

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079298.D
 Acq On : 01 Jul 2024 16:13
 Operator : RP/MD
 Sample : P3077-01
 Misc : 8.20G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

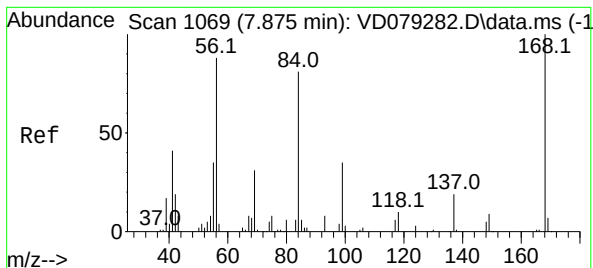
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 05:58:55 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)

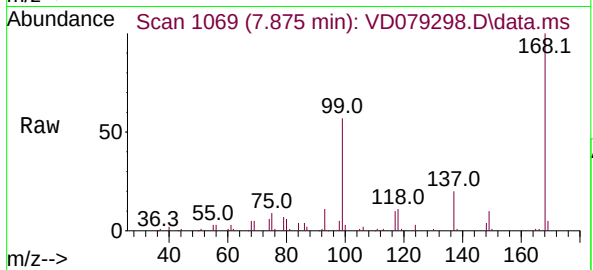
Internal Standards						
1) Pentafluorobenzene	7.875	168	119484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	256744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75156	65.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.200%
35) Dibromofluoromethane	7.804	113	87944	52.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.263	98	217815	35.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.860%
62) 4-Bromofluorobenzene	12.569	95	81361	41.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.700%
Target Compounds						
5) Bromomethane	2.705	94	258	Below Cal		95
10) Methyl Iodide	4.169	142	53	6.166 ug/l #		41
31) Cyclohexane	7.875	56	3114	1.226 ug/l #		36
36) 1,1-Dichloropropene	7.875	75	11448	4.372 ug/l #		45
38) Carbon Tetrachloride	7.875	117	13058	4.911 ug/l #		18
56) Ethyl methacrylate	10.581	69	334	3.879 ug/l #		35
60) Dibromochloromethane	10.810	129	8184	4.456 ug/l #		11
64) Tetrachloroethene	10.810	164	8378	6.044 ug/l		86
76) 1,2,3-Trichloropropane	12.569	75	42075	54.904 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.569	75	42075	101.881 ug/l #		19

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

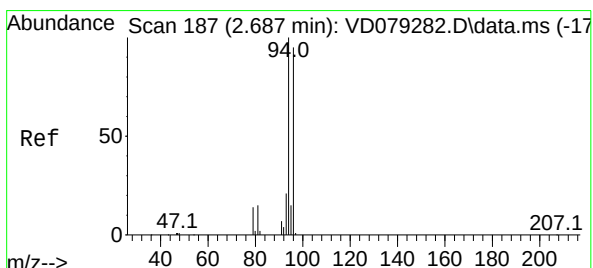
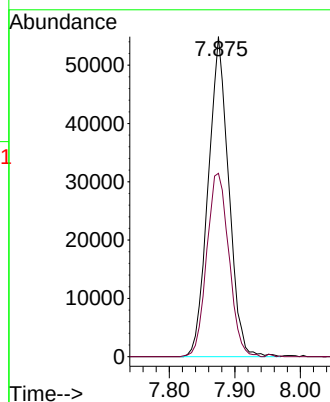
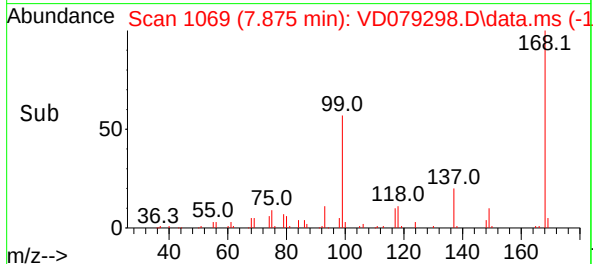


