

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078149.D
 Acq On : 11 Jan 2024 13:53
 Operator : RP/MD
 Sample : P1097-01RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 12 00:37:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

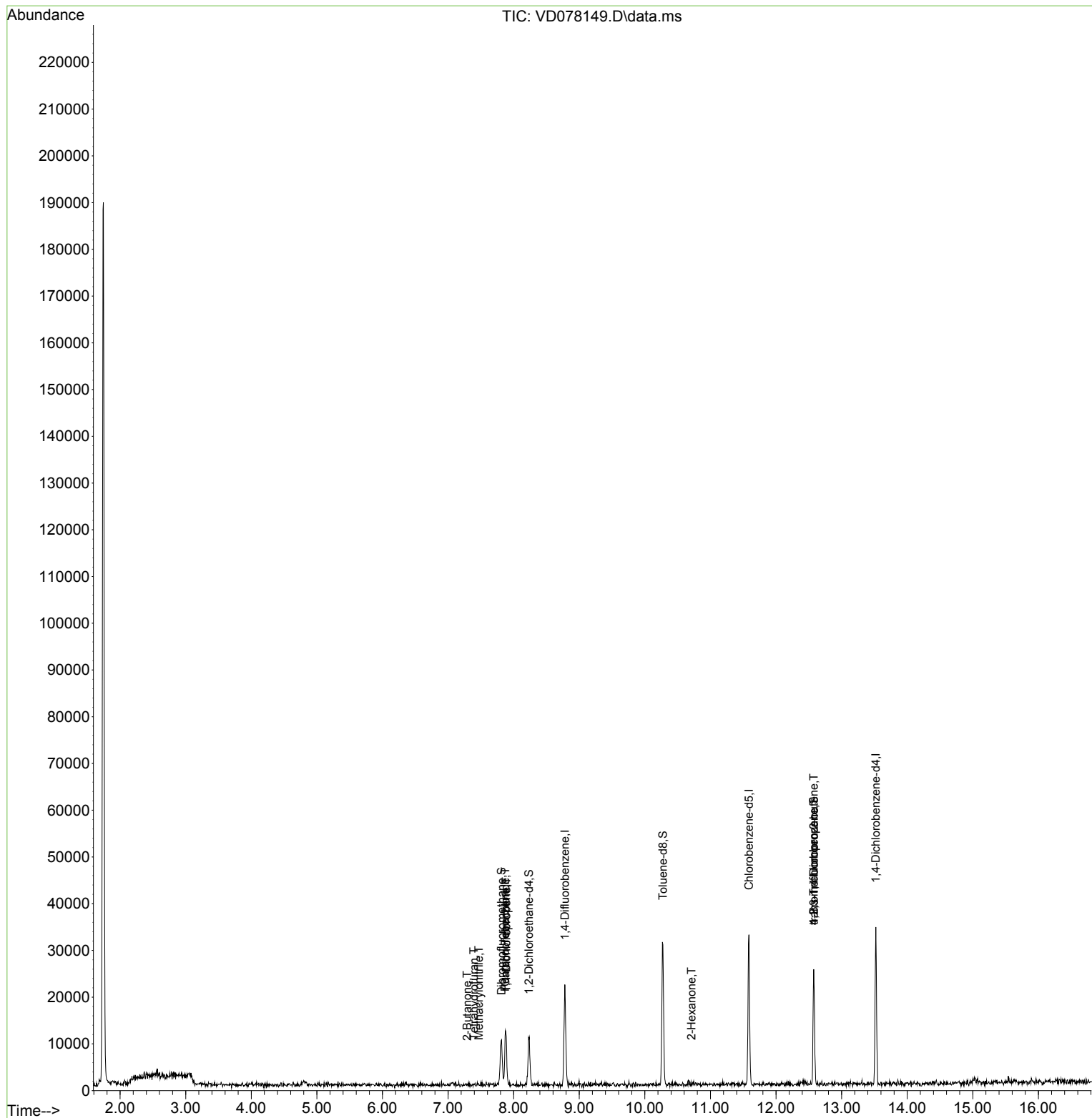
Internal Standards						
1) Pentafluorobenzene	7.869	168	9596	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.781	114	18438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	18860	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7609	75.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.640%	
35) Dibromofluoromethane	7.816	113	7090	53.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.275	98	22643	50.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.575	95	7685	49.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.080%	
Target Compounds						
20) Methylene Chloride	4.799	84	475	Below Cal	#	62
25) 2-Butanone	7.293	43	68	2.179	ug/l #	37
29) Tetrahydrofuran	7.393	42	84	5.131	ug/l #	23
36) 1,1-Dichloropropene	7.887	75	423	2.358	ug/l #	39
38) Carbon Tetrachloride	7.875	117	1143	5.531	ug/l #	11
41) Methacrylonitrile	7.469	41	64	1.544	ug/l #	1
59) 2-Hexanone	10.710	43	65	1.226	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	4357	51.881	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	4357	115.619	ug/l #	17

