.274 ug/l	#	1
76) 1,2,3-Trichloropropane	12.620	75	143809	62.032 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	143809	172.936 ug/l	#	3

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

Quant Time: Jan 14 04:06:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
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Response via : Initial Calibration

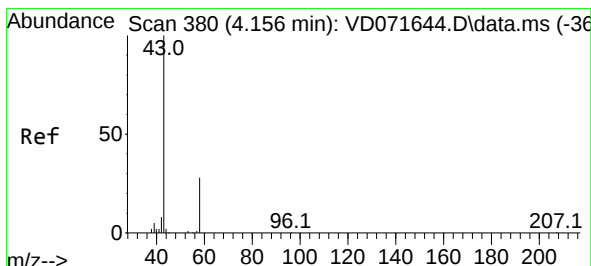
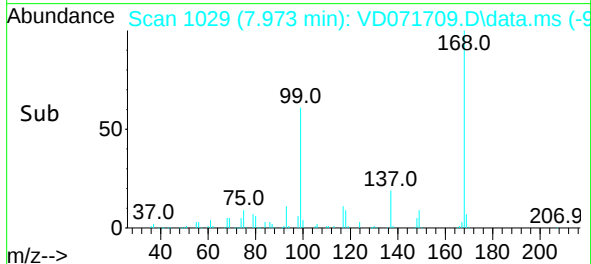
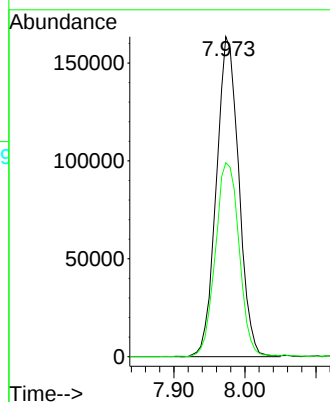
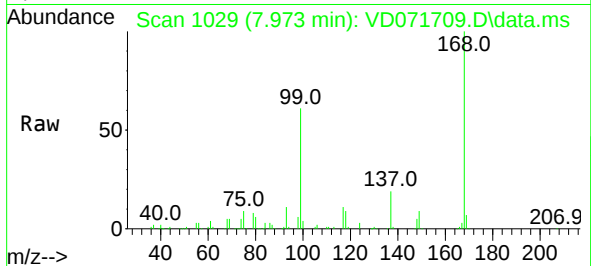




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

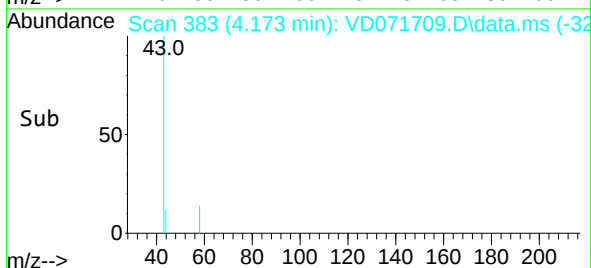
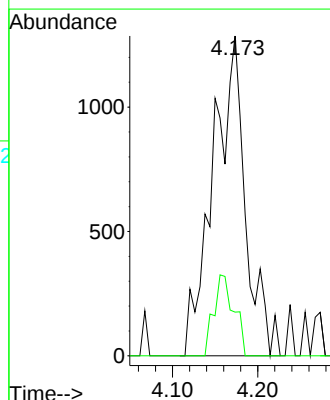
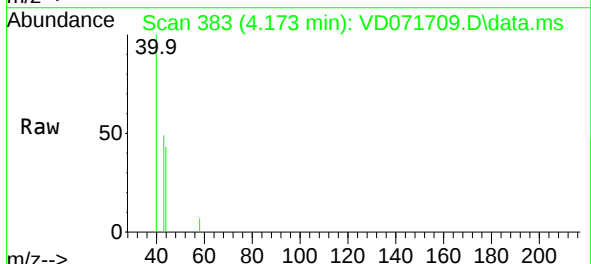
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

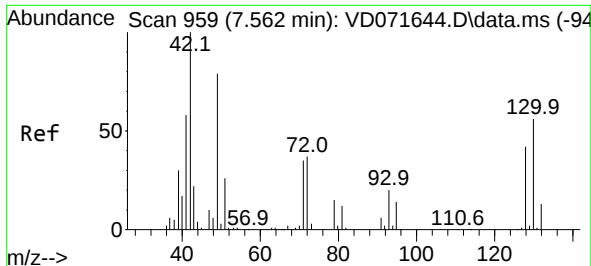
Tgt Ion:168 Resp: 358534
Ion Ratio Lower Upper
168 100
99 60.4 51.8 77.6



#16
Acetone
Concen: 3.212 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
43 100
58 13.7 21.0 31.6#