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

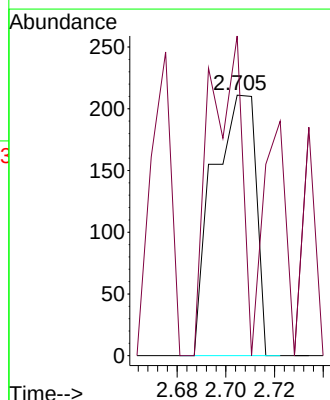
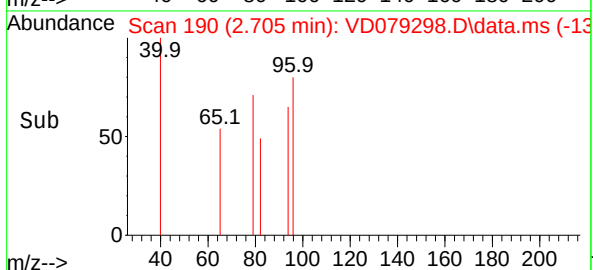
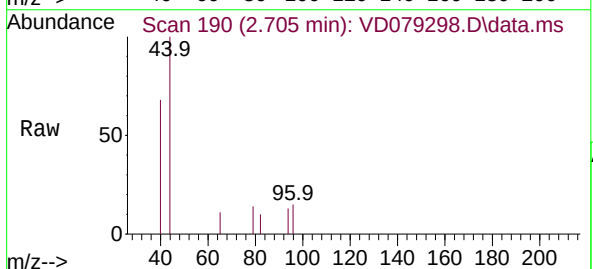


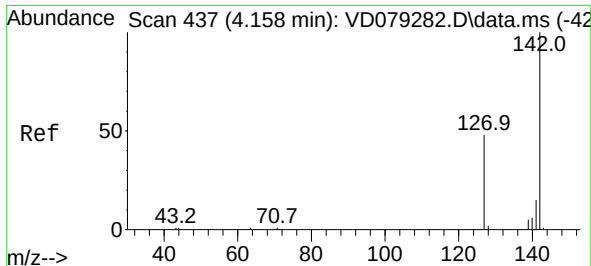
Tgt Ion:168 Resp: 119484
Ion Ratio Lower Upper
168 100
99 57.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.705 min Scan# 190
Delta R.T. 0.047 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

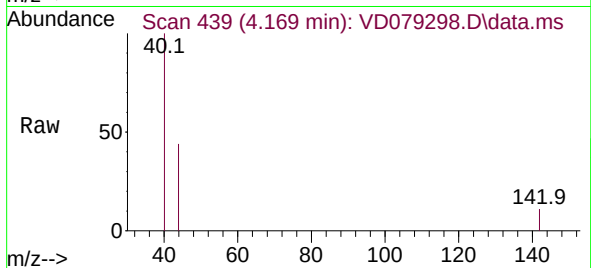
Tgt Ion: 94 Resp: 258
Ion Ratio Lower Upper
94 100
96 91.5 76.9 115.3



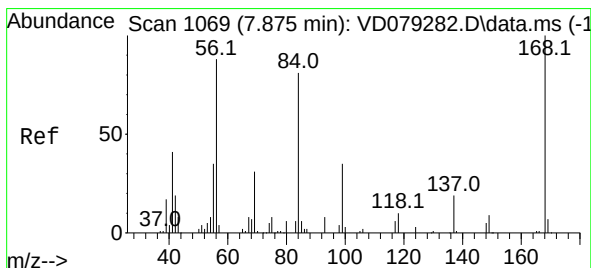
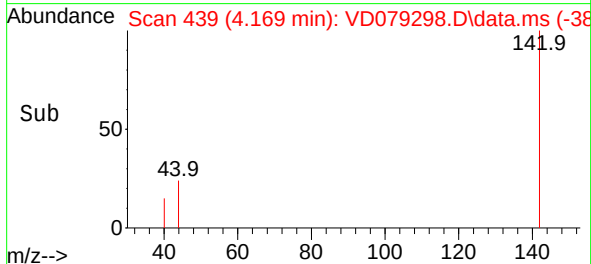
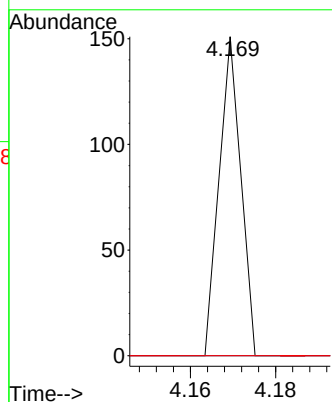


#10
Methyl Iodide
Concen: 6.166 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

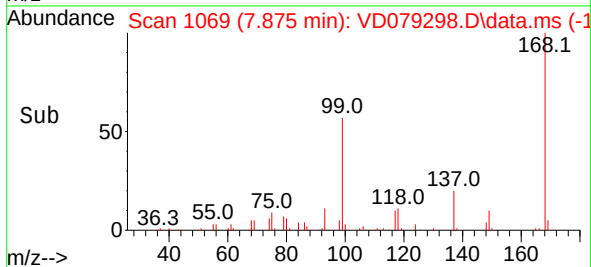
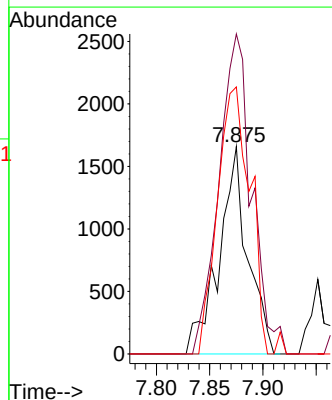
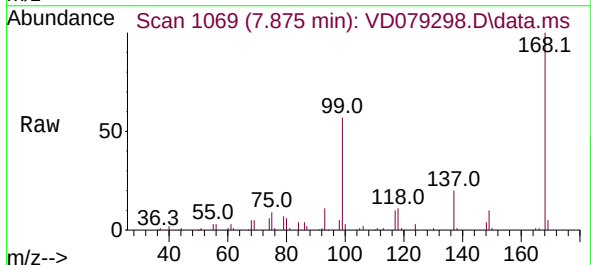