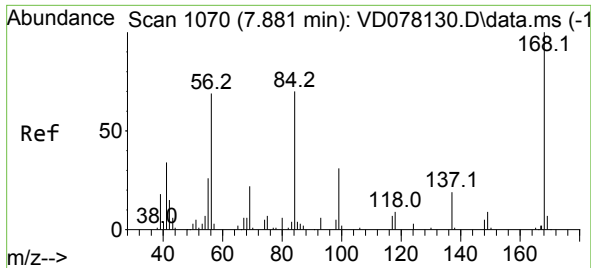
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 12 00:37:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

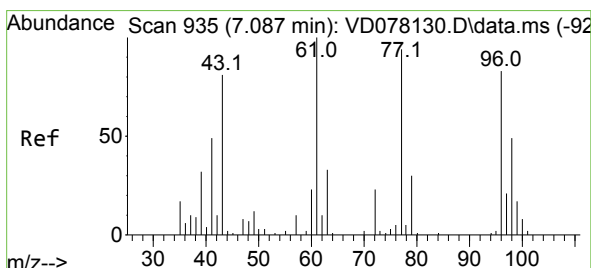
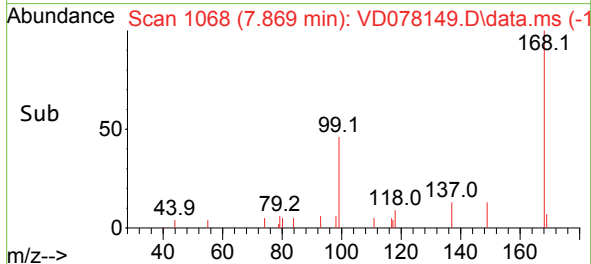
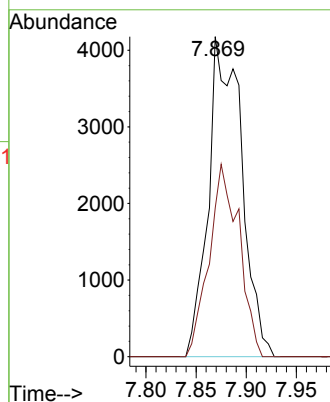
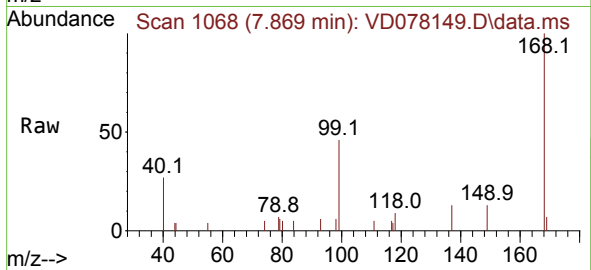




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

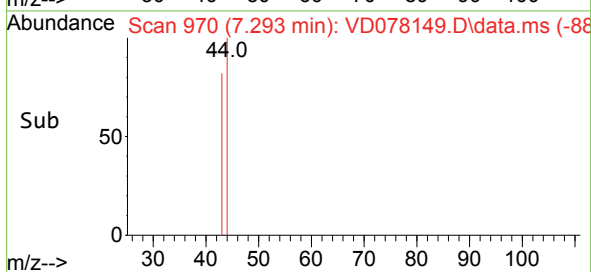
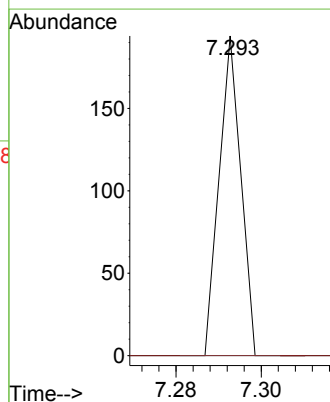
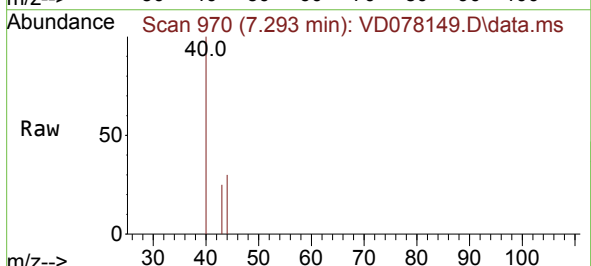
Instrument :
MSVOA_D
ClientSampleId :

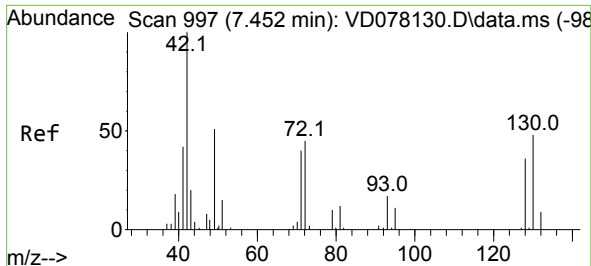
Tgt Ion:168 Resp: 9596
Ion Ratio Lower Upper
168 100
99 46.5 36.7 55.1