#29

Tetrahydrofuran

Concen: 1.086 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.011 min

Lab File: VD071709.D

Acq: 13 Jan 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SO-A4-A41-01-6

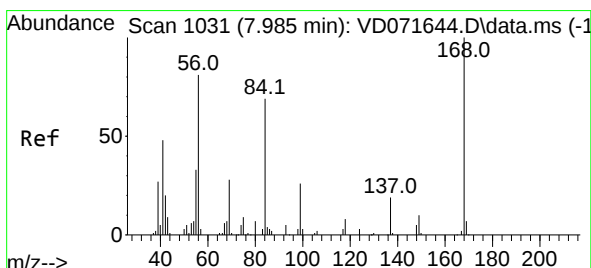
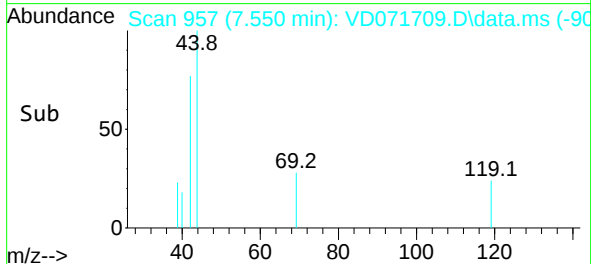
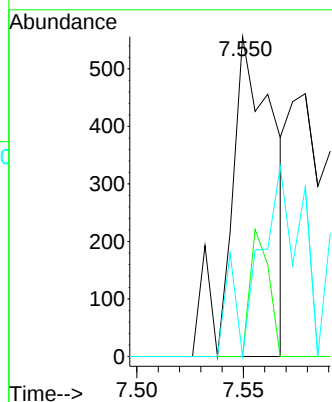
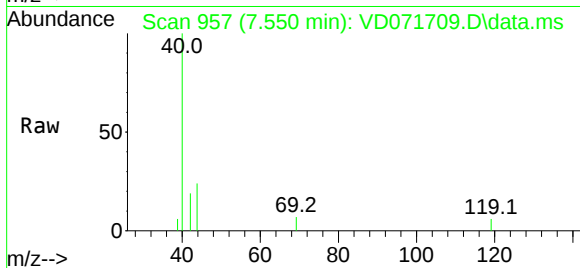
Tgt Ion: 42 Resp: 786

Ion Ratio Lower Upper

42 100

72 17.0 29.6 44.4#

71 69.7 27.3 40.9#



#31

Cyclohexane

Concen: 2.123 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.011 min

Lab File: VD071709.D

Acq: 13 Jan 2022 14:50

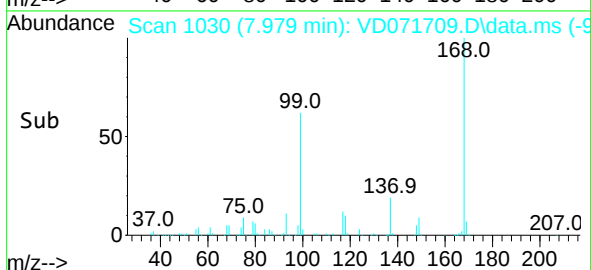
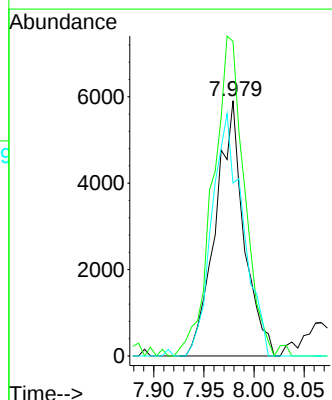
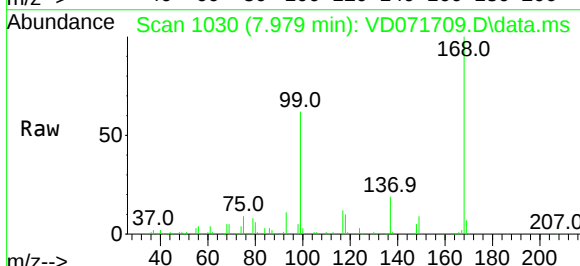
Tgt Ion: 56 Resp: 11585

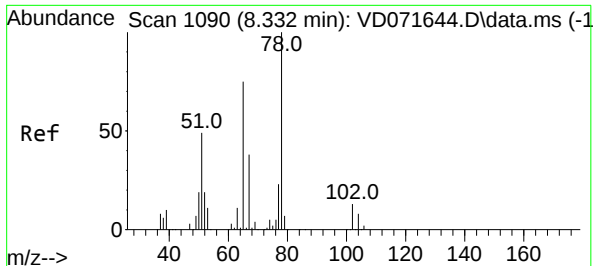
Ion Ratio Lower Upper

56 100

69 120.3 21.7 32.5#

84 67.8 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 47.763 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071709.D

