

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079302.D
 Acq On : 01 Jul 2024 18:03
 Operator : RP/MD
 Sample : P3112-02
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 06:00:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

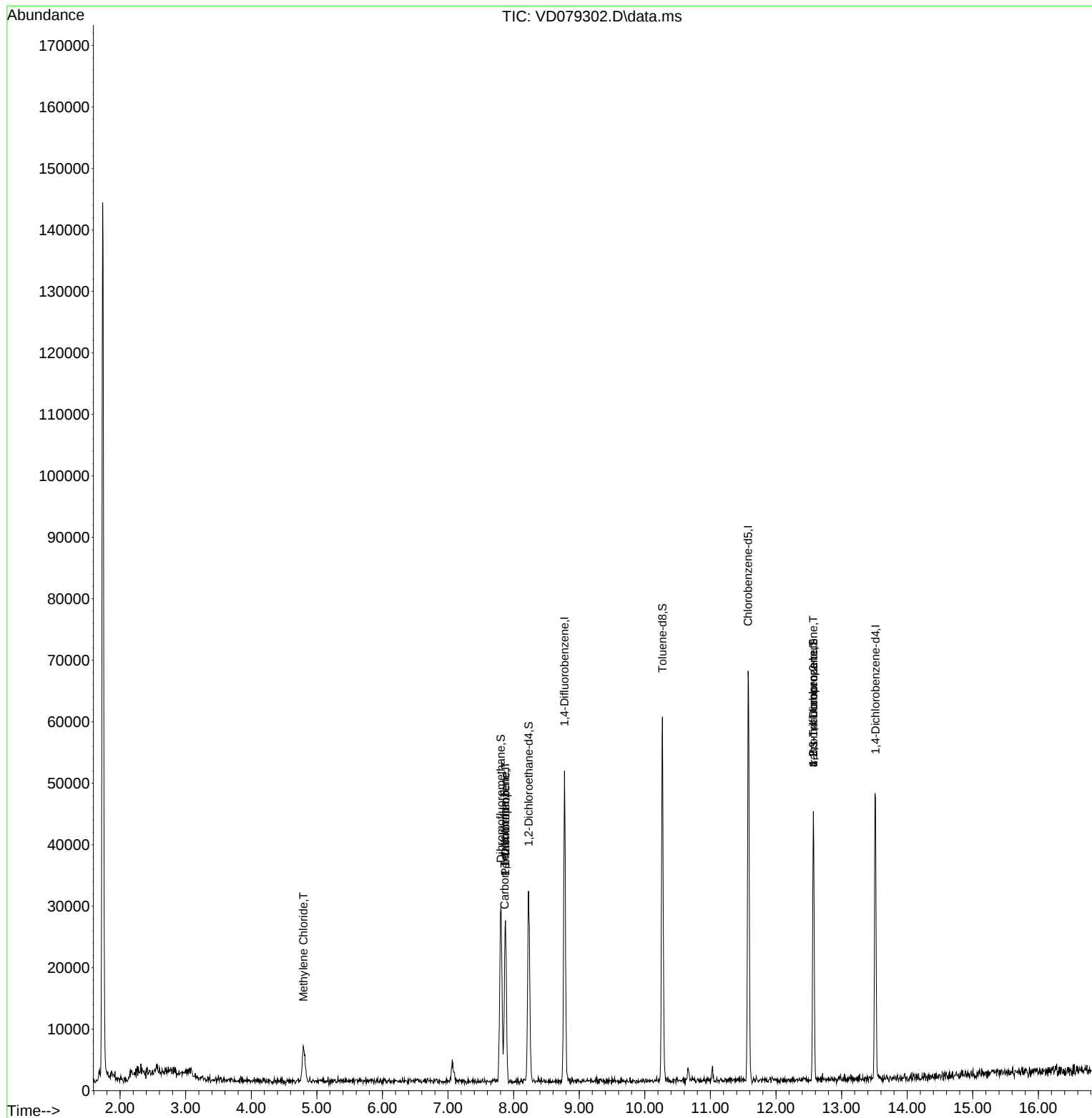
Internal Standards						
1) Pentafluorobenzene	7.875	168	19296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	41500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	38968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24198	135.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 270.420%#	
35) Dibromofluoromethane	7.805	113	21764	79.896	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.800%#	
50) Toluene-d8	10.269	98	41583	42.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.860%	
62) 4-Bromofluorobenzene	12.569	95	14178	45.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	213	Below Cal	#	80
20) Methylene Chloride	4.793	84	4608	10.206	ug/l #	81
36) 1,1-Dichloropropene	7.875	75	1801	4.255	ug/l #	39
38) Carbon Tetrachloride	7.863	117	1115	2.594	ug/l #	13
76) 1,2,3-Trichloropropane	12.569	75	7776	66.996	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	7776	124.318	ug/l #	19