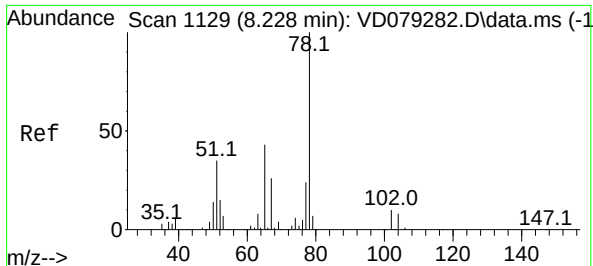
Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 34.2 51.4#
141 0.0 11.7 17.5#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Tgt Ion: 56 Resp: 3114
Ion Ratio Lower Upper
56 100
69 154.3 28.0 42.0#
84 128.8 87.4 131.0

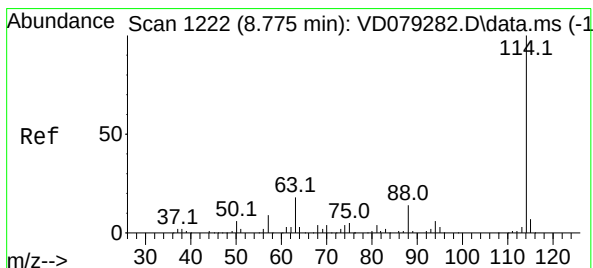
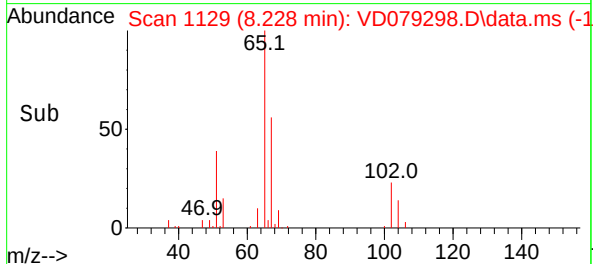
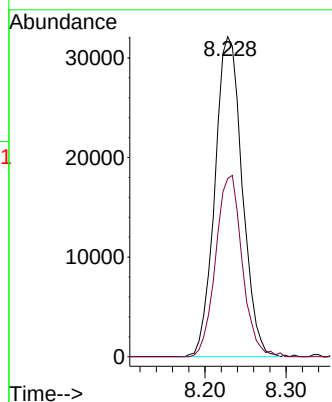
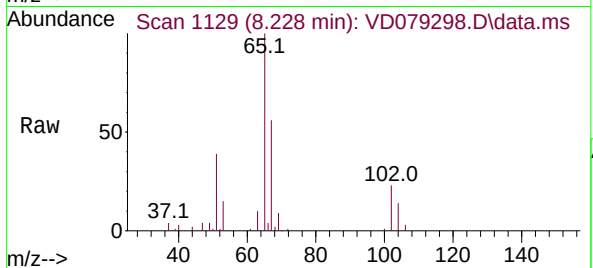




#33
 1,2-Dichloroethane-d4
 Concen: 65.598 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079298.D
 Acq: 01 Jul 2024 16:13

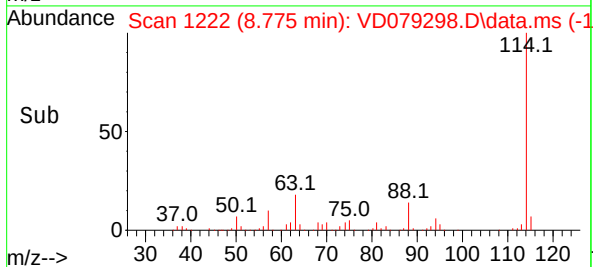
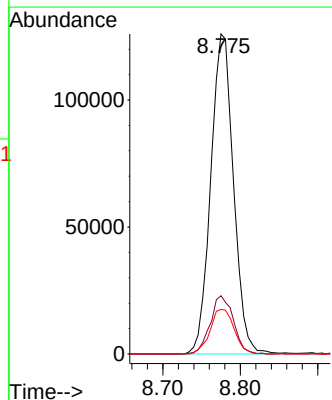
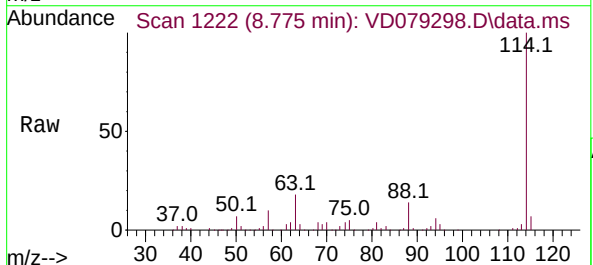
Instrument :
 MSVOA_D
 ClientSampleId :