Acq: 13 Jan 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

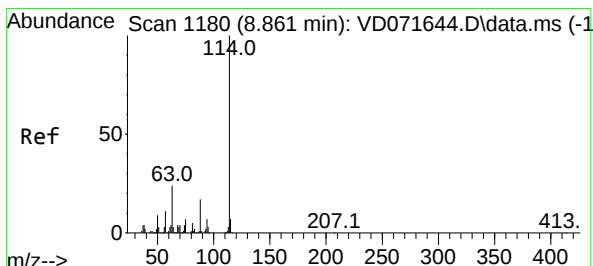
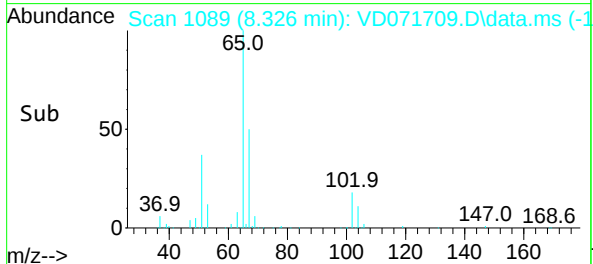
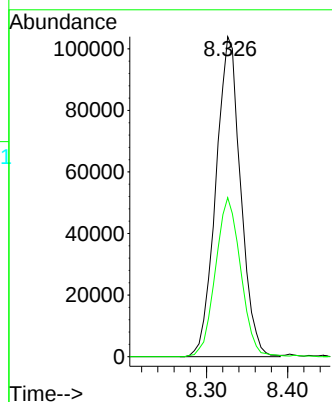
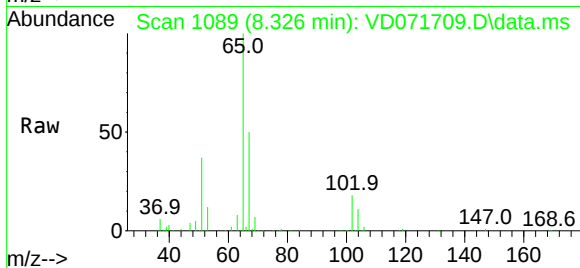
SO-A4-A41-01-6

Tgt Ion: 65 Resp: 220345

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071709.D

Acq: 13 Jan 2022 14:50

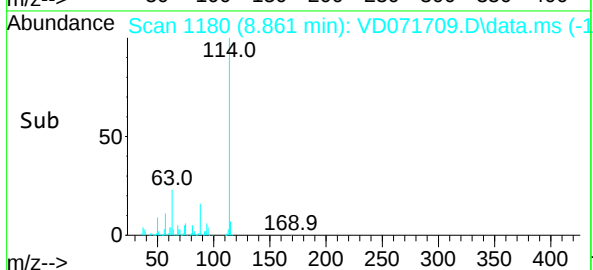
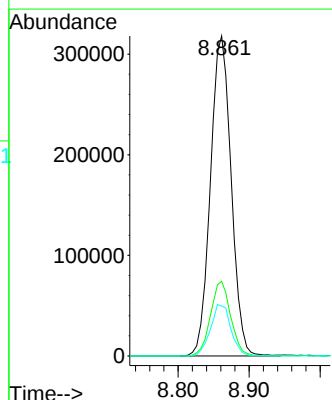
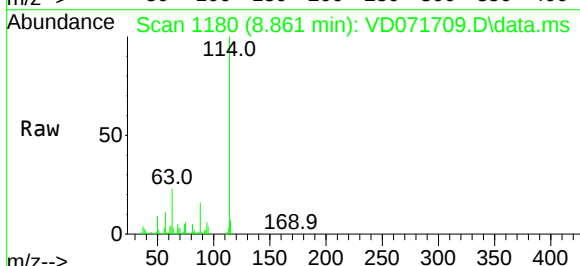
Tgt Ion: 114 Resp: 643650

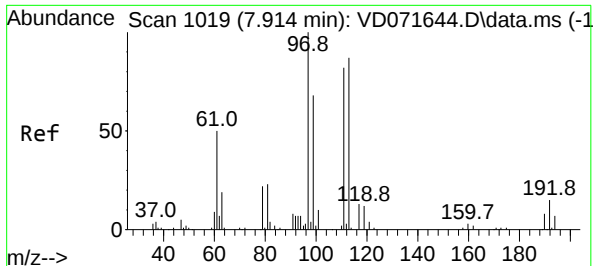
Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.2

