

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078122.D
 Acq On : 02 Jan 2024 14:50
 Operator : RP/MD
 Sample : 06045-03
 Misc : 5.96G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:07:00 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)

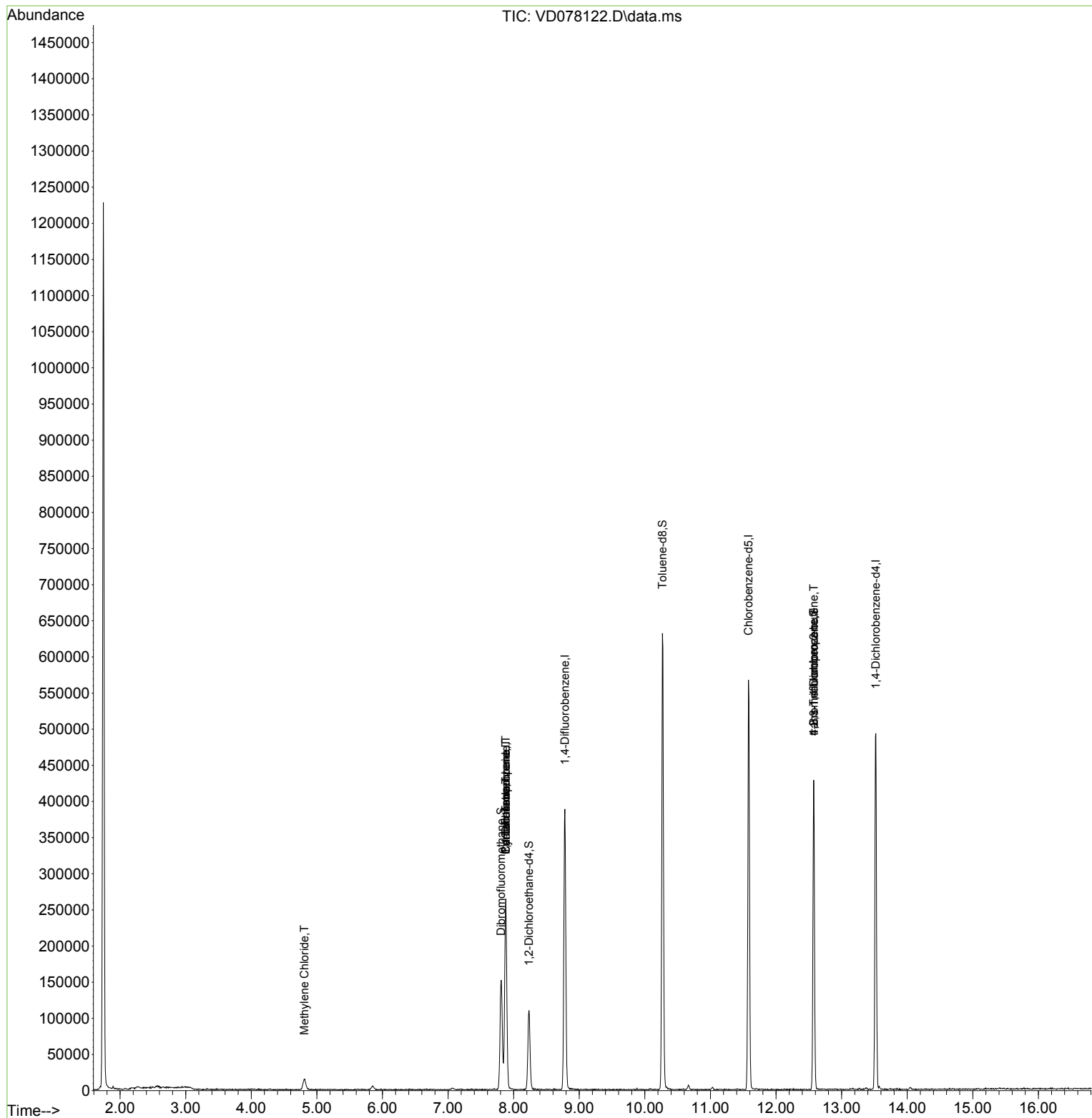
Internal Standards						
1) Pentafluorobenzene	7.881	168	214279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	368552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	86540	45.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.810	113	112206	47.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.640%
50) Toluene-d8	10.269	98	445560	53.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.575	95	127245	47.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	60	Below Cal	#	73
16) Acetone	4.022	43	343	Below Cal	#	32
20) Methylene Chloride	4.810	84	11558	1.884	ug/l #	86
25) 2-Butanone	7.063	43	70	Below Cal	#	37
31) Cyclohexane	7.881	56	4417	1.452	ug/l #	3
36) 1,1-Dichloropropene	7.881	75	15078	4.519	ug/l #	49
38) Carbon Tetrachloride	7.881	117	19723	5.455	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	65347	53.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	65347	116.033	ug/l #	17