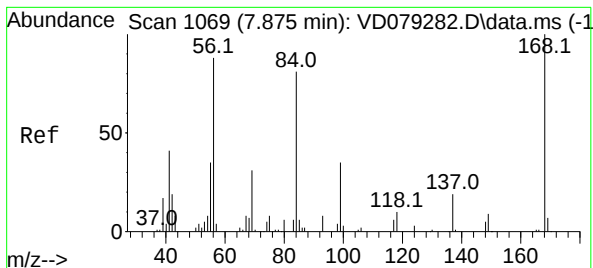
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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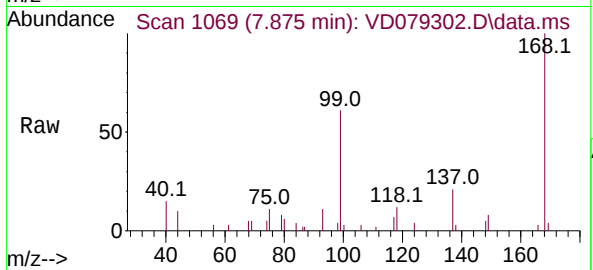
Quant Time: Jul 02 06:00:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



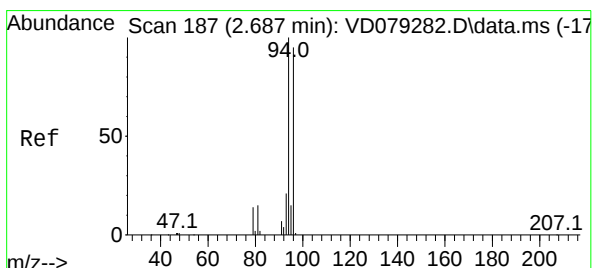
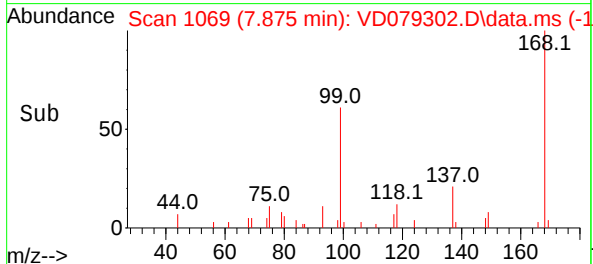
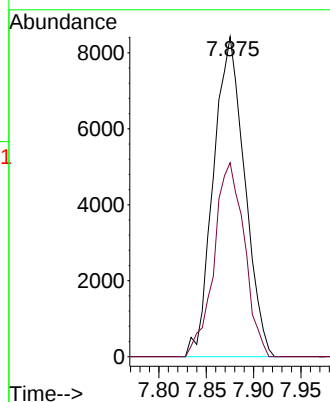


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :

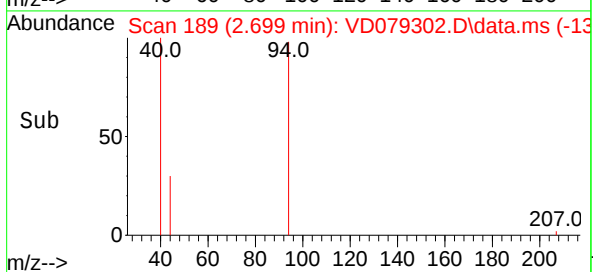
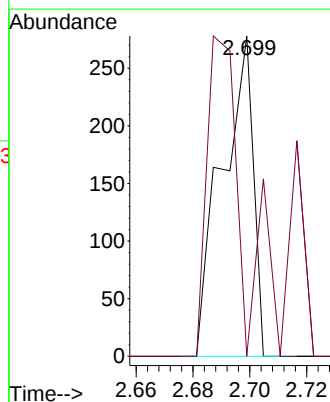
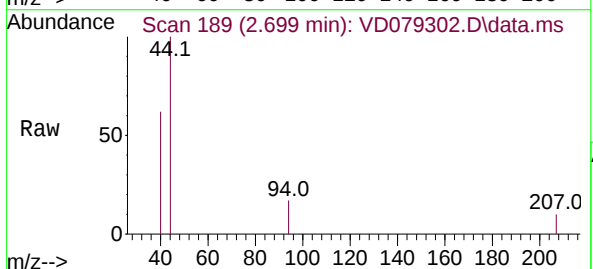