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.652 ug/l

RT: 7.914 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071709.D

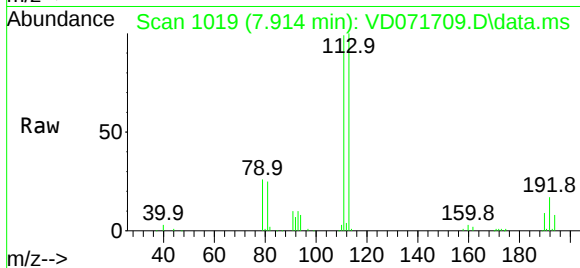
Acq: 13 Jan 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

SO-A4-A41-01-6



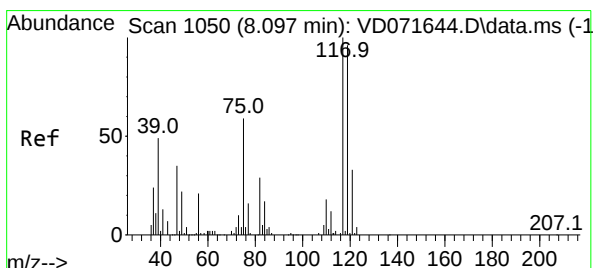
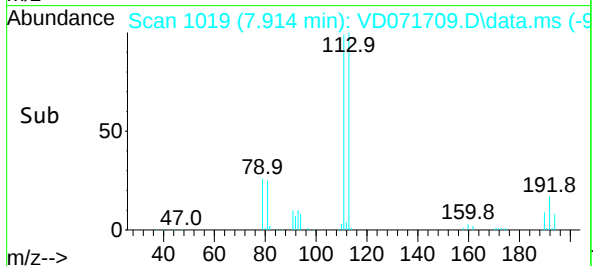
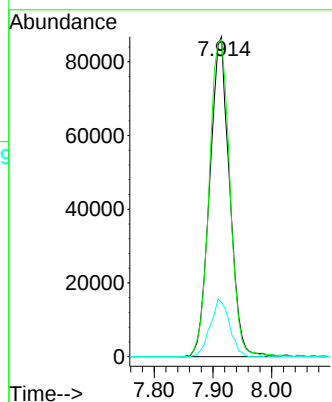
Tgt Ion:113 Resp: 202700

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 17.6 14.2 21.2



#38

Carbon Tetrachloride

Concen: 6.443 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

Lab File: VD071709.D

Acq: 13 Jan 2022 14:50

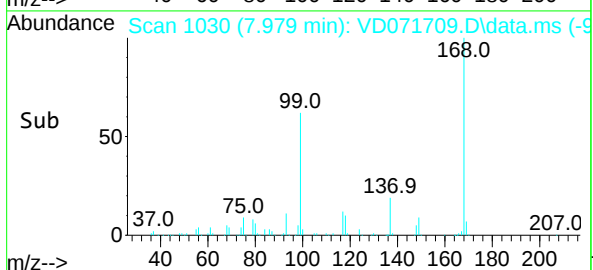
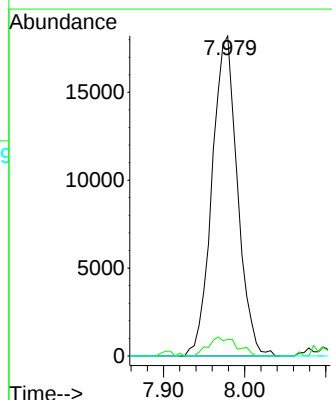
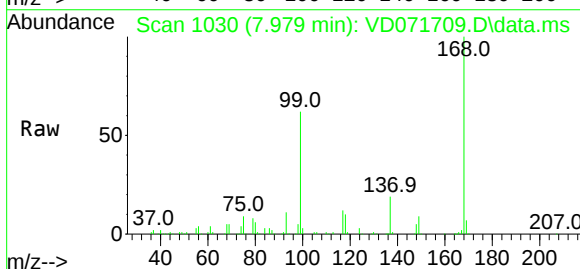
Tgt Ion:117 Resp: 39589