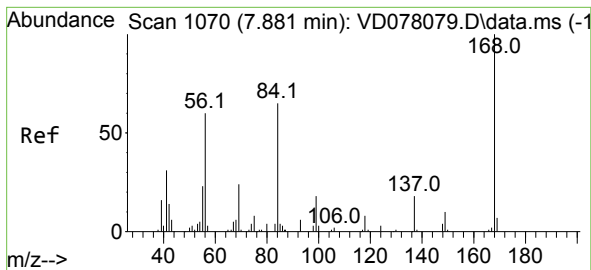
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078122.D

Acq: 02 Jan 2024 14:50

Instrument :

MSVOA_D

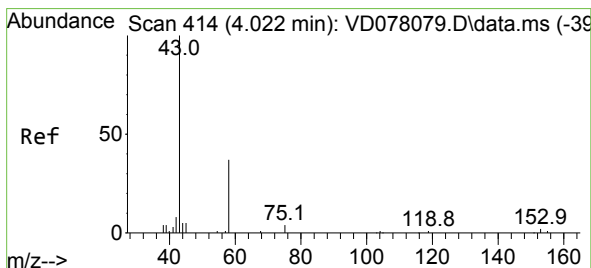
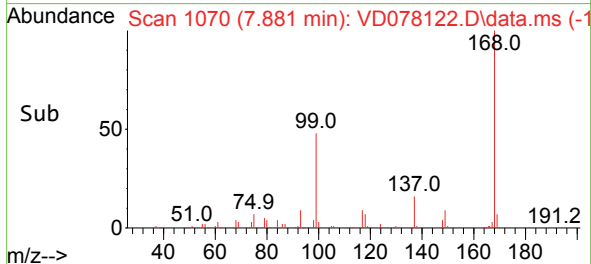
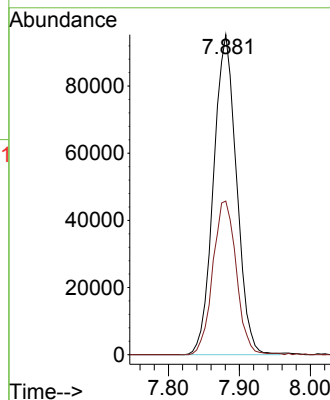
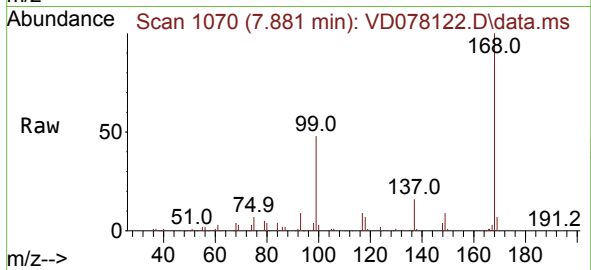
ClientSampleId :

Tgt Ion:168 Resp: 214279

Ion Ratio Lower Upper

168 100

99 48.0 36.7 55.1



#16

Acetone

Concen: Below Cal

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD078122.D

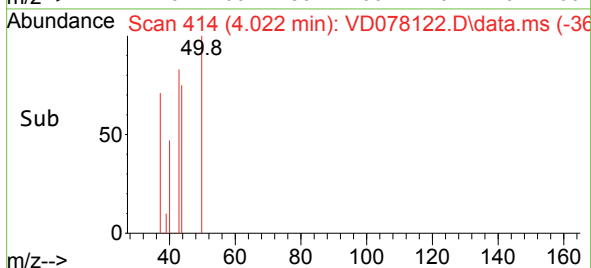
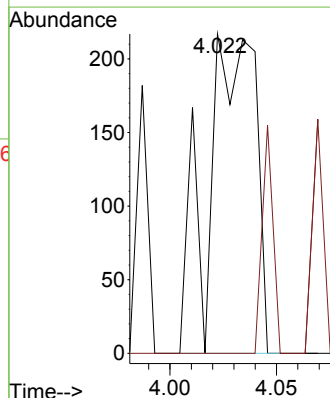
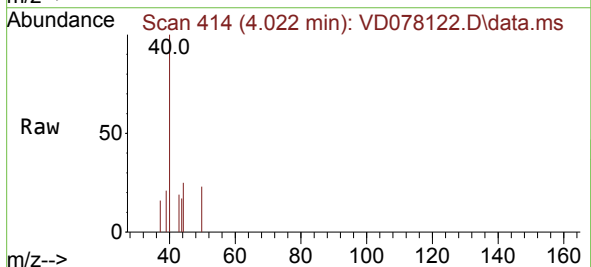
Acq: 02 Jan 2024 14:50