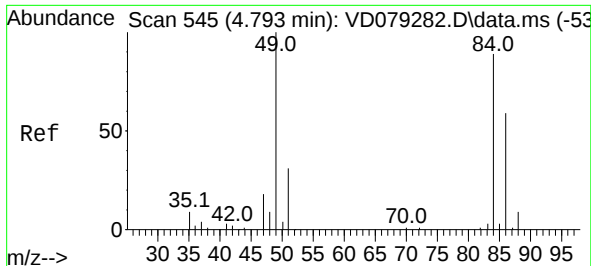
Tgt Ion:168 Resp: 19296
Ion Ratio Lower Upper
168 100
99 60.6 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.041 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

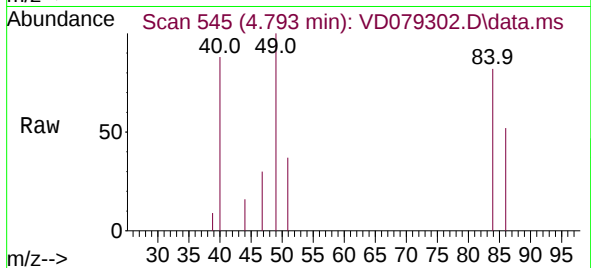
Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 115.5 76.9 115.3#



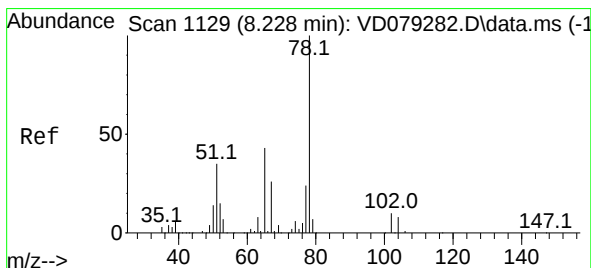
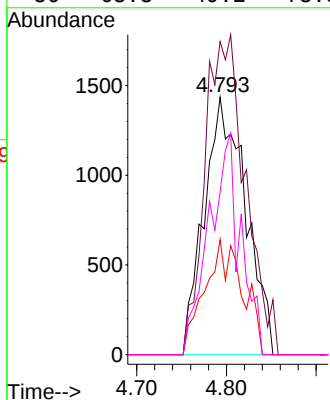
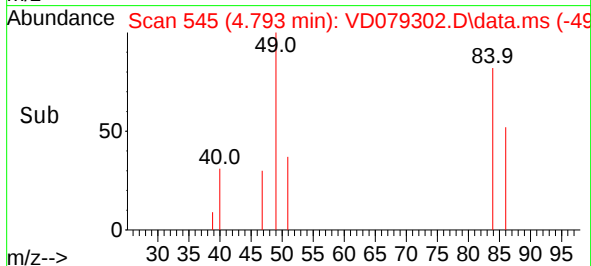


#20
Methylene Chloride
Concen: 10.206 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :

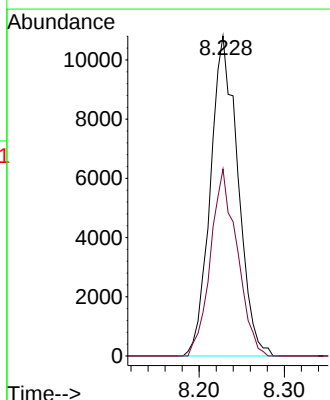
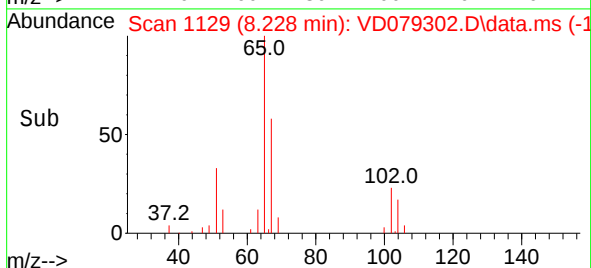
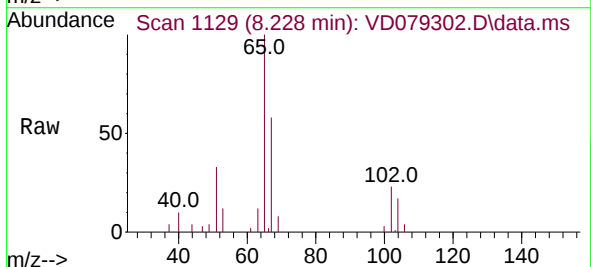


