

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078121.D
 Acq On : 02 Jan 2024 14:23
 Operator : RP/MD
 Sample : 06045-01
 Misc : 5.66G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:06:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

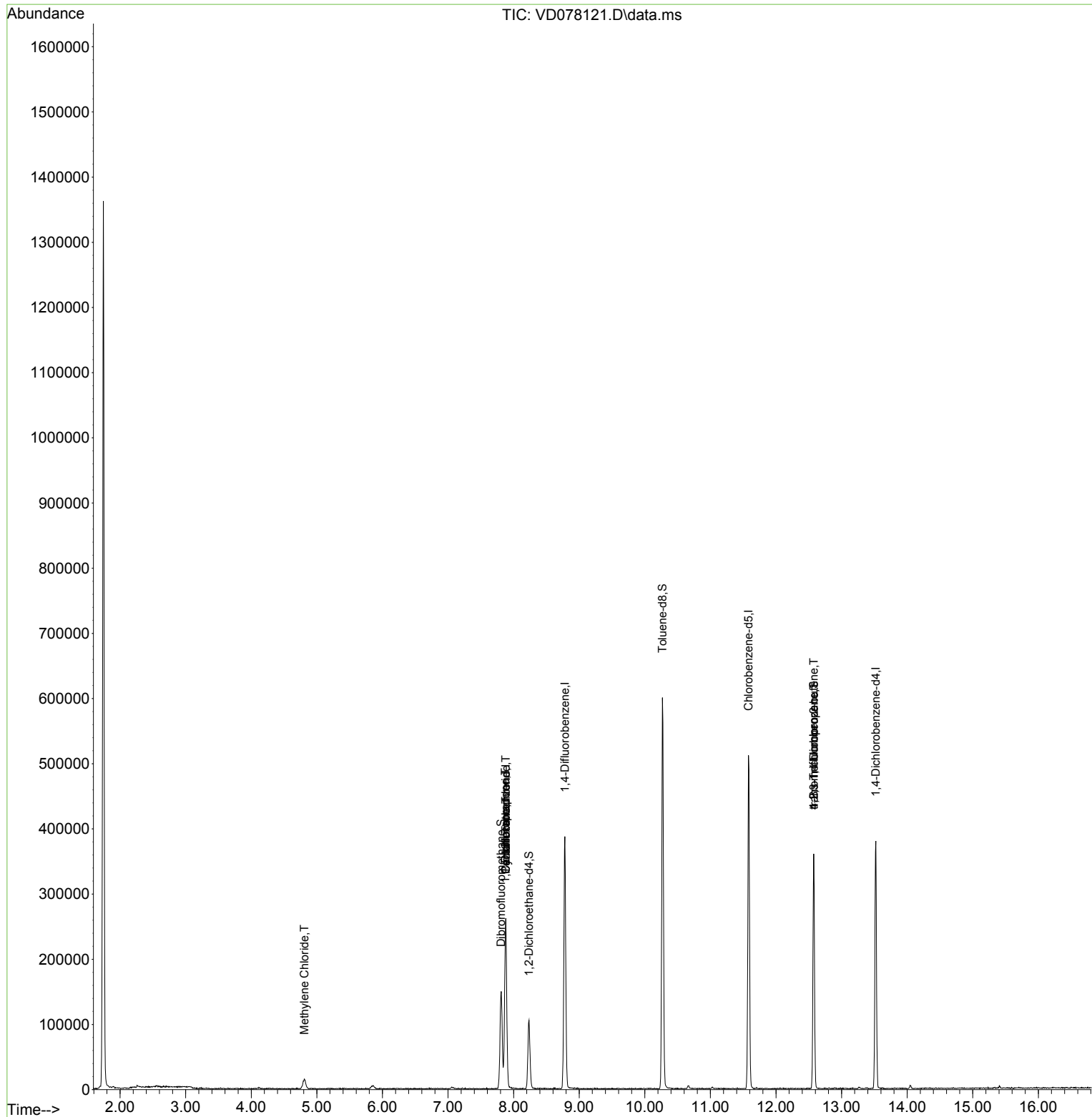
Internal Standards						
1) Pentafluorobenzene	7.881	168	208985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	355654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	108675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81046	43.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.811	113	108506	47.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.840%
50) Toluene-d8	10.269	98	424103	52.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.575	95	107910	41.651	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.040	59	60	Below Cal	#	73
16) Acetone	4.017	43	86	Below Cal	#	32
20) Methylene Chloride	4.811	84	12267	2.350	ug/l #	88
25) 2-Butanone	7.058	43	93	Below Cal	#	37
31) Cyclohexane	7.881	56	4188	1.412	ug/l #	14
36) 1,1-Dichloropropene	7.875	75	15039	4.671	ug/l #	42
38) Carbon Tetrachloride	7.881	117	18977	5.439	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	51822	56.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51822	121.791	ug/l #	17