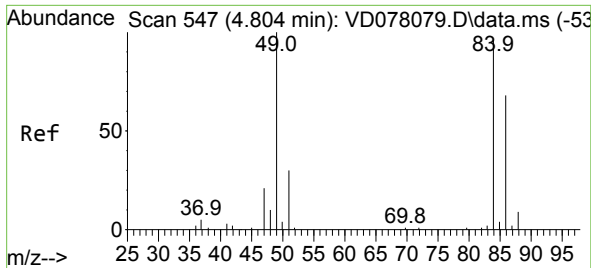
Tgt Ion: 43 Resp: 343

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#

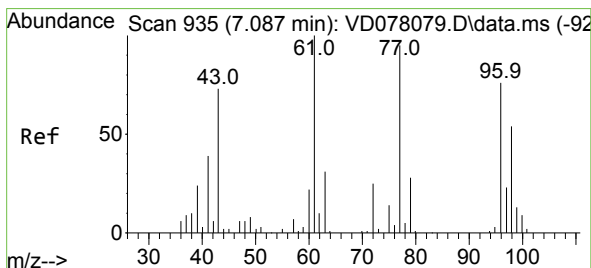
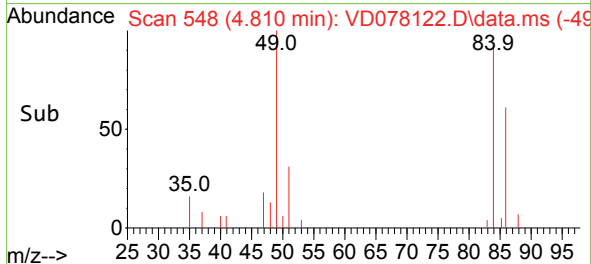
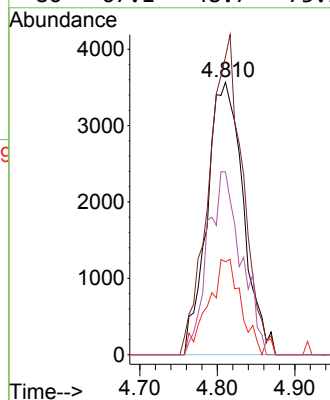
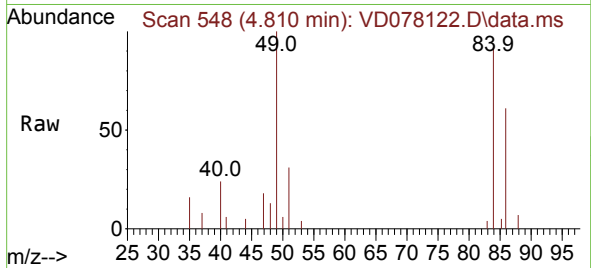




#20
Methylene Chloride
Concen: 1.884 ug/l
RT: 4.810 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

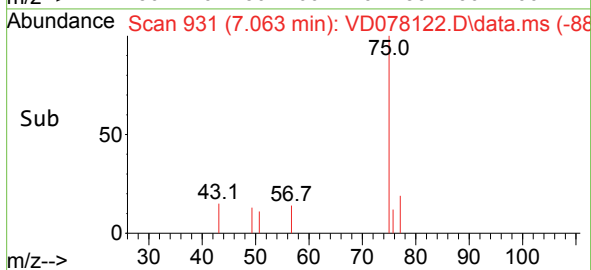
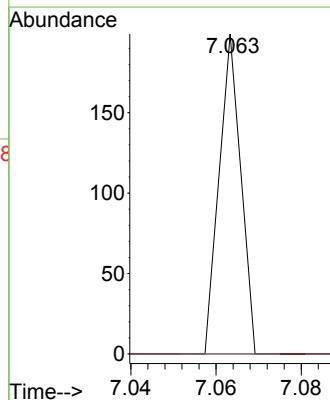
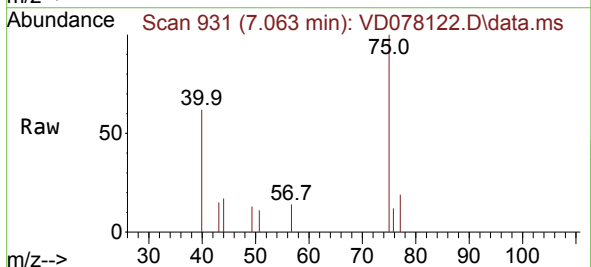
Instrument :
MSVOA_D
ClientSampleId :

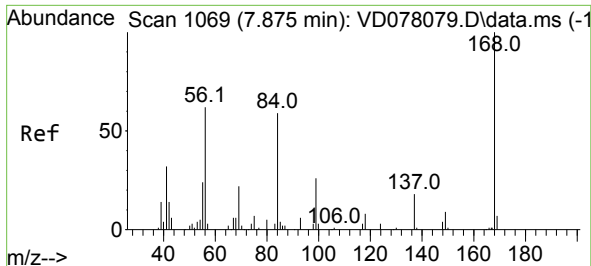
Tgt Ion: 84 Resp: 11558
Ion Ratio Lower Upper
84 100
49 109.3 71.4 107.2#
51 34.1 24.5 36.7
86 67.1 48.7 73.1



#25
2-Butanone
Concen: Below Cal
RT: 7.063 min Scan# 931
Delta R.T. -0.024 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