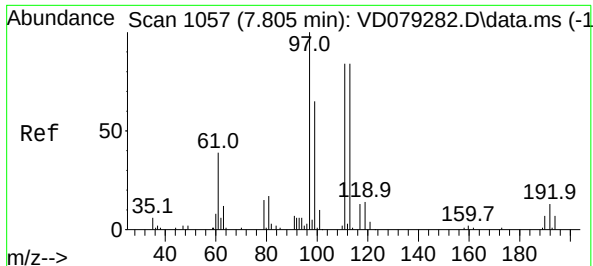
Tgt Ion: 65 Resp: 75156
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079298.D
 Acq: 01 Jul 2024 16:13

Tgt Ion:114 Resp: 256744
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.0
 88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.184 ug/l

RT: 7.804 min Scan# 1

Delta R.T. -0.000 min

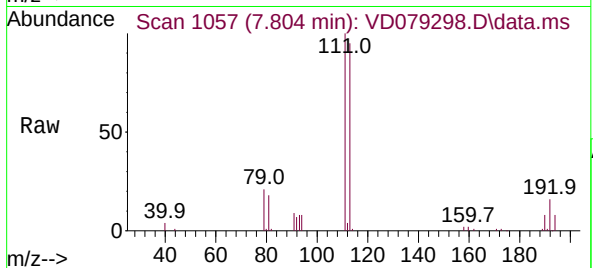
Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



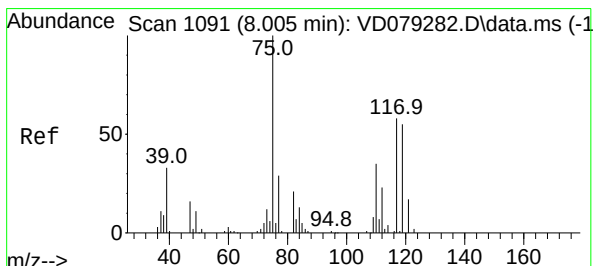
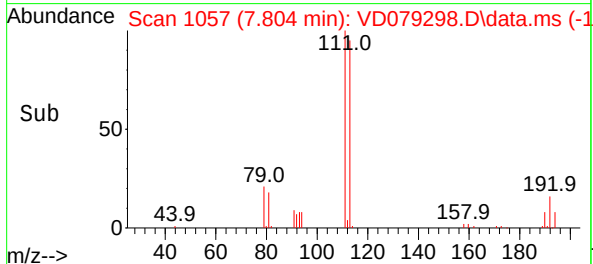
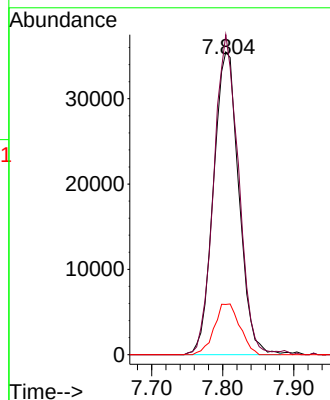
Tgt Ion:113 Resp: 87944

Ion Ratio Lower Upper

113 100

111 102.9 84.0 126.0

192 16.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.372 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

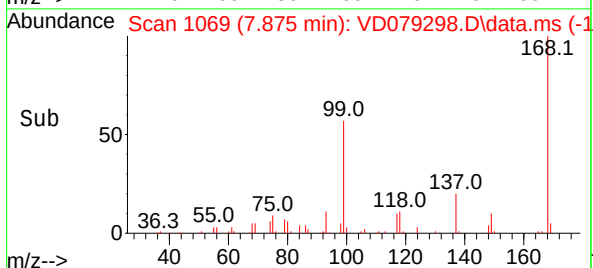
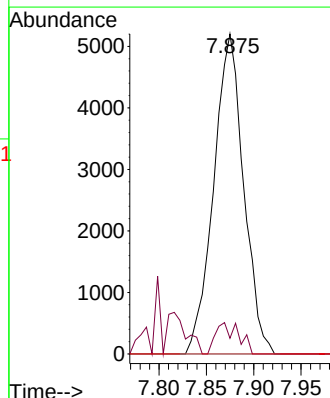
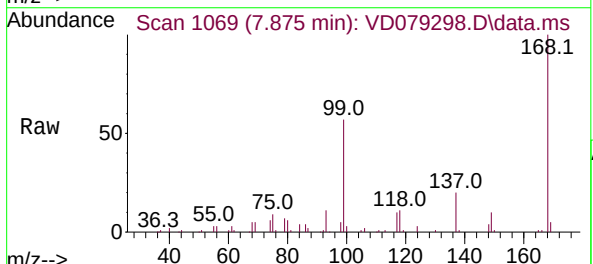
Tgt Ion: 75 Resp: 11448