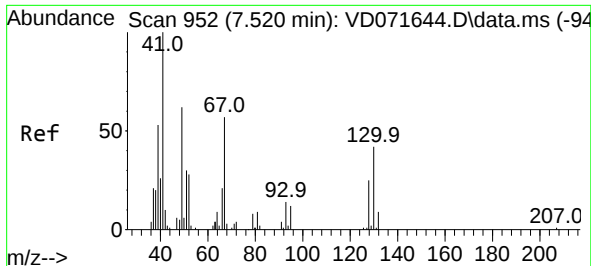
Ion Ratio Lower Upper

117 100

119 5.2 73.4 110.2#

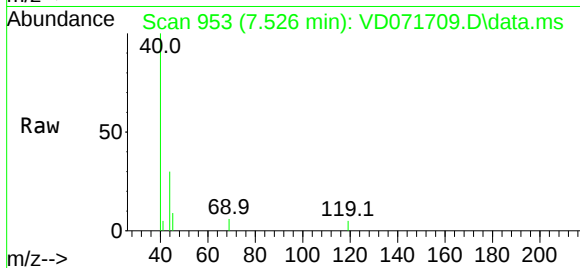
121 0.0 23.9 35.9#



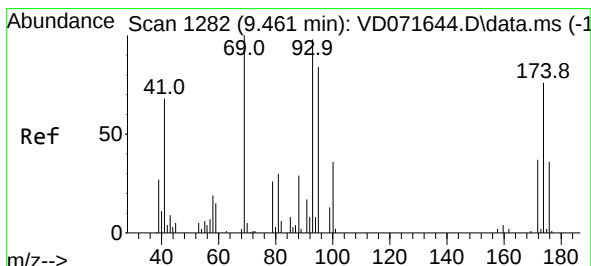
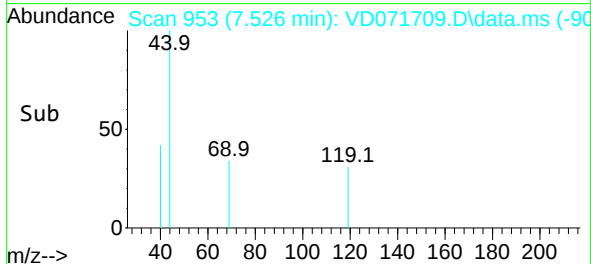
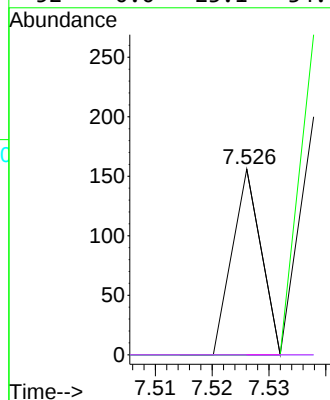


#41
Methacrylonitrile
Concen: 1.161 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

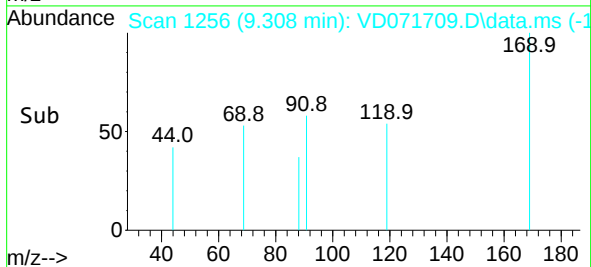
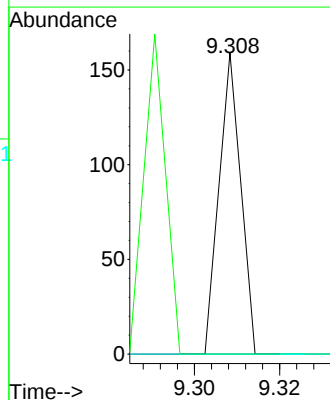
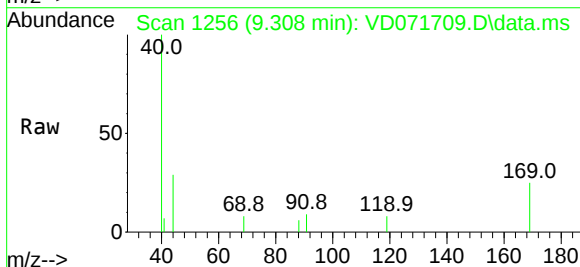


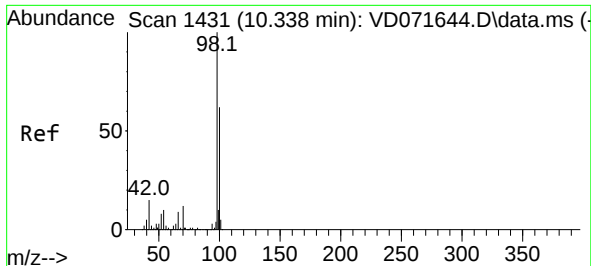
Tgt Ion:	41	Resp:	55
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.9	70.3#
67	0.0	49.3	73.9#
52	0.0	23.1	34.7#



#49
1,4-Dioxane
Concen: 2.415 ug/l
RT: 9.308 min Scan# 1256
Delta R.T. -0.147 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

Tgt Ion:	88	Resp:	56
Ion	Ratio	Lower	Upper
88	100		
43	107.1	34.6	52.0#
58	0.0	62.0	93.0#