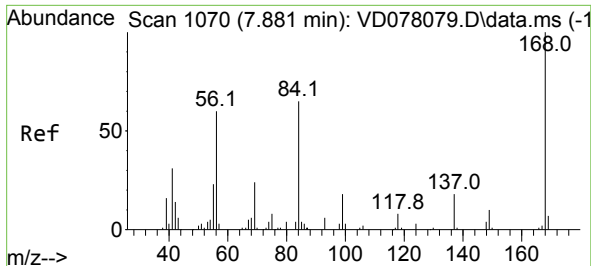
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 03 00:06:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

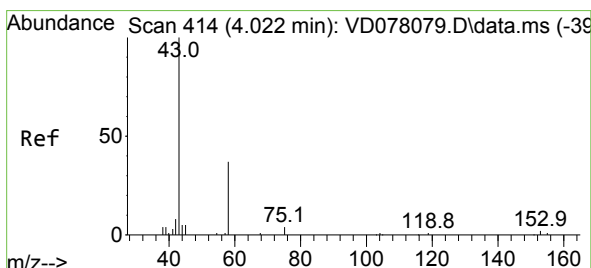
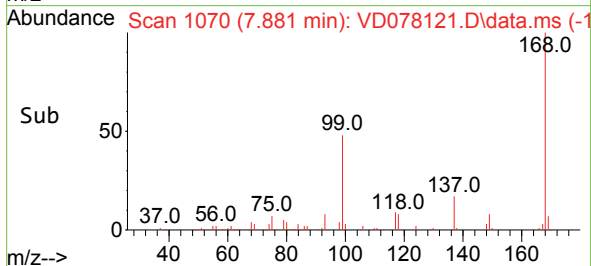
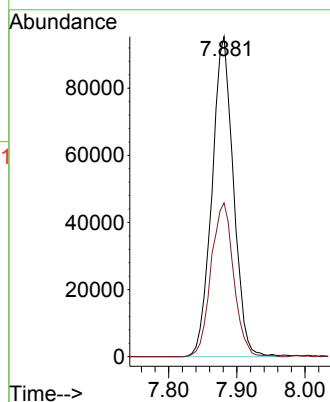
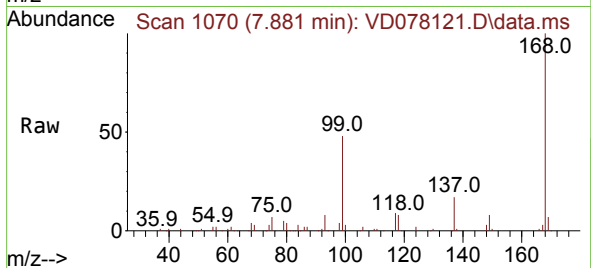




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

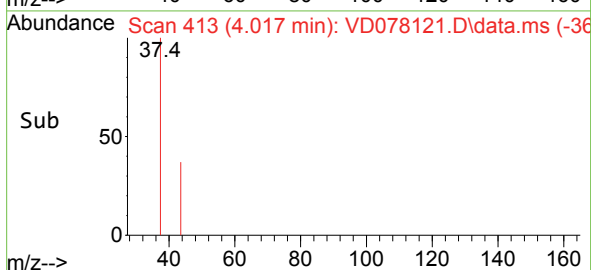
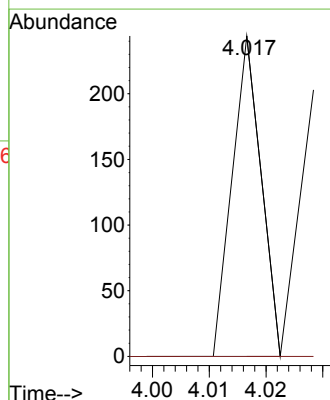
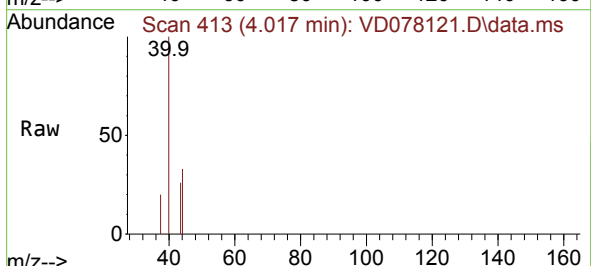
Instrument :
MSVOA_D
ClientSampleId :

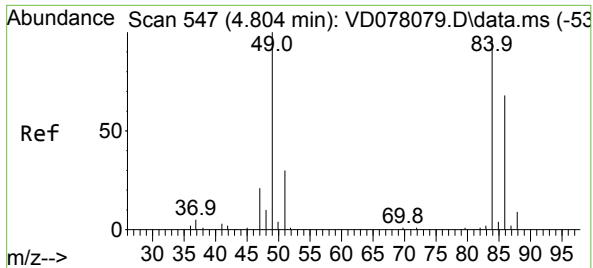
Tgt Ion:168 Resp: 208985
Ion Ratio Lower Upper
168 100
99 48.1 36.7 55.1



#16
Acetone
Concen: Below Cal
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