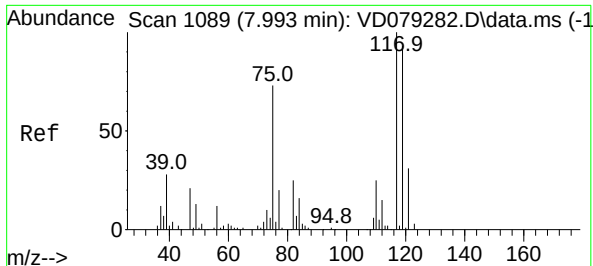
Ion Ratio Lower Upper

75 100

110 7.5 19.6 58.7#

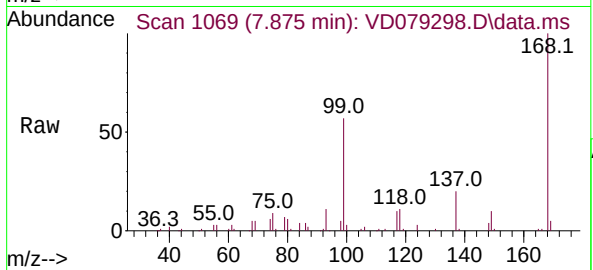
77 0.0 26.1 39.1#



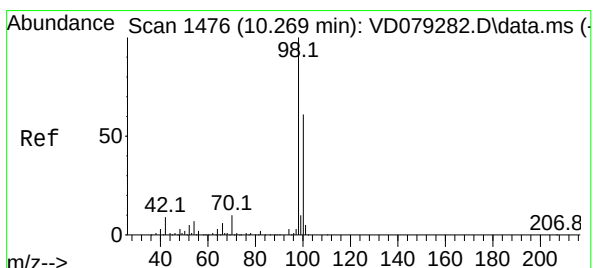
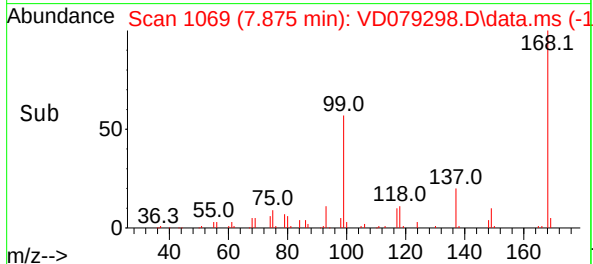
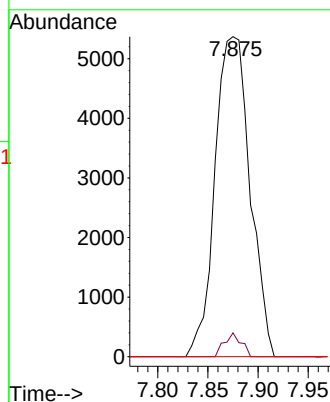


#38
Carbon Tetrachloride
Concen: 4.911 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

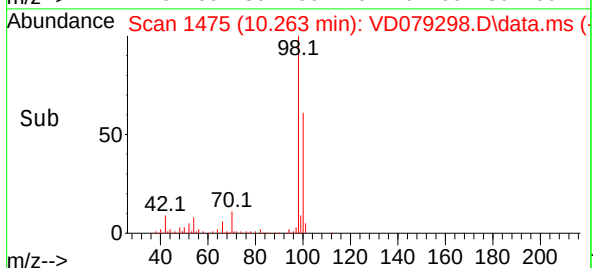
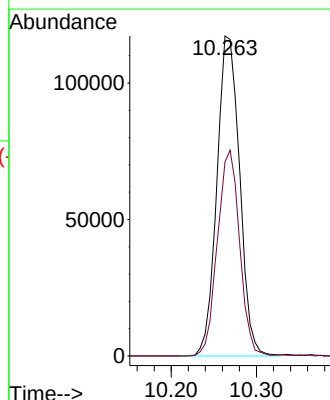
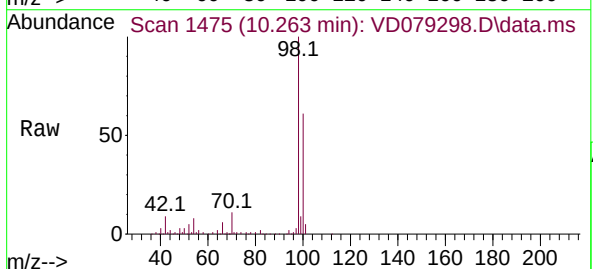