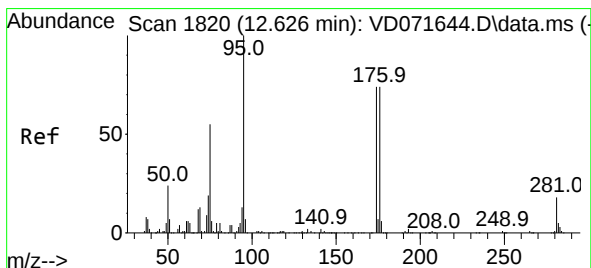
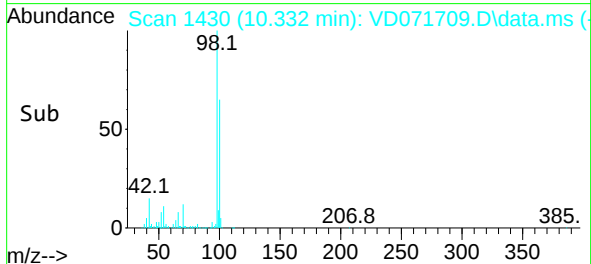
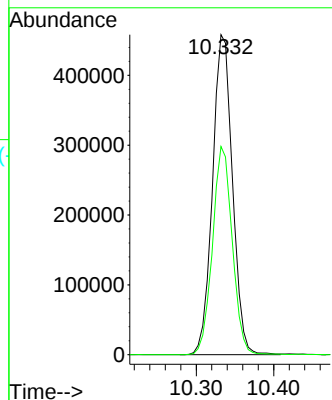
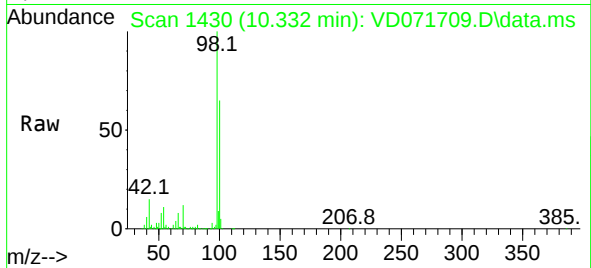




#50
Toluene-d8
Concen: 51.382 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

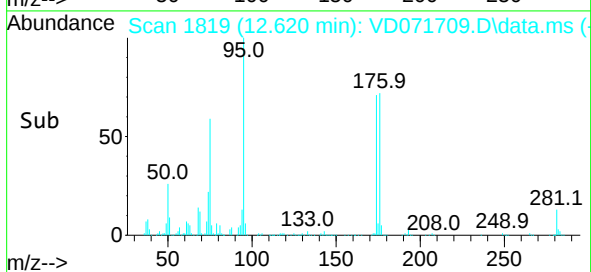
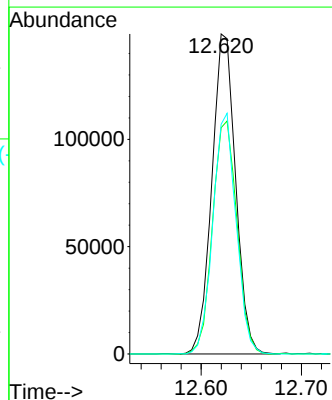
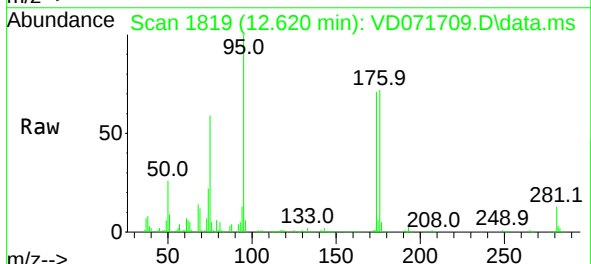
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

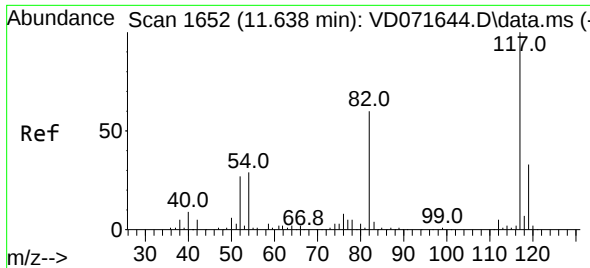
Tgt Ion: 98 Resp: 818165
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.786 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

Tgt Ion: 95 Resp: 245677
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.0
176 73.5 0.0 146.4