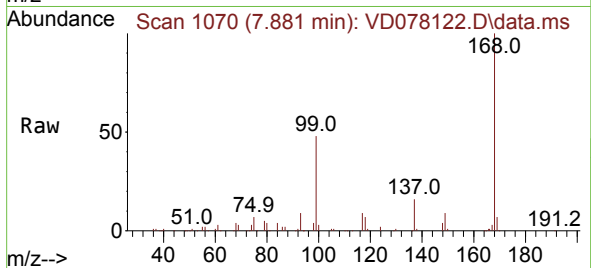
Tgt Ion: 43 Resp: 70
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



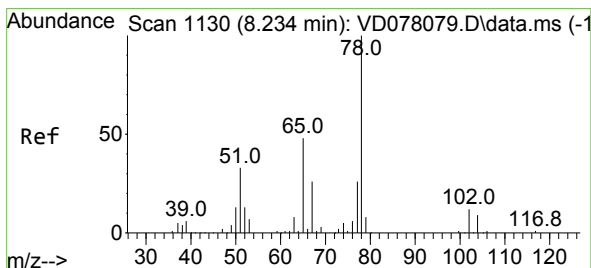
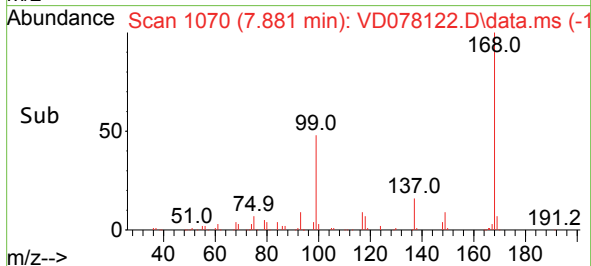
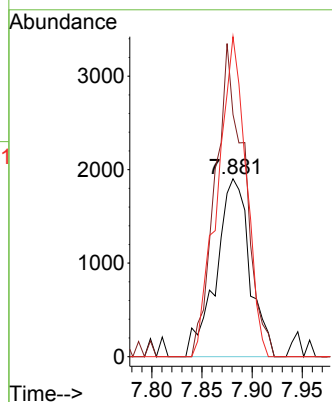


#31
Cyclohexane
Concen: 1.452 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Instrument :
MSVOA_D
ClientSampleId :

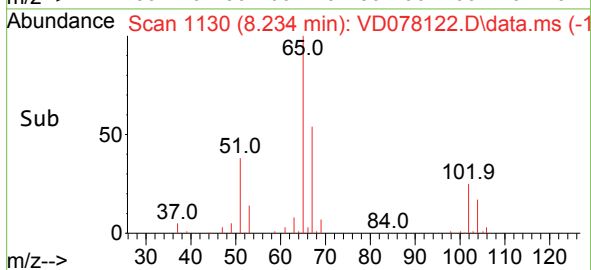
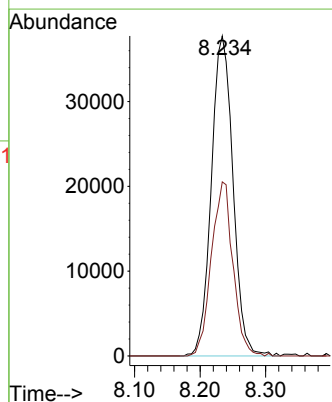
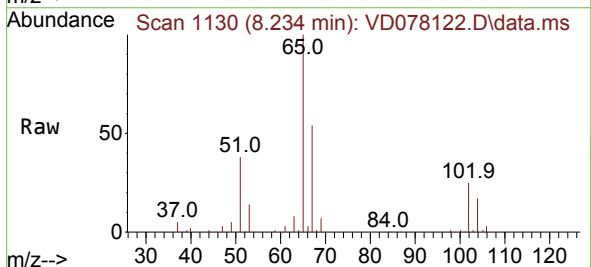


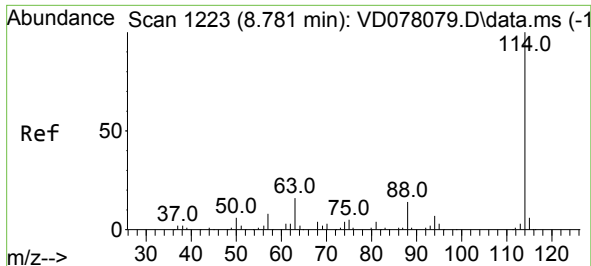
Tgt Ion: 56 Resp: 4417
Ion Ratio Lower Upper
56 100
69 136.1 28.6 43.0#
84 179.8 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 45.390 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Tgt Ion: 65 Resp: 86540
Ion Ratio Lower Upper
65 100
67 54.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078122.D

Acq: 02 Jan 2024 14:50

Instrument :

MSVOA_D

ClientSampleId :