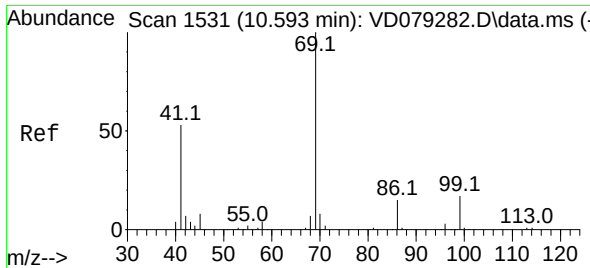
Tgt Ion:117 Resp: 13058
Ion Ratio Lower Upper
117 100
119 7.4 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 35.927 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Tgt Ion: 98 Resp: 217815
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

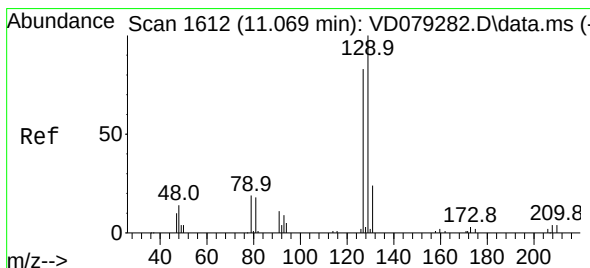
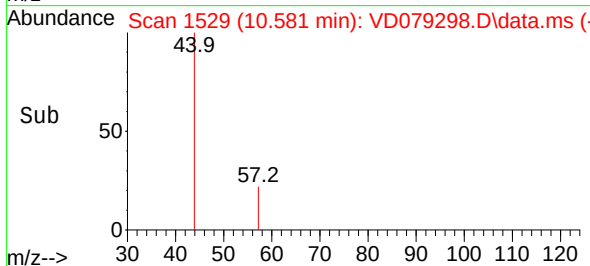
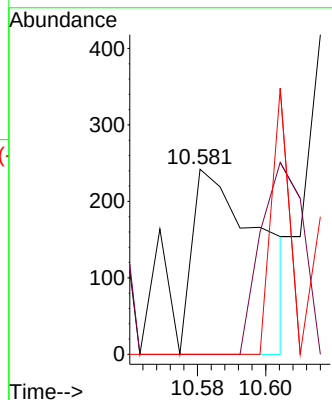
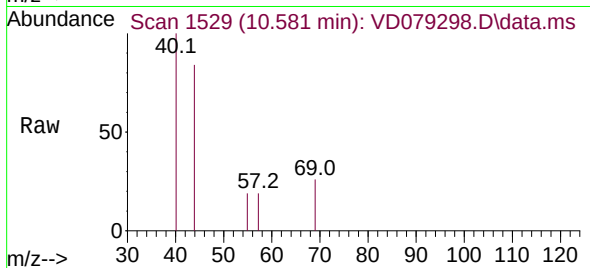




#56
Ethyl methacrylate
Concen: 3.879 ug/l
RT: 10.581 min Scan# 1529
Delta R.T. -0.012 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

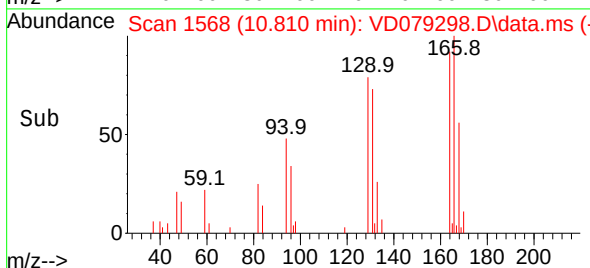
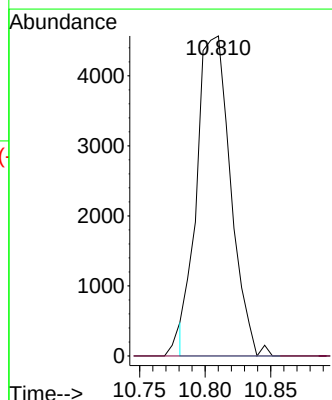
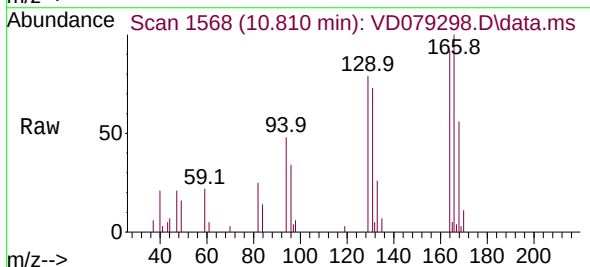
Instrument :
MSVOA_D
ClientSampleId :