#25
2-Butanone
Concen: 2.179 ug/l
RT: 7.293 min Scan# 970
Delta R.T. 0.206 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#





#29

Tetrahydrofuran

Concen: 5.131 ug/l

RT: 7.393 min Scan# 91

Delta R.T. -0.059 min

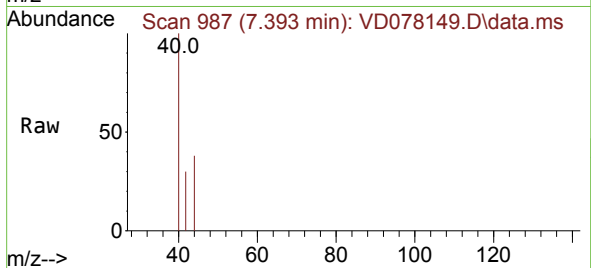
Lab File: VD078149.D

Acq: 11 Jan 2024 13:53

Instrument :

MSVOA_D

ClientSampleId :



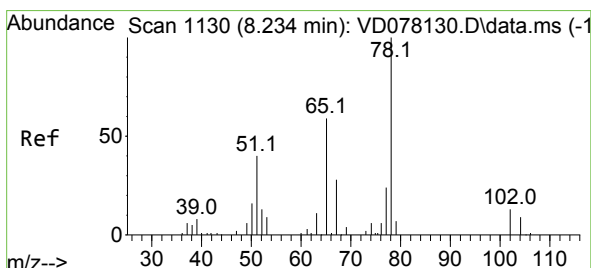
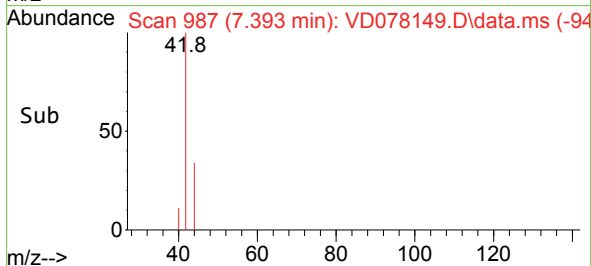
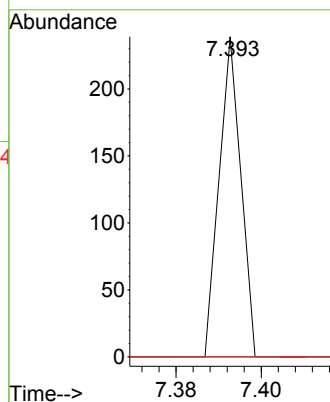
Tgt Ion: 42 Resp: 84

Ion Ratio Lower Upper

42 100

72 0.0 46.5 69.7#

71 0.0 44.5 66.7#



#33

1,2-Dichloroethane-d4

Concen: 75.318 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078149.D

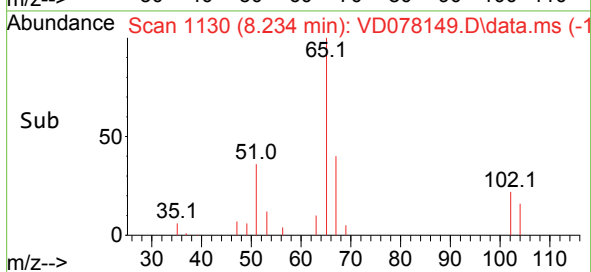
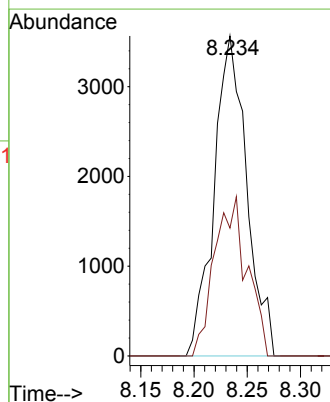
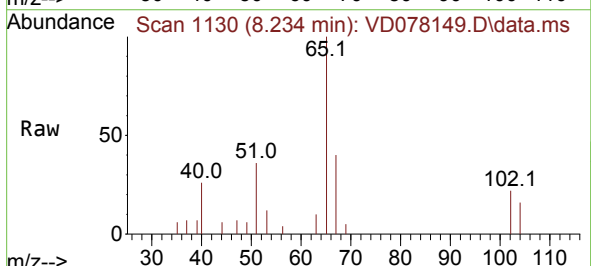
Acq: 11 Jan 2024 13:53