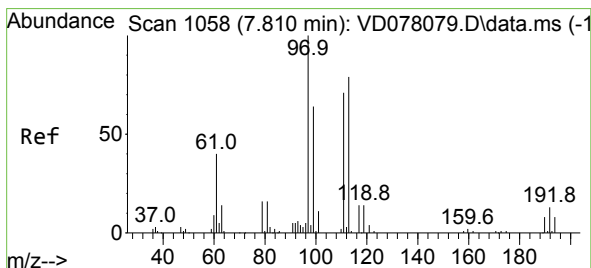
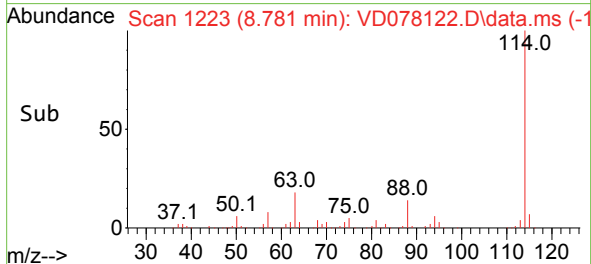
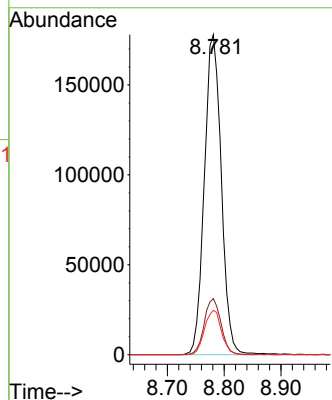
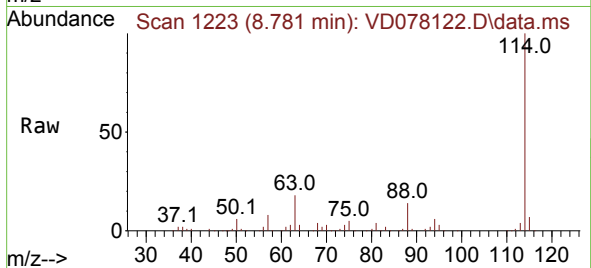
Tgt Ion:114 Resp: 368552

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.317 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078122.D

Acq: 02 Jan 2024 14:50

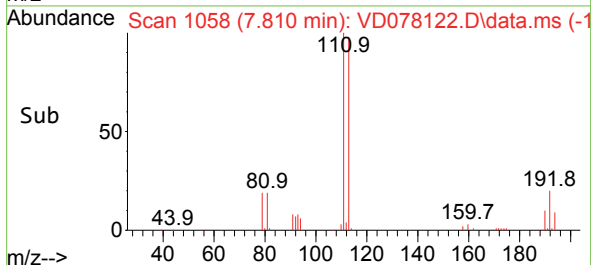
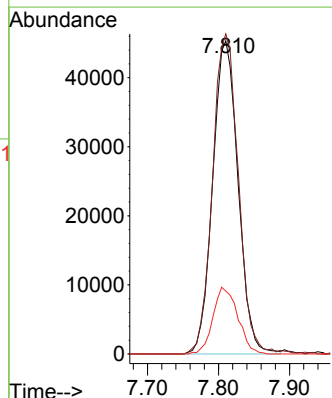
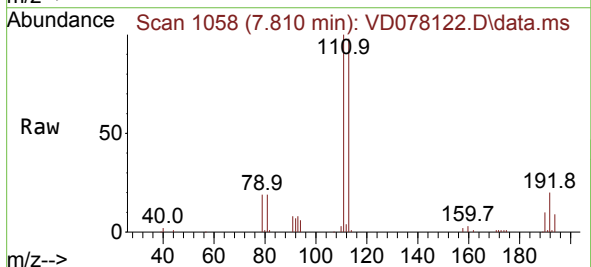
Tgt Ion:113 Resp: 112206

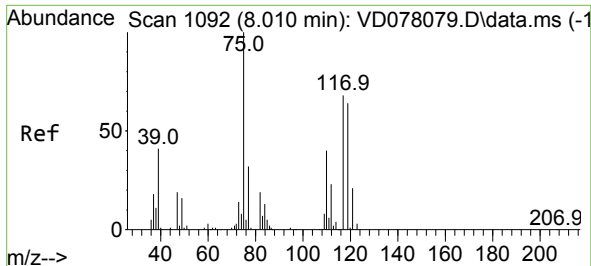
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 20.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.519 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

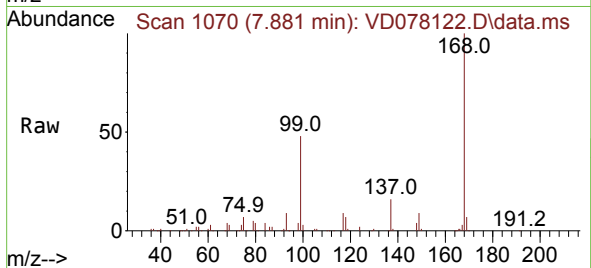
Lab File: VD078122.D

Acq: 02 Jan 2024 14:50

Instrument :

MSVOA_D

ClientSampleId :