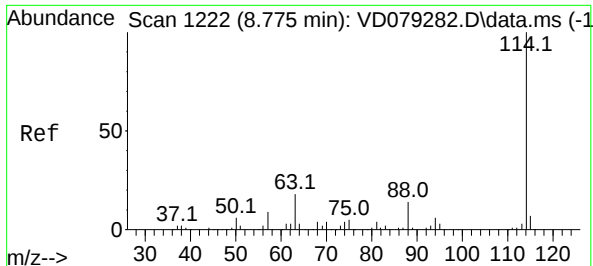
Tgt Ion: 84 Resp: 4608
Ion Ratio Lower Upper
84 100
49 121.7 75.6 113.4#
51 44.7 24.2 36.2#
86 63.3 49.2 73.8



#33
1,2-Dichloroethane-d4
Concen: 135.213 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Tgt Ion: 65 Resp: 24198
Ion Ratio Lower Upper
65 100
67 56.6 0.0 111.0

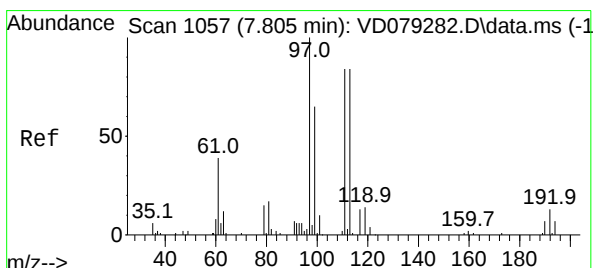
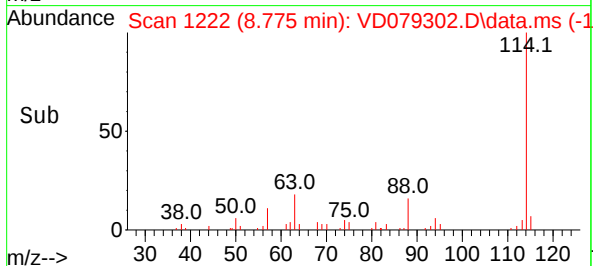
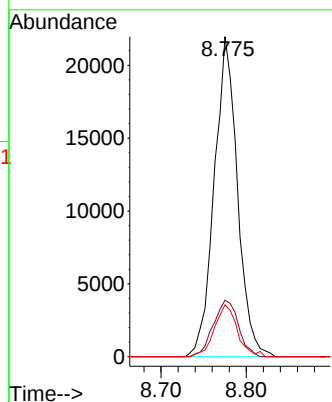
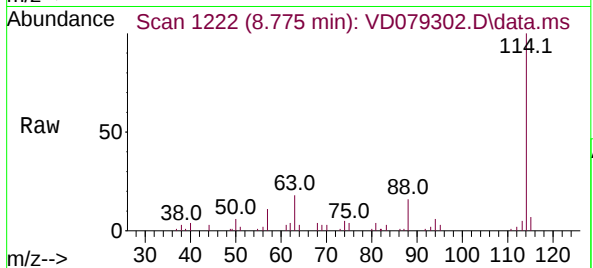




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

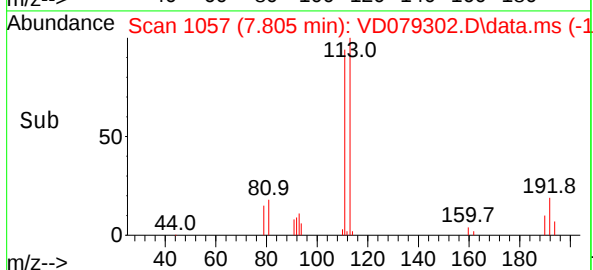
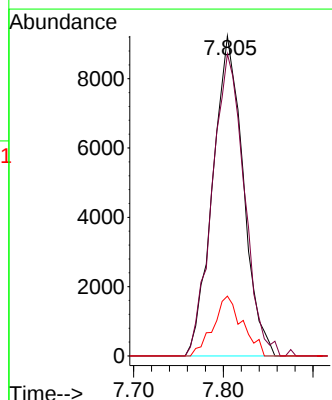
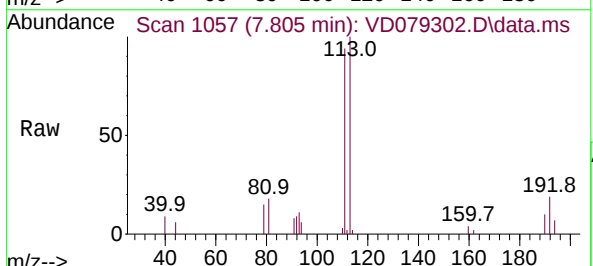
Instrument :
MSVOA_D
ClientSampleId :