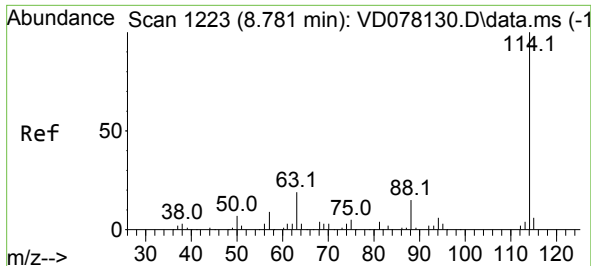
Tgt Ion: 65 Resp: 7609

Ion Ratio Lower Upper

65 100

67 49.7 0.0 115.0

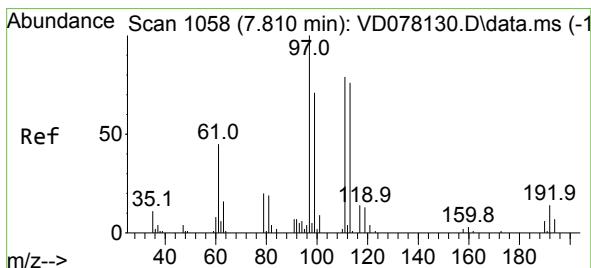
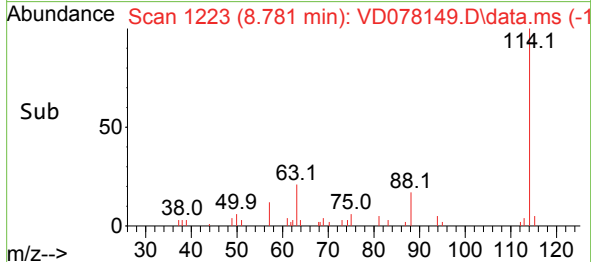
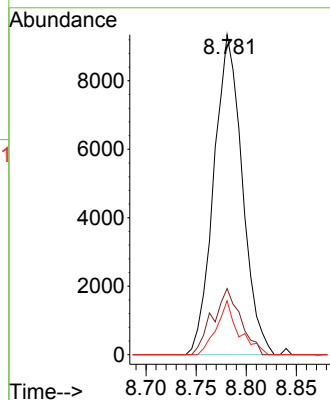
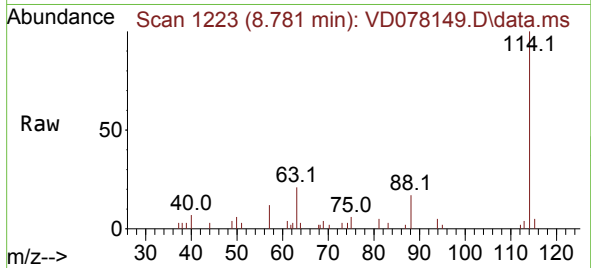




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

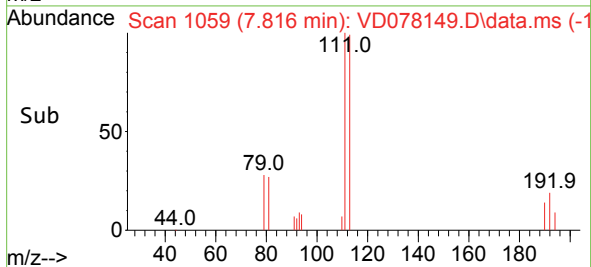
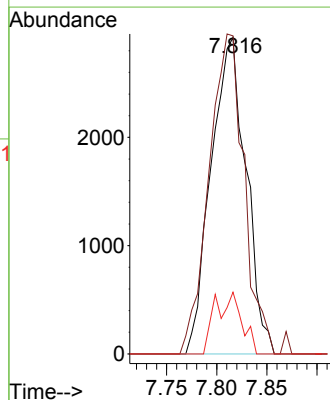
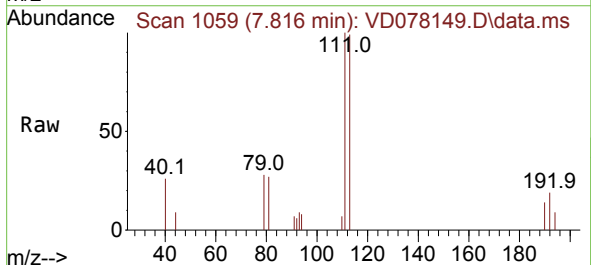
Instrument :
MSVOA_D
ClientSampleId :

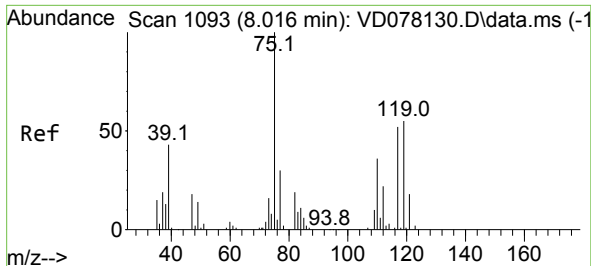
Tgt Ion:114 Resp: 18438
Ion Ratio Lower Upper
114 100
63 20.6 0.0 33.4
88 16.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.355 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

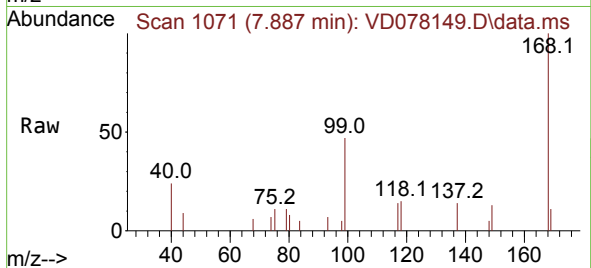
Tgt Ion:113 Resp: 7090
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 5.7 16.8 25.2#