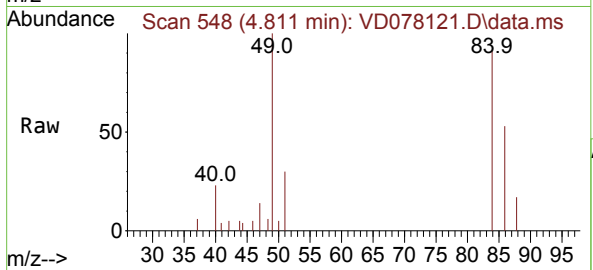
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





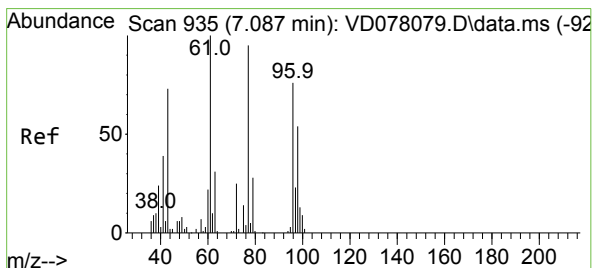
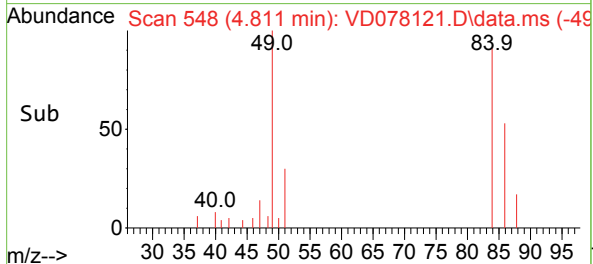
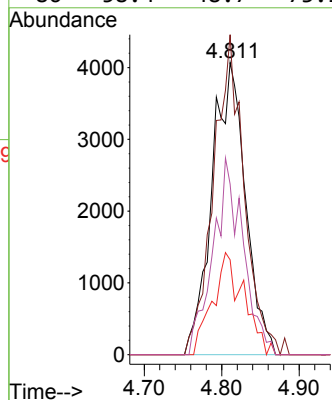
#20
Methylene Chloride
Concen: 2.350 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.007 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 12267

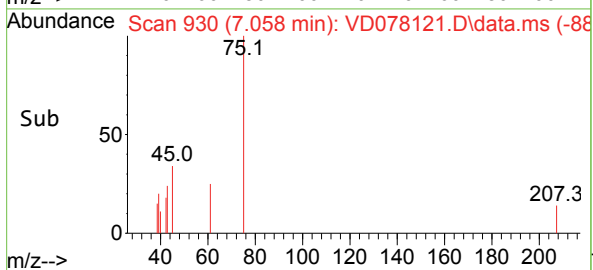
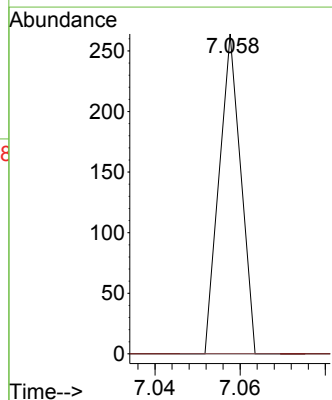
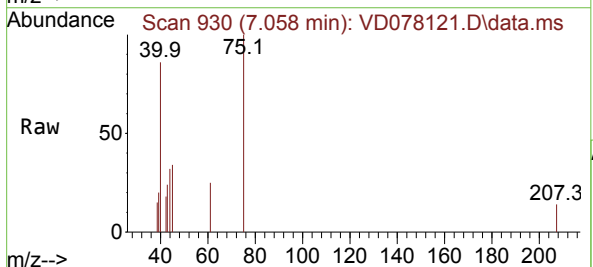
Ion	Ratio	Lower	Upper
84	100		
49	109.5	71.4	107.2#
51	32.5	24.5	36.7
86	58.4	48.7	73.1

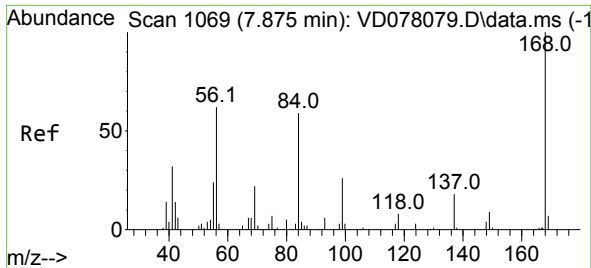


#25
2-Butanone
Concen: Below Cal
RT: 7.058 min Scan# 930
Delta R.T. -0.029 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Tgt Ion: 43 Resp: 93