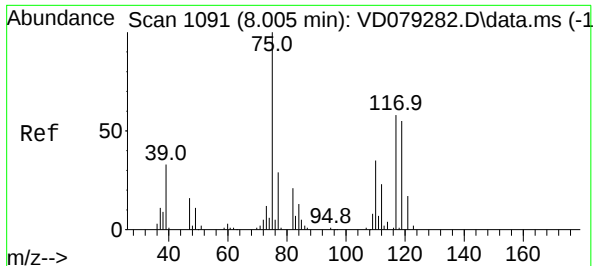
Tgt Ion:114 Resp: 41500
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.0
88 16.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 79.896 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Tgt Ion:113 Resp: 21764
Ion Ratio Lower Upper
113 100
111 99.1 84.0 126.0
192 17.9 15.4 23.0

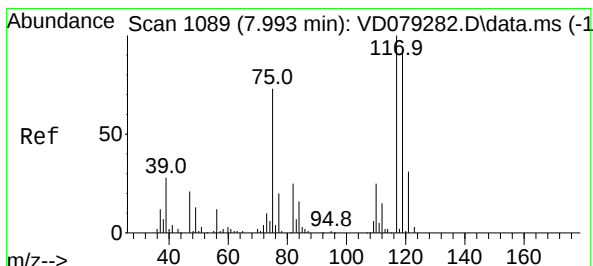
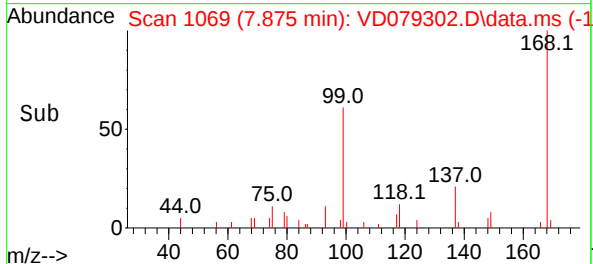
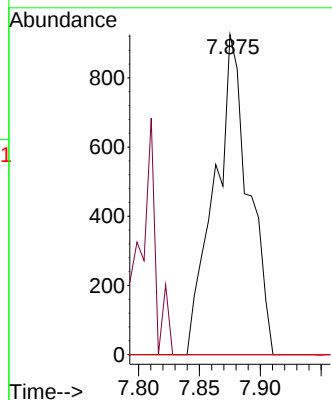
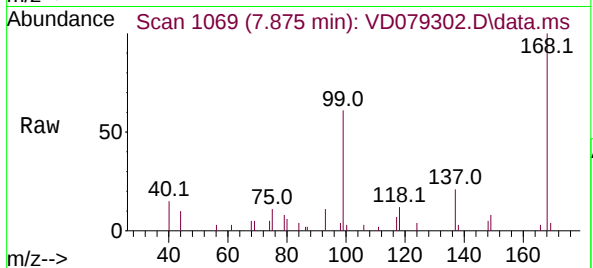




#36
1,1-Dichloropropene
Concen: 4.255 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