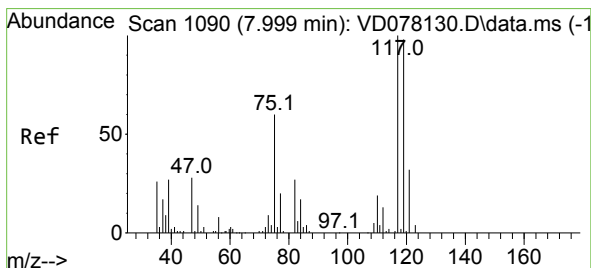
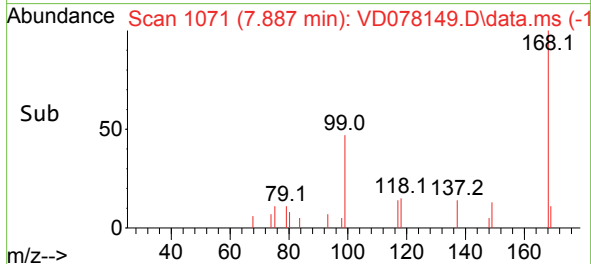
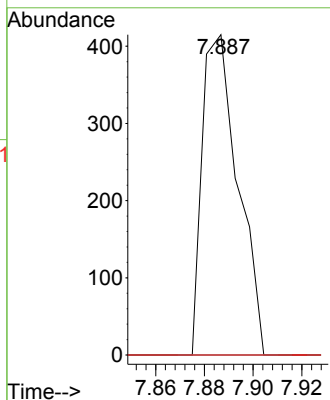


#36
1,1-Dichloropropene
Concen: 2.358 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. -0.130 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Instrument :
MSVOA_D
ClientSampleId :

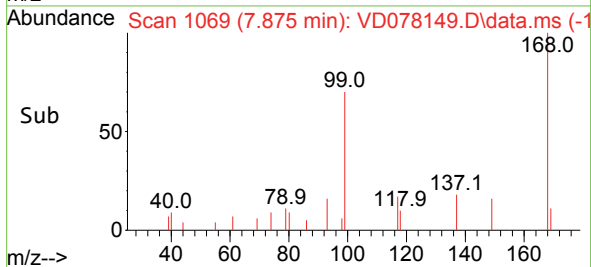
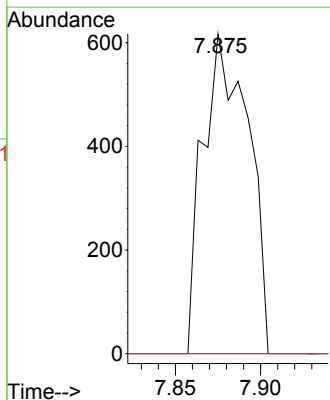
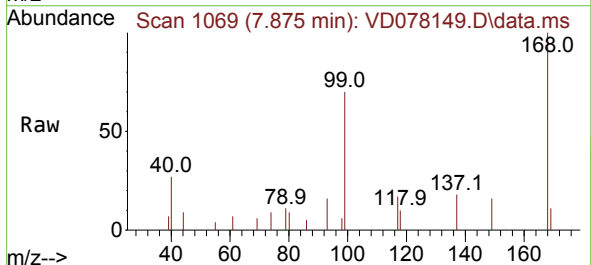


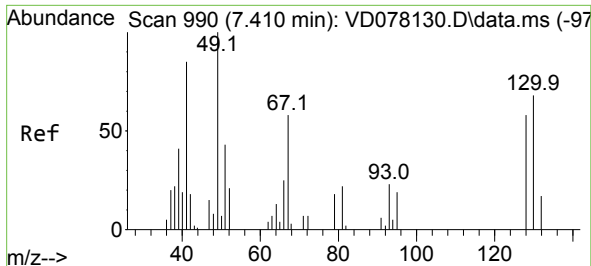
Tgt Ion: 75 Resp: 423
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

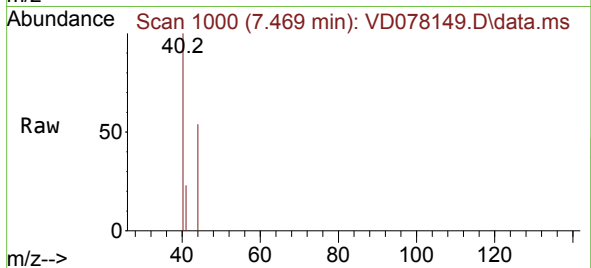
Tgt Ion: 117 Resp: 1143
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