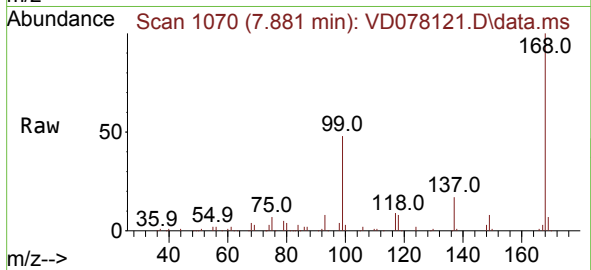
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



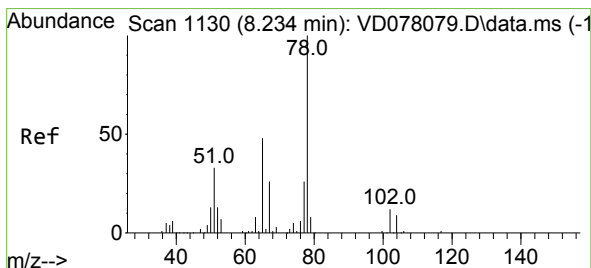
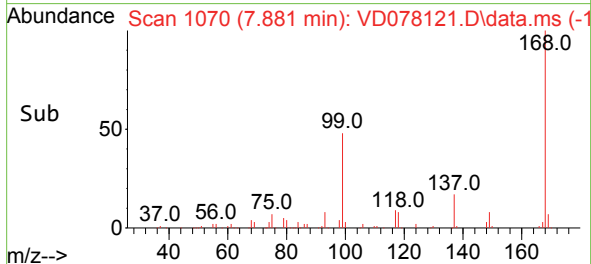
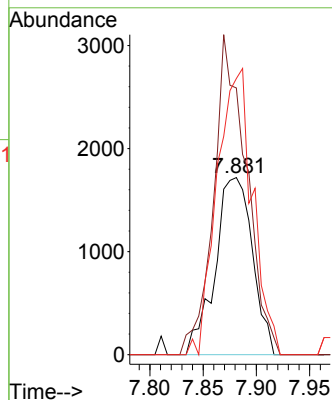


#31
Cyclohexane
Concen: 1.412 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

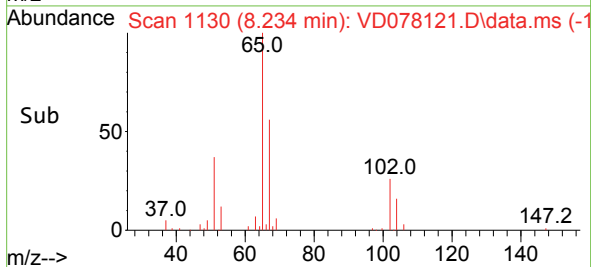
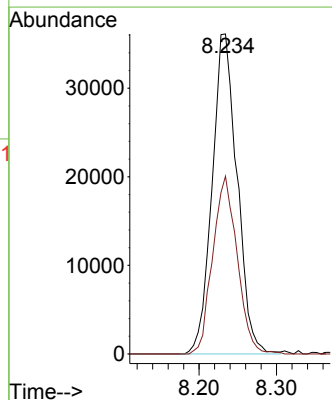
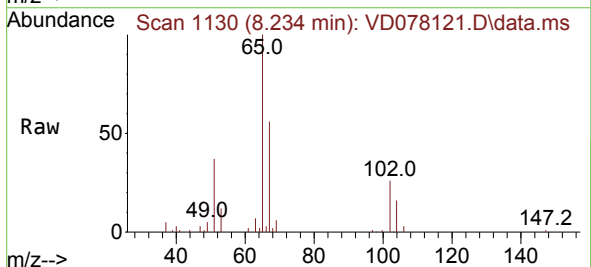


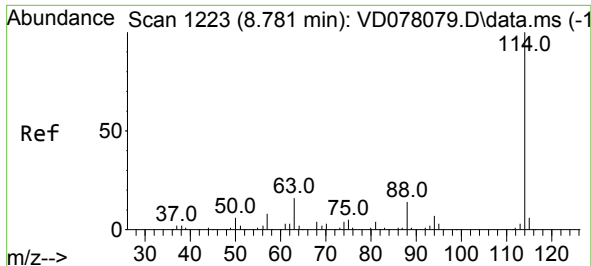
Tgt Ion: 56 Resp: 4188
Ion Ratio Lower Upper
56 100
69 150.6 28.6 43.0#
84 155.9 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 43.585 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Tgt Ion: 65 Resp: 81046
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0