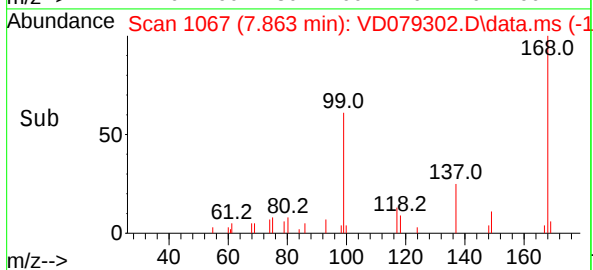
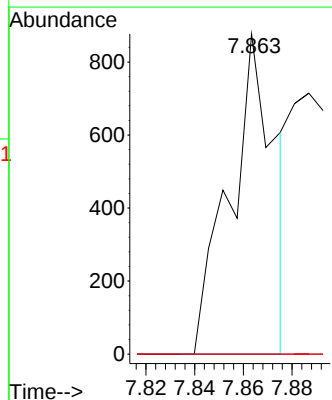
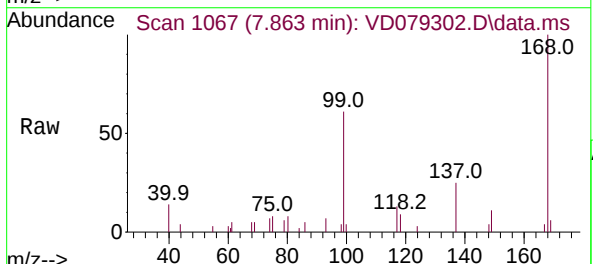
Instrument :
MSVOA_D
ClientSampleId :

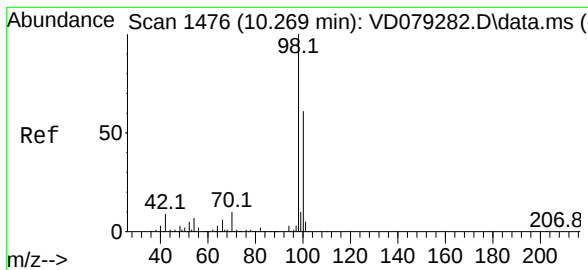
Tgt Ion: 75 Resp: 1801
Ion Ratio Lower Upper
75 100
110 0.0 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 2.594 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.124 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Tgt Ion: 117 Resp: 1115
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#

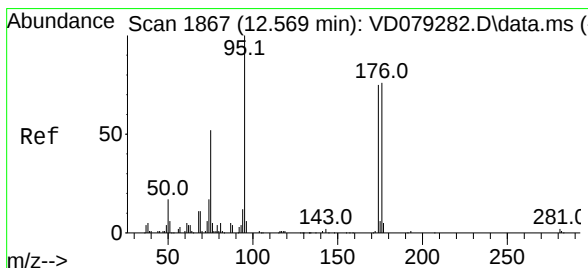
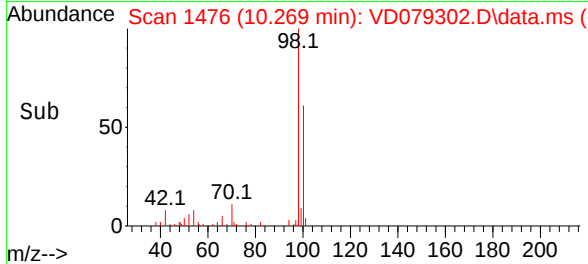
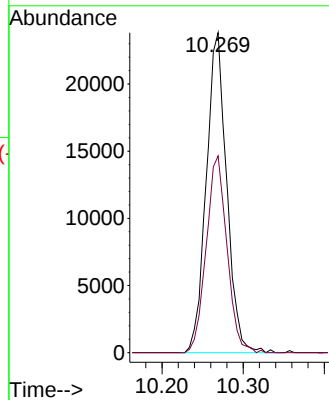
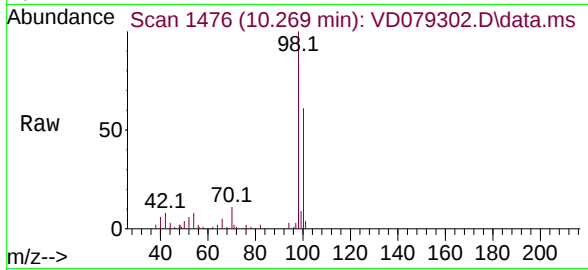




#50
Toluene-d8
Concen: 42.433 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