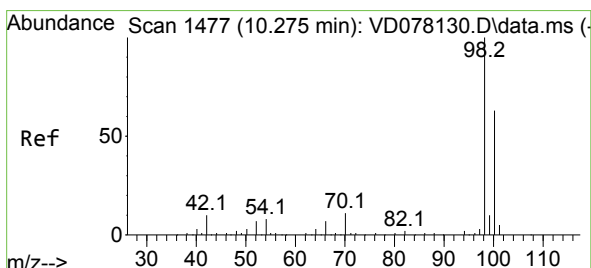
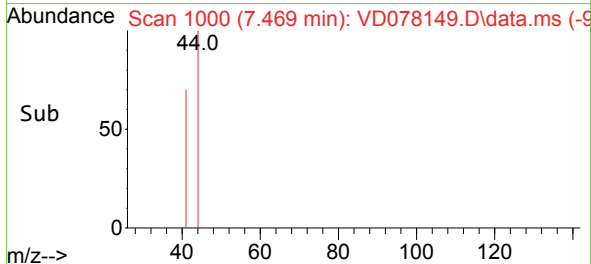
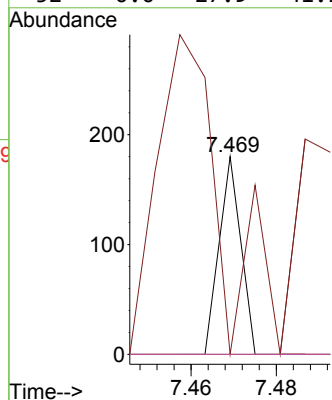


#41
Methacrylonitrile
Concen: 1.544 ug/l
RT: 7.469 min Scan# 1000
Delta R.T. 0.059 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Instrument :
MSVOA_D
ClientSampleId :

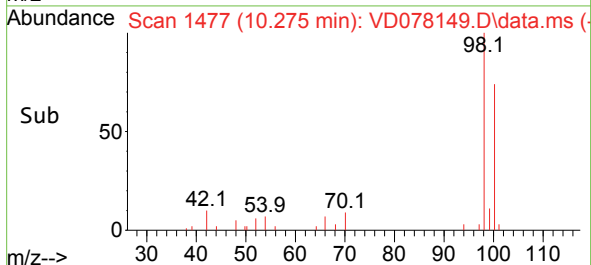
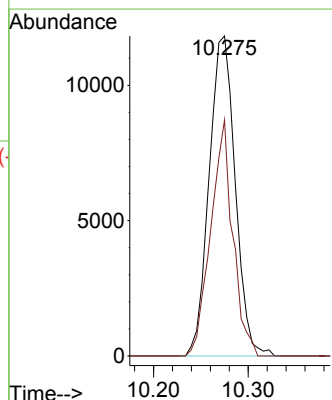
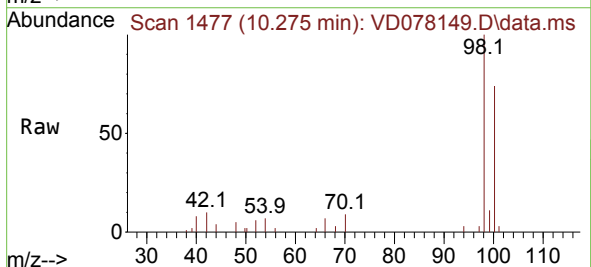


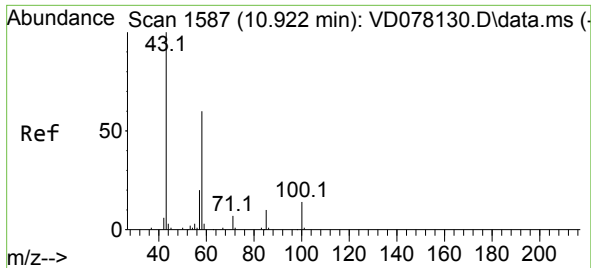
Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
39 573.4 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#



#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Tgt Ion: 98 Resp: 22643
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5

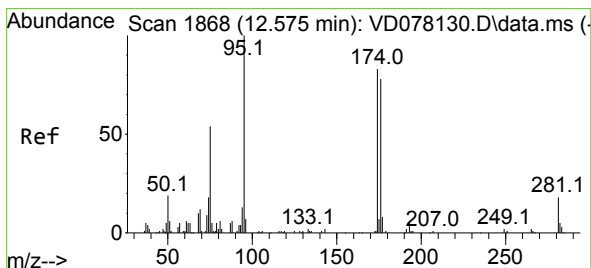
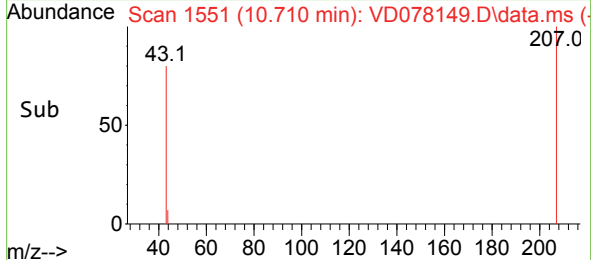
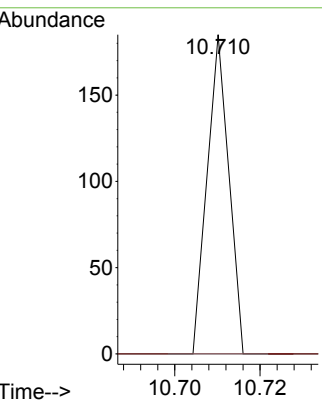
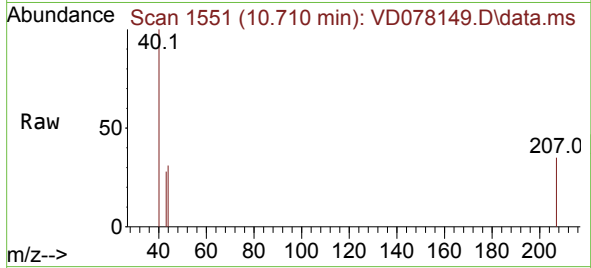