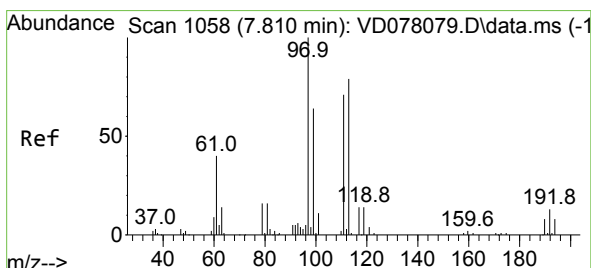
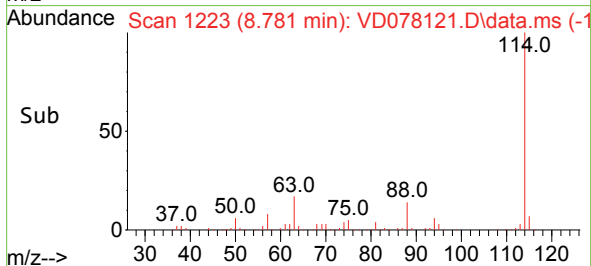
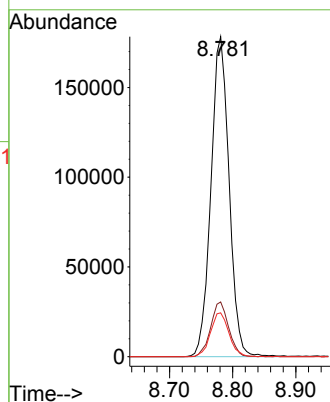
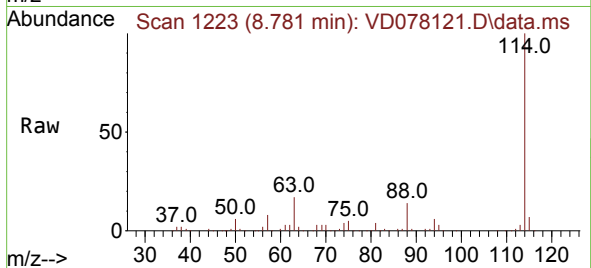




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

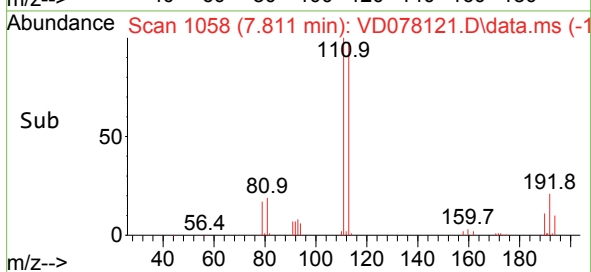
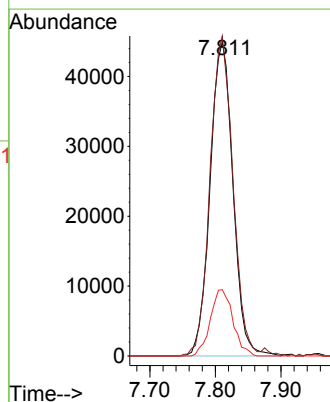
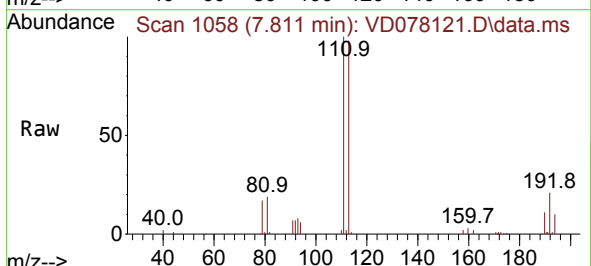
Instrument :
MSVOA_D
ClientSampleId :

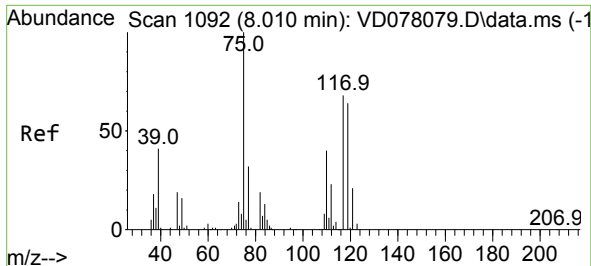
Tgt Ion:114 Resp: 355654
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 47.416 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Tgt Ion:113 Resp: 108506
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 20.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.671 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

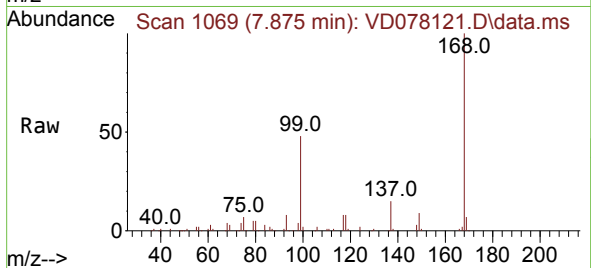
Lab File: VD078121.D

Acq: 02 Jan 2024 14:23

Instrument :

MSVOA_D

ClientSampleId :