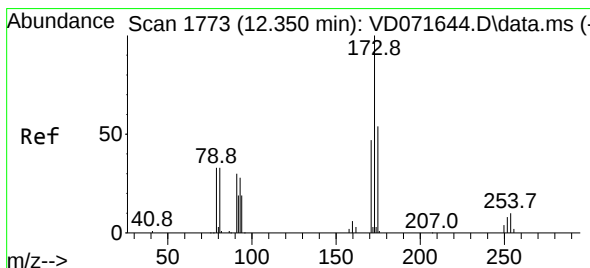
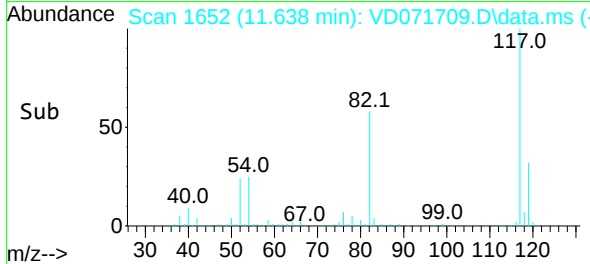
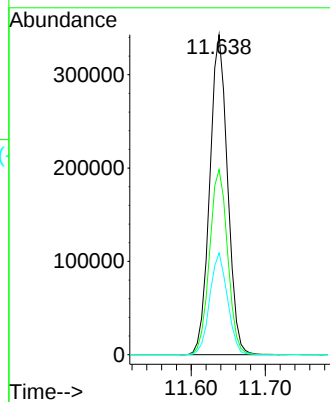
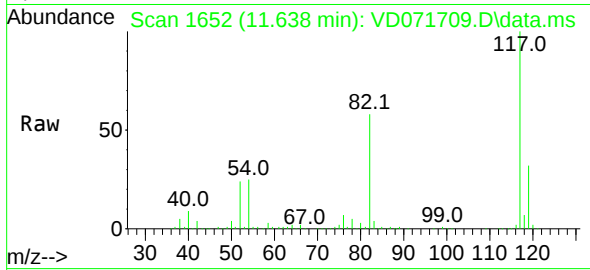




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

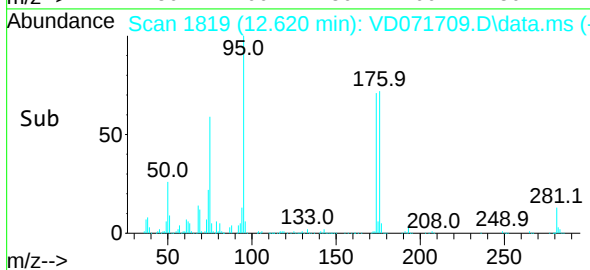
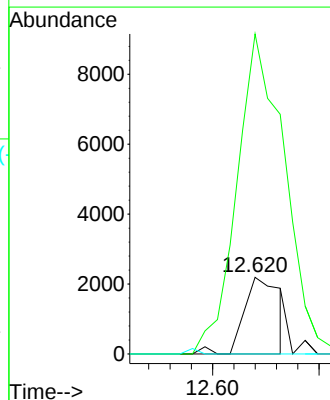
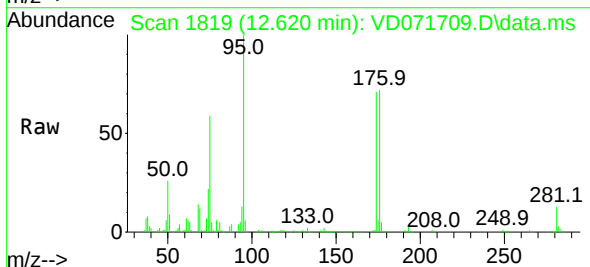
Instrument :
MSVOA_D
ClientSampleId :
SO-A4-A41-01-6

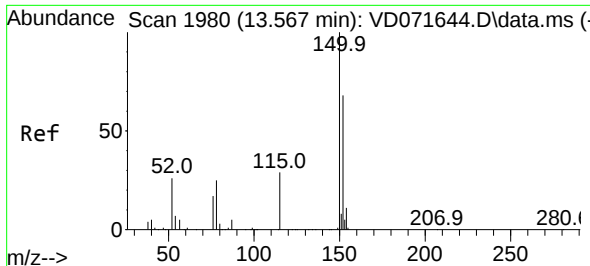
Tgt Ion:117 Resp: 571799
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 31.8 26.6 39.8



#71
Bromoform
Concen: 1.274 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071709.D
Acq: 13 Jan 2022 14:50

Tgt Ion:173 Resp: 2581
Ion Ratio Lower Upper
173 100
175 471.6 24.4 73.2#
254 0.0 0.1 0.1#