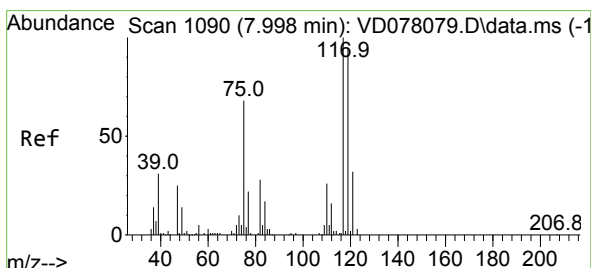
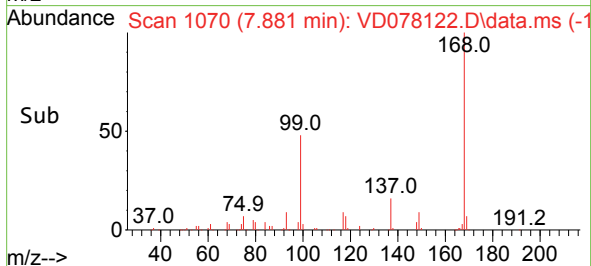
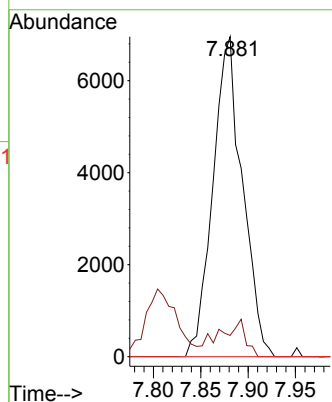
Tgt Ion: 75 Resp: 15078

Ion Ratio Lower Upper

75 100

110 10.6 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.455 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.117 min

Lab File: VD078122.D

Acq: 02 Jan 2024 14:50

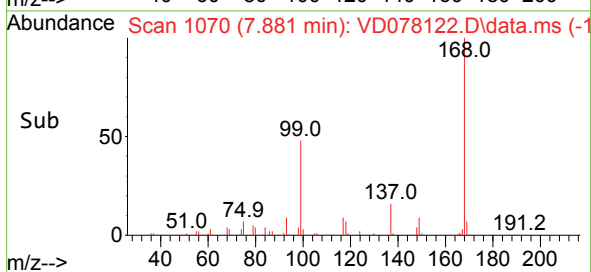
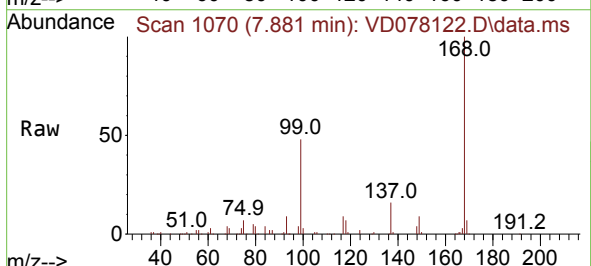
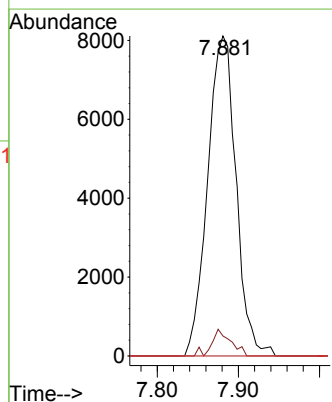
Tgt Ion: 117 Resp: 19723

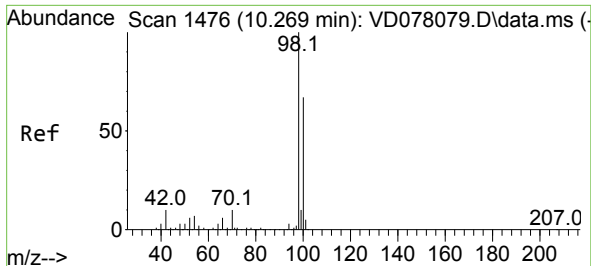
Ion Ratio Lower Upper

117 100

119 6.3 78.0 117.0#

121 0.0 24.2 36.2#

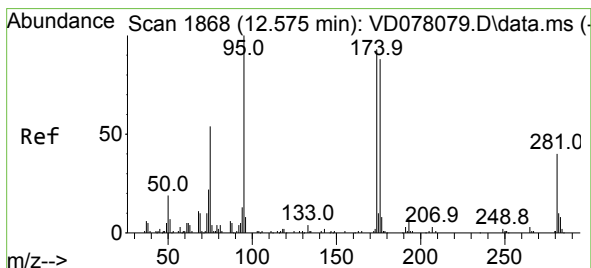
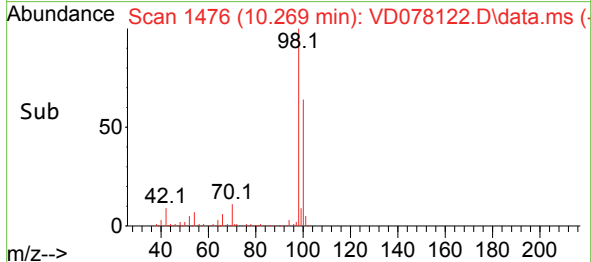
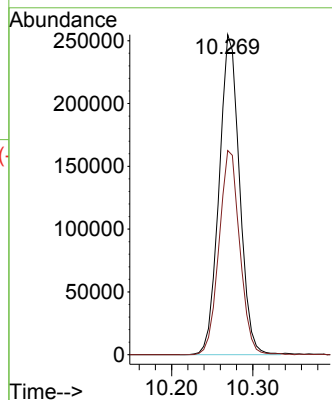
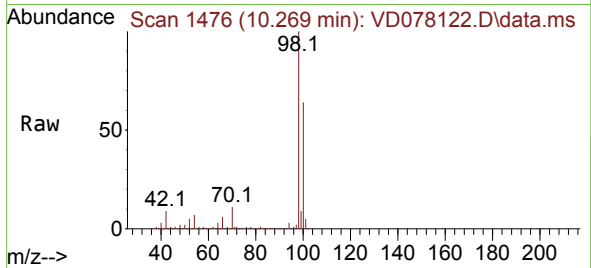