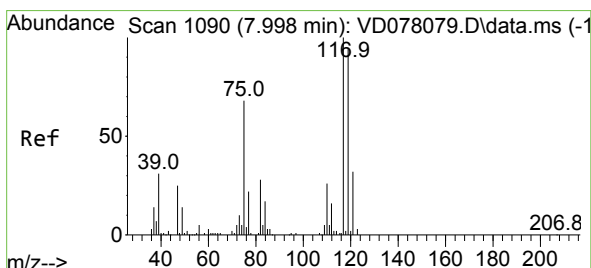
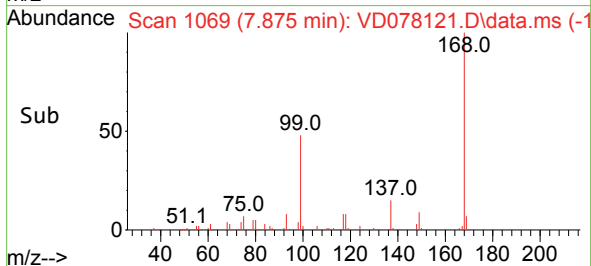
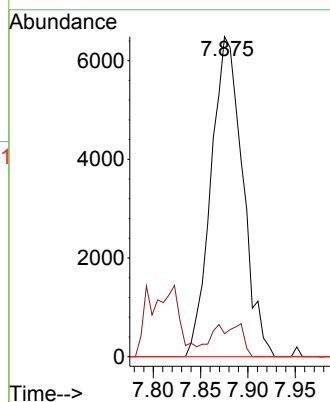
Tgt Ion: 75 Resp: 15039

Ion Ratio Lower Upper

75 100

110 2.7 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.439 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.117 min

Lab File: VD078121.D

Acq: 02 Jan 2024 14:23

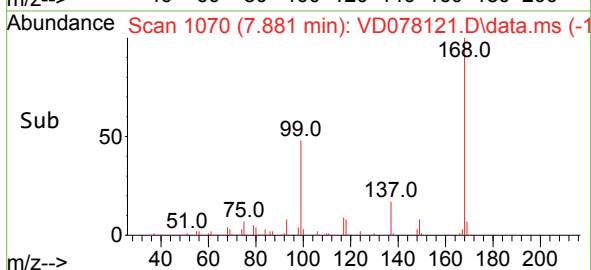
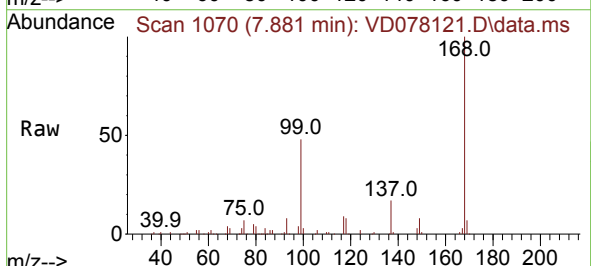
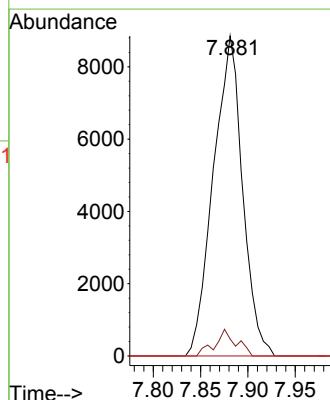
Tgt Ion: 117 Resp: 18977

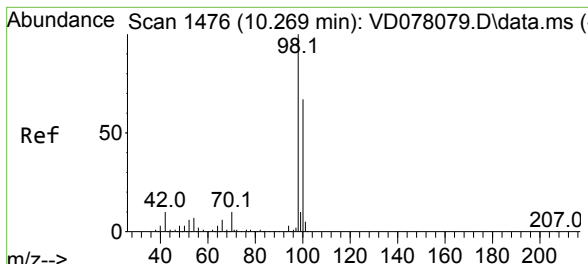
Ion Ratio Lower Upper

117 100

119 5.3 78.0 117.0#

121 0.0 24.2 36.2#

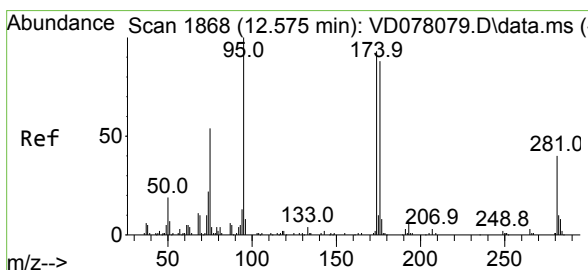
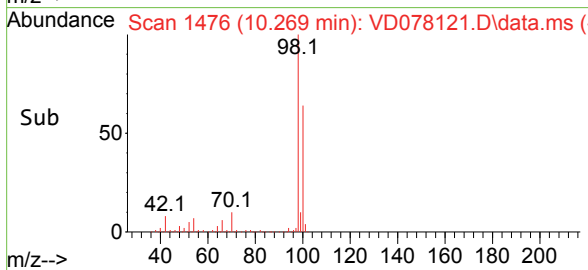
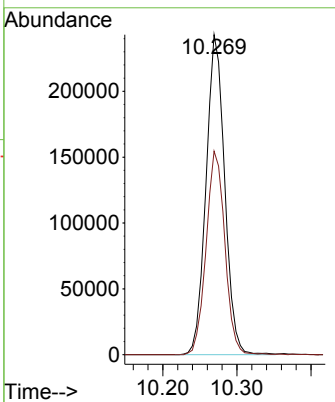
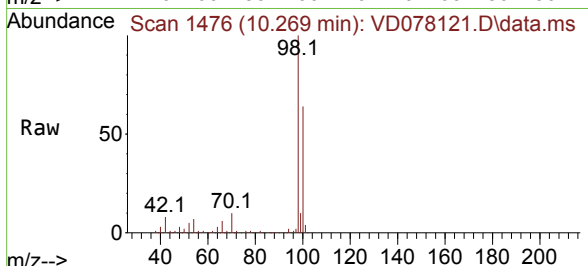