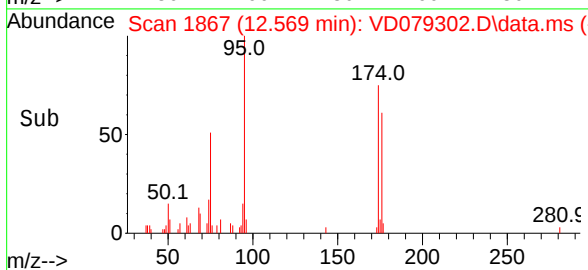
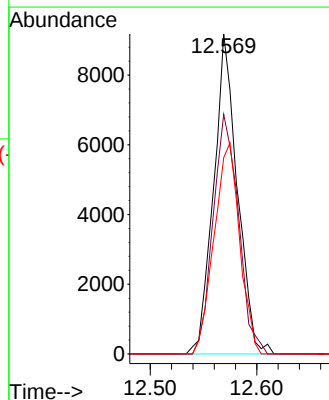
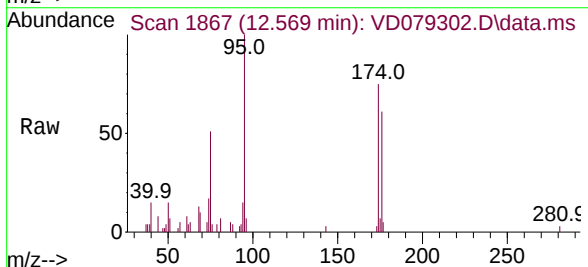
Instrument :
MSVOA_D
ClientSampleId :

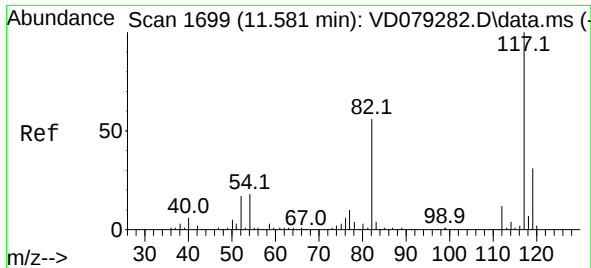
Tgt Ion: 98 Resp: 41583
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.118 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Tgt Ion: 95 Resp: 14178
Ion Ratio Lower Upper
95 100
174 80.0 0.0 195.4
176 71.1 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079302.D

Acq: 01 Jul 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

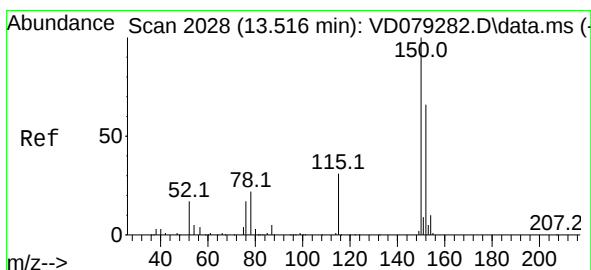
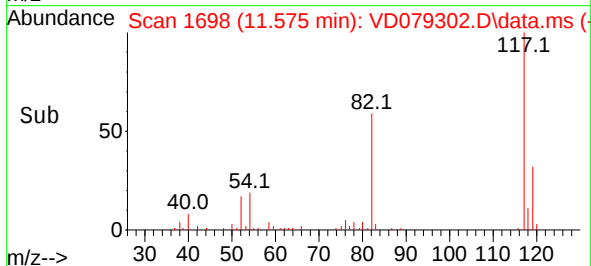
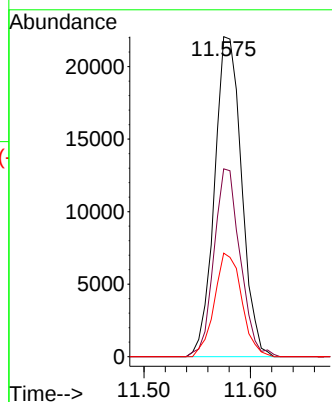
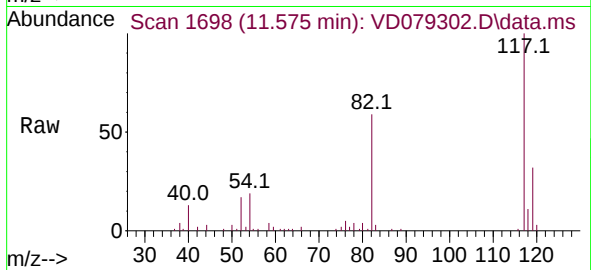
Tgt Ion:117 Resp: 38968