#59
2-Hexanone
Concen: 1.226 ug/l
RT: 10.710 min Scan# 11
Delta R.T. -0.212 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

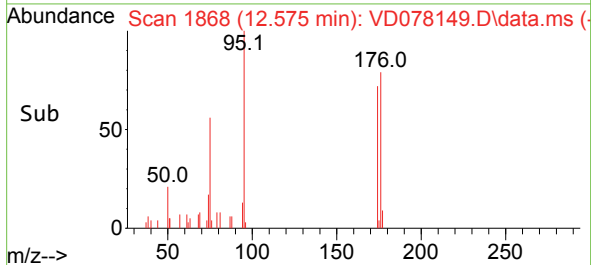
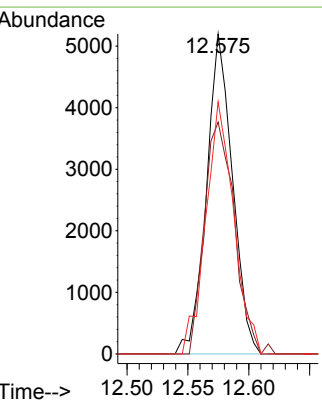
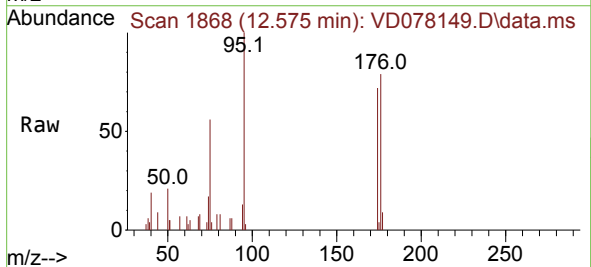
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MSVOA_D
ClientSampleId :

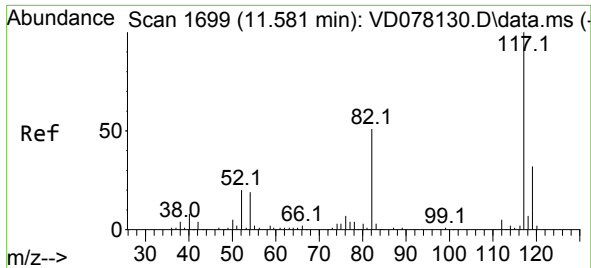
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Tgt Ion: 95 Resp: 7685
Ion Ratio Lower Upper
95 100
174 84.6 0.0 201.8
176 85.1 0.0 191.8

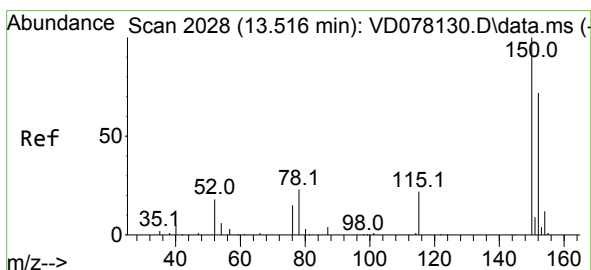
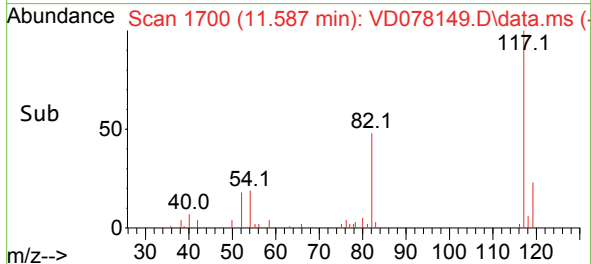
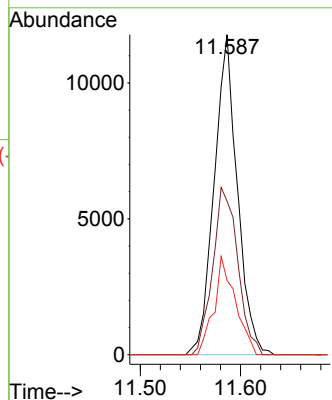
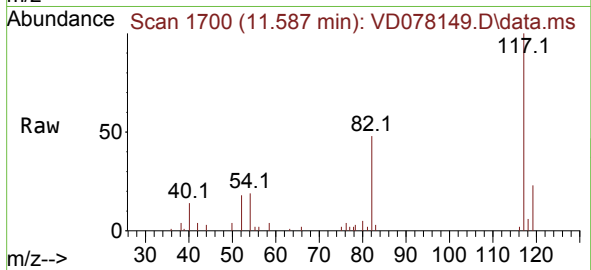