#50
Toluene-d8
Concen: 52.670 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

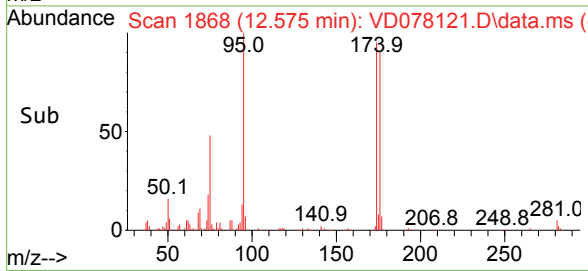
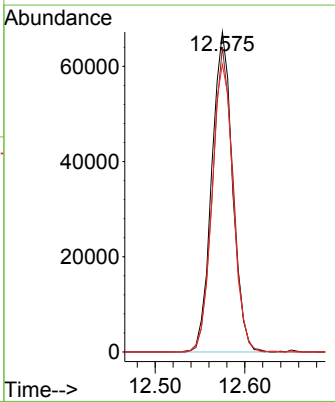
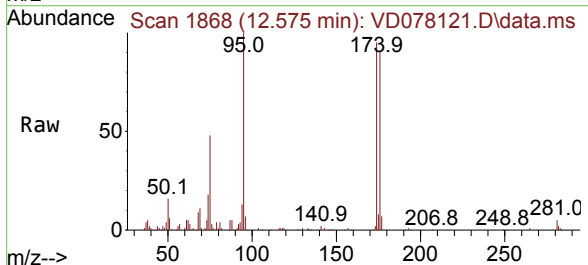
Instrument :
MSVOA_D
ClientSampleId :

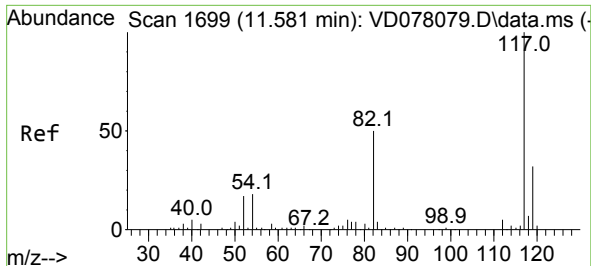
Tgt Ion:	98	Resp:	424103
Ion Ratio	Lower	Upper	
98	100		
100	63.9	50.3	75.5



#62
4-Bromofluorobenzene
Concen: 41.651 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

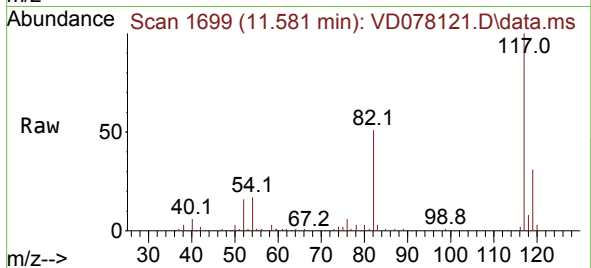
Tgt Ion:	95	Resp:	107910
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	201.8
176	91.9	0.0	191.8



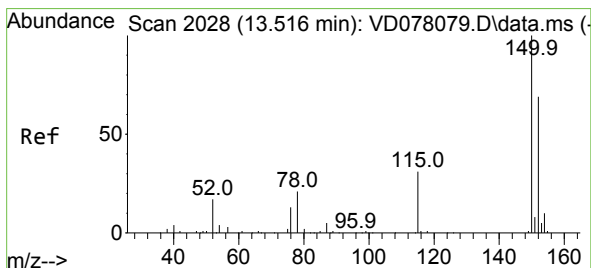
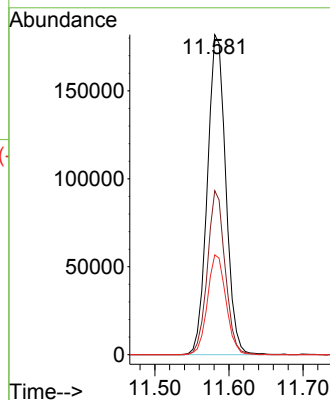
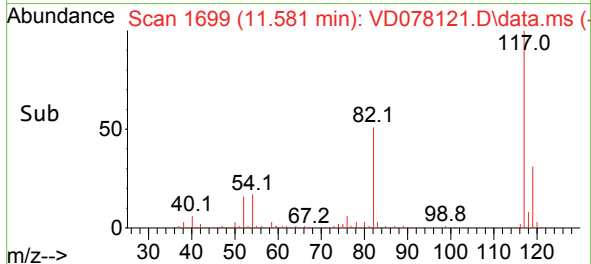