#50
Toluene-d8
Concen: 53.398 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

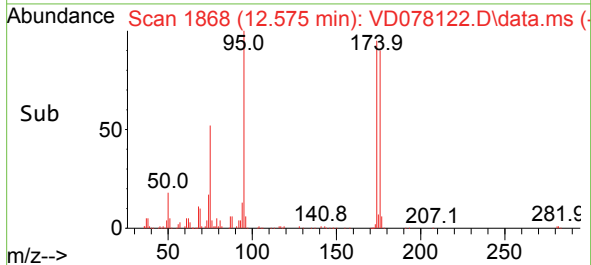
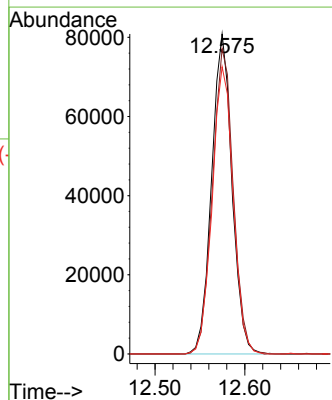
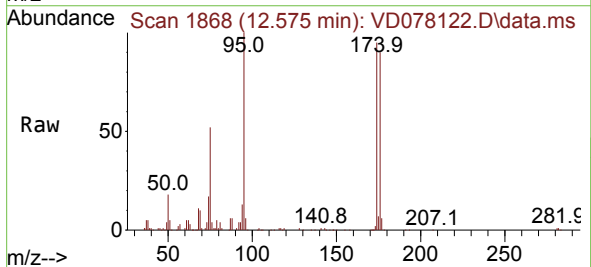
Instrument :
MSVOA_D
ClientSampleId :

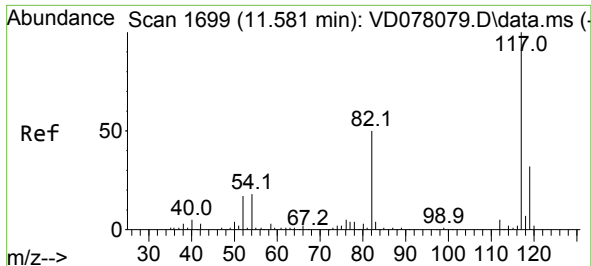
Tgt Ion: 98 Resp: 445560
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Tgt Ion: 95 Resp: 127245
Ion Ratio Lower Upper
95 100
174 97.9 0.0 201.8
176 92.6 0.0 191.8

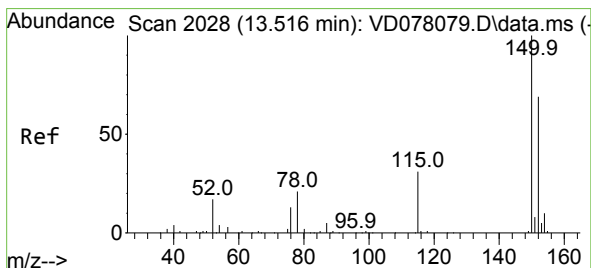
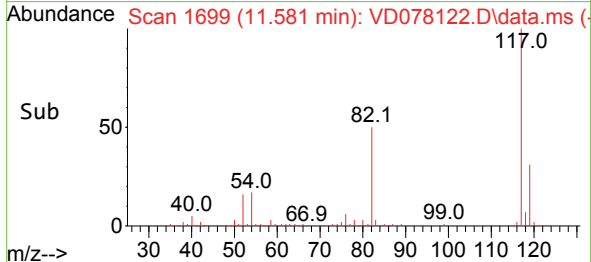
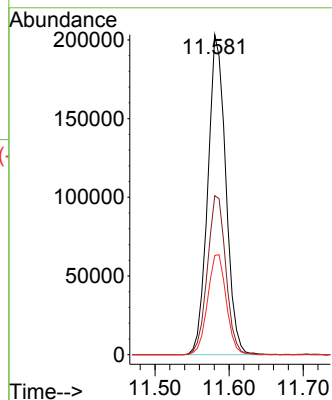
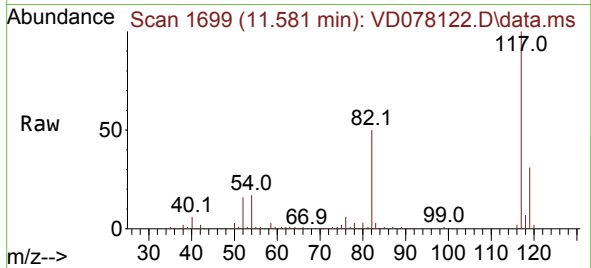