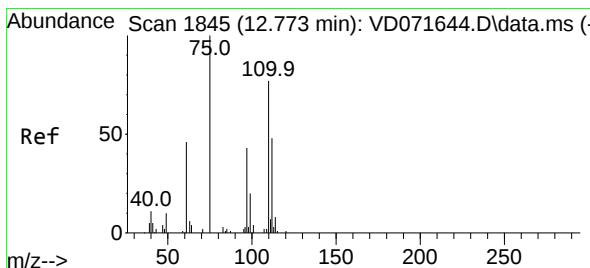
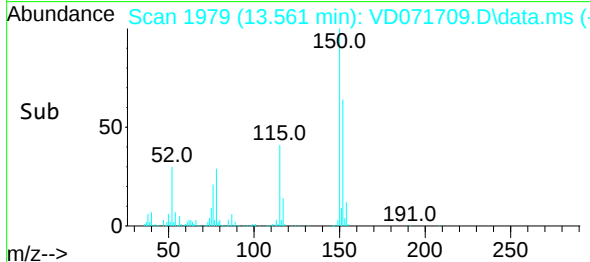
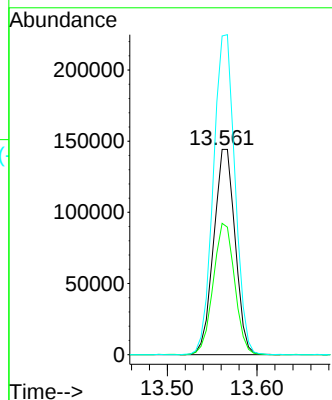
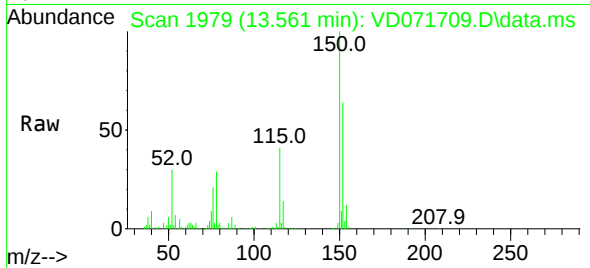




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD071709.D
 Acq: 13 Jan 2022 14:50

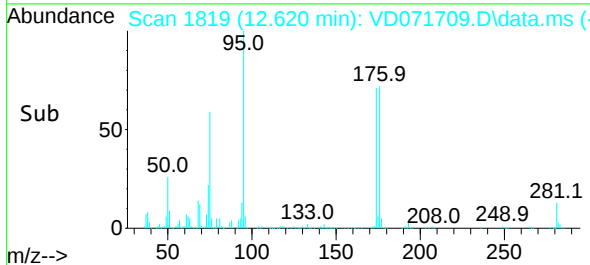
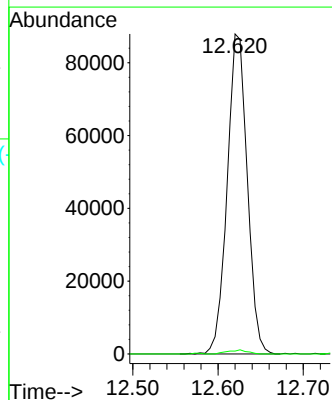
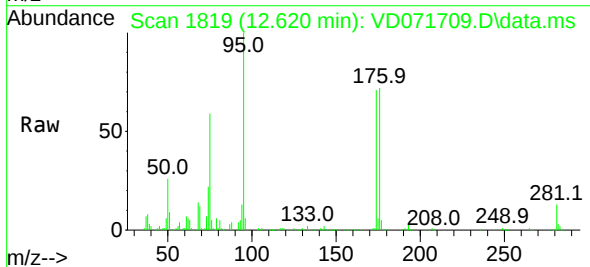
Instrument :
 MSVOA_D
 ClientSampleId :
 SO-A4-A41-01-6

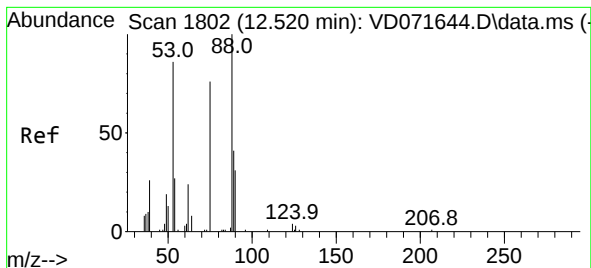
Tgt Ion:152 Resp: 239923
 Ion Ratio Lower Upper
 152 100
 115 63.9 31.5 94.5
 150 157.3 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 62.032 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071709.D
 Acq: 13 Jan 2022 14:50

Tgt Ion: 75 Resp: 143809
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.936 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071709.D
 Acq: 13 Jan 2022 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SO-A4-A41-01-6

Tgt Ion: 75 Resp: 143809
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.4 143.0#
 89 0.1 37.2 55.8#