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

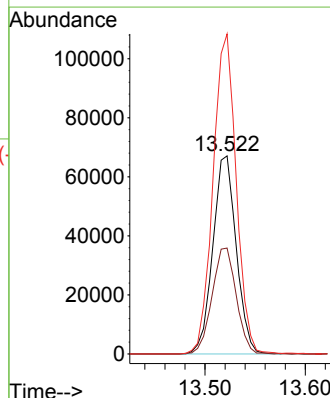
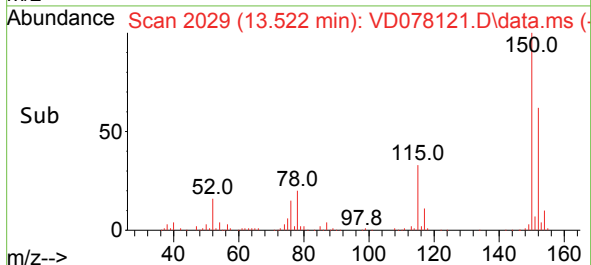
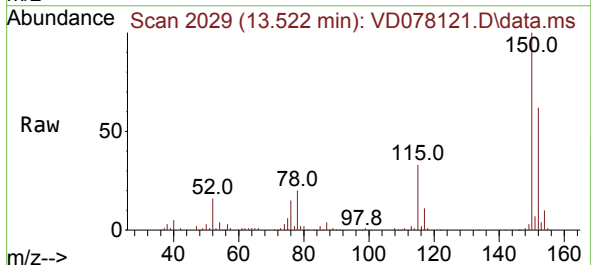


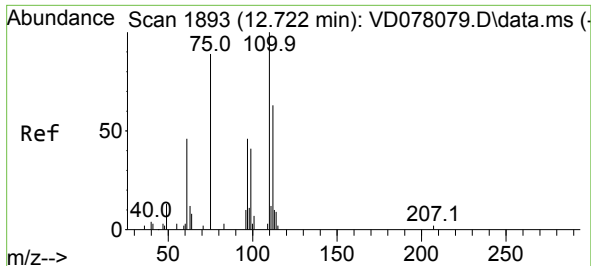
Tgt Ion:117 Resp: 313728
Ion Ratio Lower Upper
117 100
82 51.2 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Tgt Ion:152 Resp: 108675
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 159.9 0.0 353.6

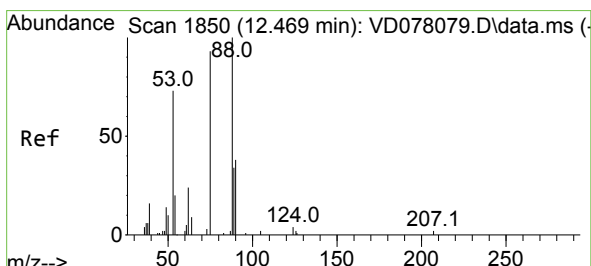
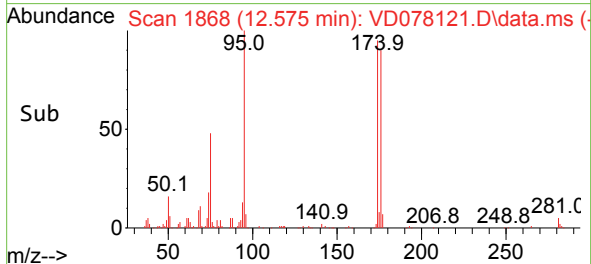
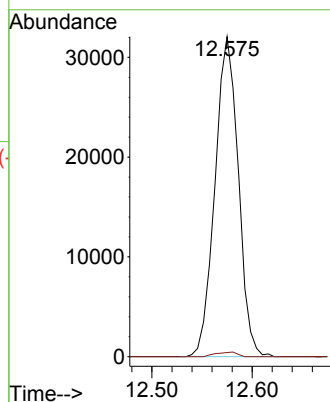
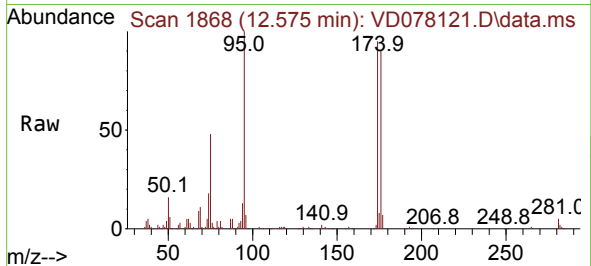




#76
1,2,3-Trichloropropane
Concen: 56.522 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 51822
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.791 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078121.D
Acq: 02 Jan 2024 14:23

Tgt Ion: 75 Resp: 51822
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