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

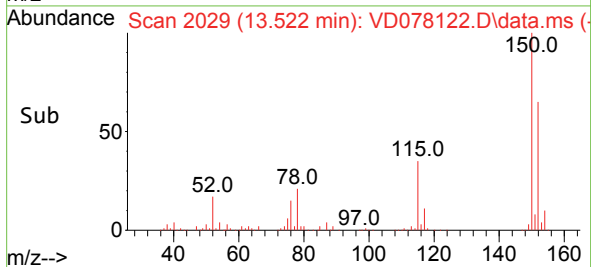
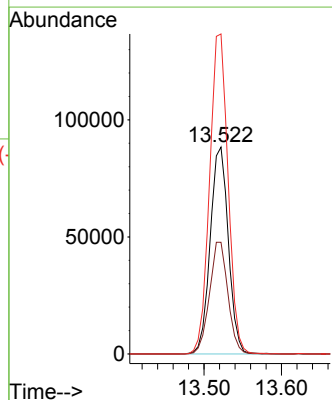
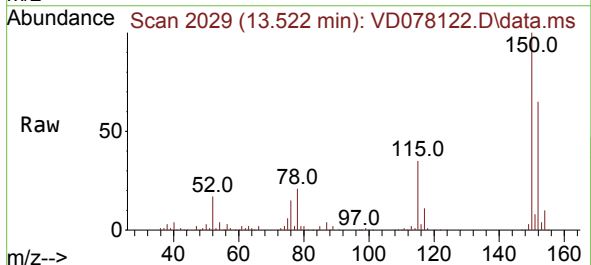
Instrument :
MSVOA_D
ClientSampleId :

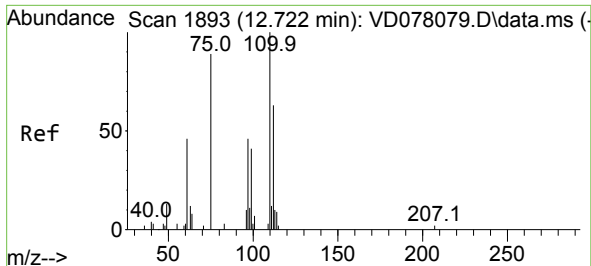
Tgt Ion:117 Resp: 342390
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 31.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Tgt Ion:152 Resp: 143838
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 157.1 0.0 353.6

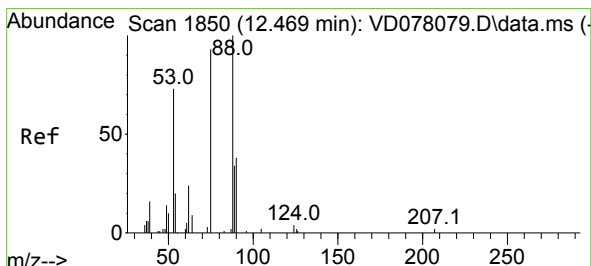
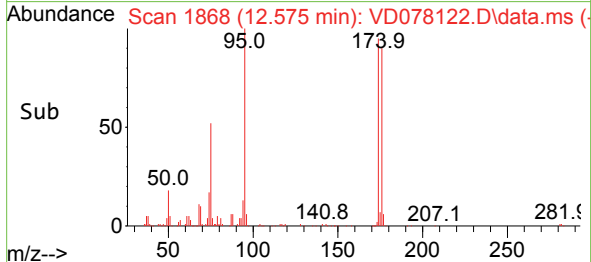
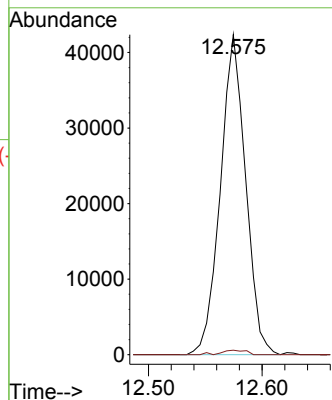
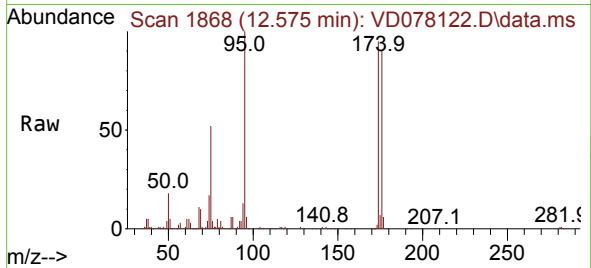




#76
1,2,3-Trichloropropane
Concen: 53.850 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 65347
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.033 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078122.D
Acq: 02 Jan 2024 14:50

Tgt Ion: 75 Resp: 65347
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