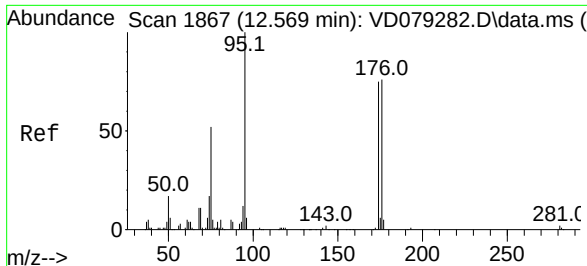
Tgt Ion: 69 Resp: 334
Ion Ratio Lower Upper
69 100
41 0.0 39.8 59.6#
39 0.0 20.2 30.4#



#60
Dibromochloromethane
Concen: 4.456 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.259 min
Lab File: VD079298.D
Acq: 01 Jul 2024 16:13

Tgt Ion: 129 Resp: 8184
Ion Ratio Lower Upper
129 100
127 0.0 38.0 113.9#





#62

4-Bromofluorobenzene

Concen: 41.850 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

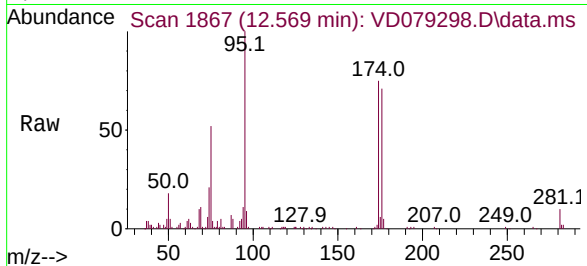
Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

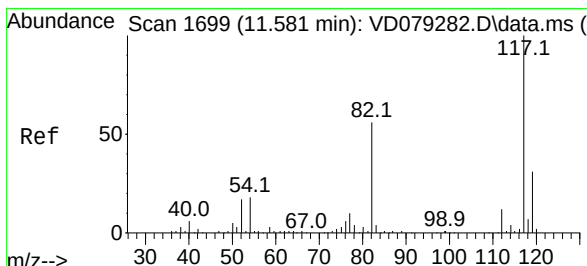
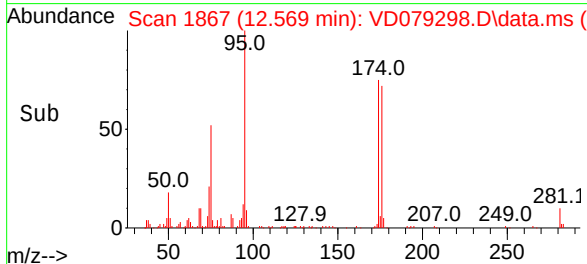
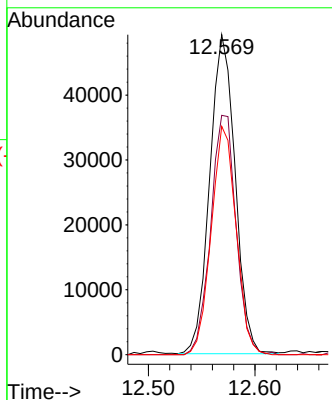
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	95	Resp:	81361
Ion Ratio	Lower	Upper	
95	100		
174	74.9	0.0	195.4
176	70.1	0.0	192.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

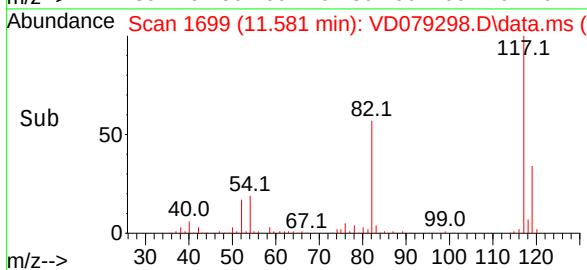
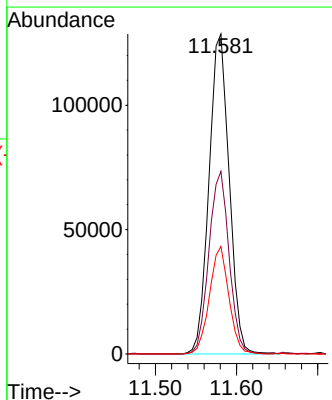
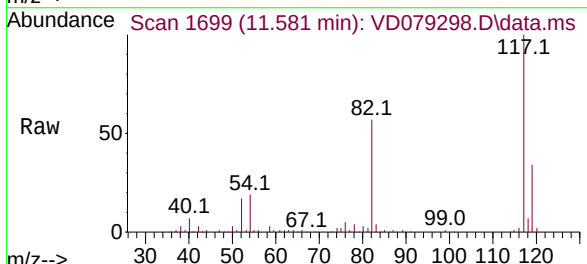
RT: 11.581 min Scan# 1699