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

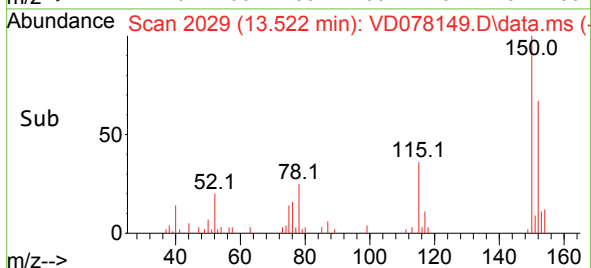
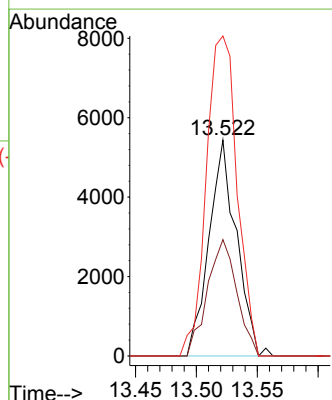
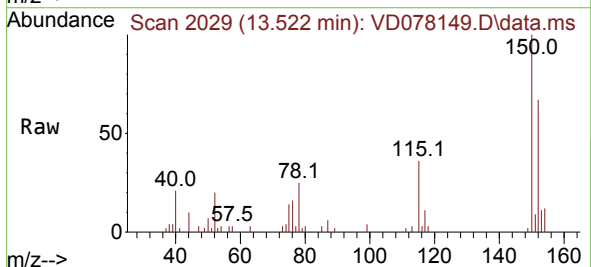
Instrument :
MSVOA_D
ClientSampleId :

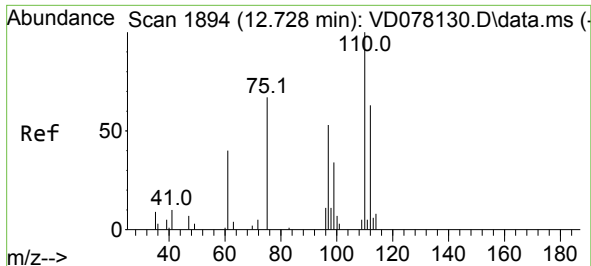
Tgt Ion:117 Resp: 18860
Ion Ratio Lower Upper
117 100
82 47.9 38.3 57.5
119 23.2 25.0 37.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

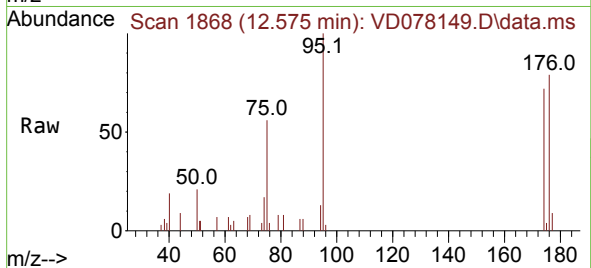
Tgt Ion:152 Resp: 8530
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 166.7 0.0 353.6



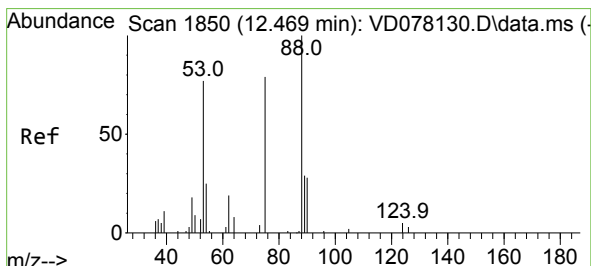
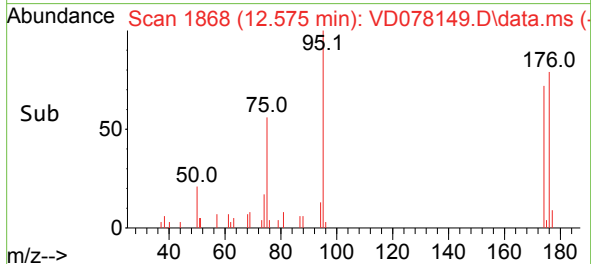
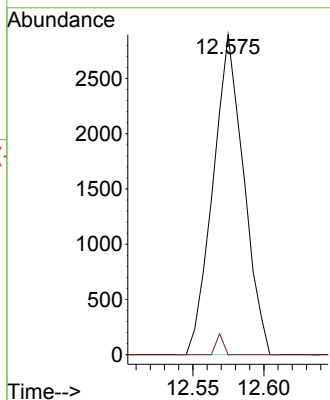


#76
1,2,3-Trichloropropane
Concen: 51.881 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 4357
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.619 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Tgt Ion: 75 Resp: 4357
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