Ion Ratio Lower Upper

117 100

82 58.7 39.8 59.6

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079302.D

Acq: 01 Jul 2024 18:03

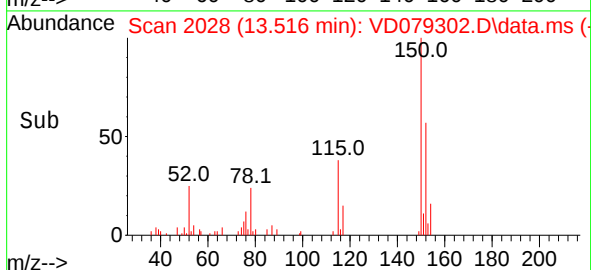
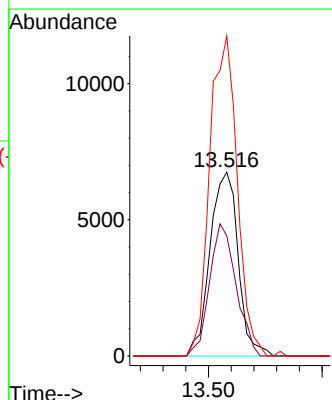
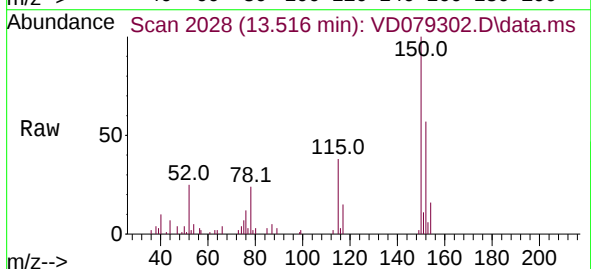
Tgt Ion:152 Resp: 11598

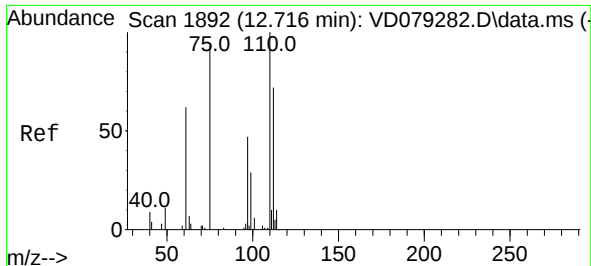
Ion Ratio Lower Upper

152 100

115 67.8 26.5 79.5

150 169.9 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 66.996 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079302.D

Acq: 01 Jul 2024 18:03

Instrument :

MSVOA_D

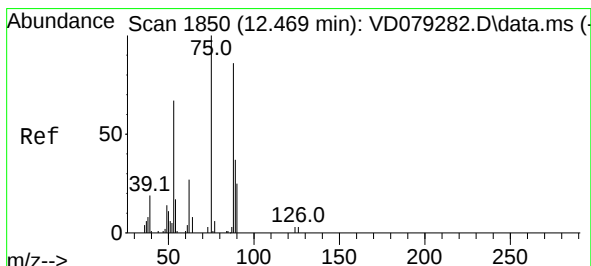
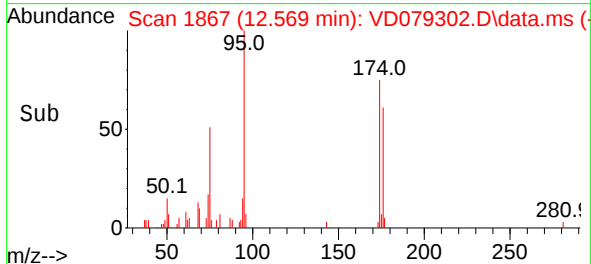
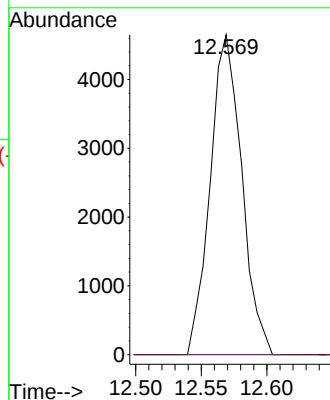
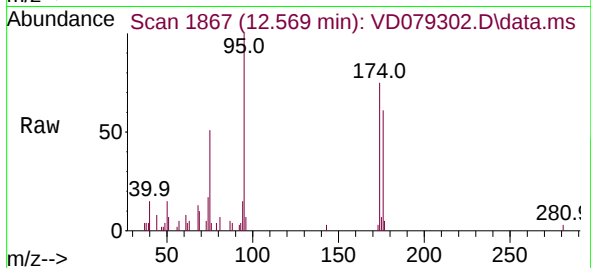
ClientSampleId :

Tgt Ion: 75 Resp: 7776

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 124.318 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD079302.D

Acq: 01 Jul 2024 18:03

Tgt Ion: 75 Resp: 7776

Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.0 35.4 53.0#