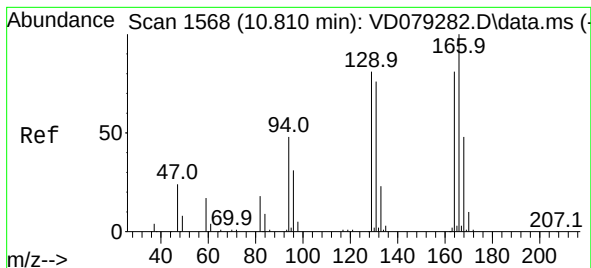
Delta R.T. -0.000 min

Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

Tgt Ion:	117	Resp:	222488
Ion Ratio	Lower	Upper	
117	100		
82	57.0	39.8	59.6
119	33.6	25.7	38.5





#64

Tetrachloroethene

Concen: 6.044 ug/l

RT: 10.810 min Scan# 1

Delta R.T. 0.006 min

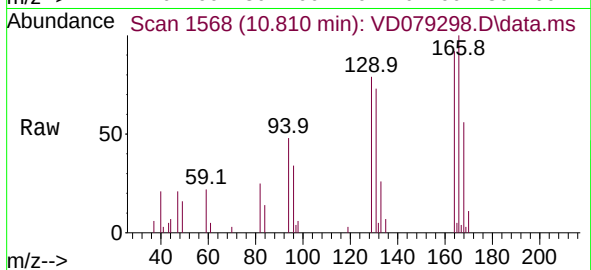
Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:164 Resp: 8378

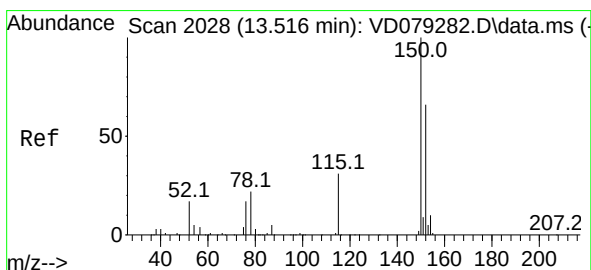
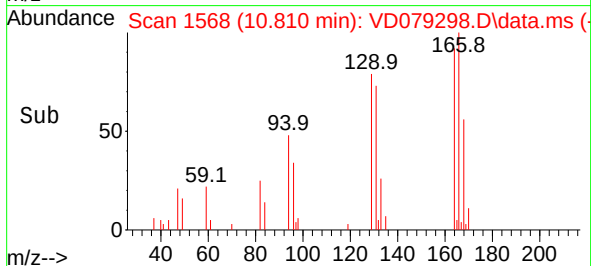
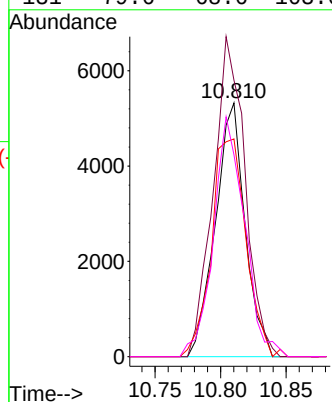
Ion Ratio Lower Upper

164 100

166 109.0 108.6 163.0

129 85.8 74.6 112.0

131 79.6 68.6 103.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

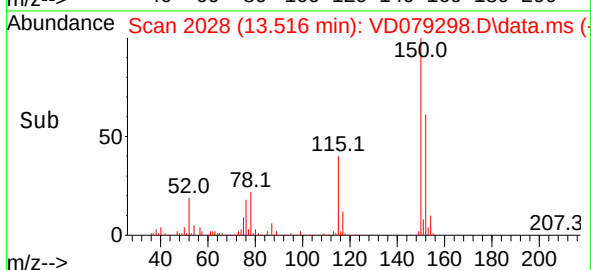
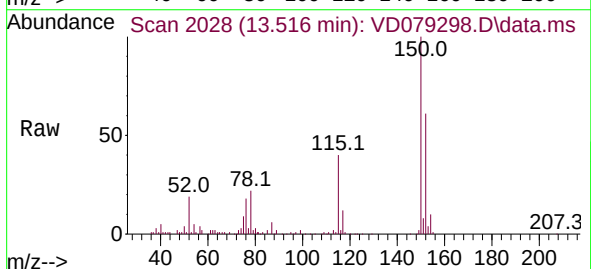
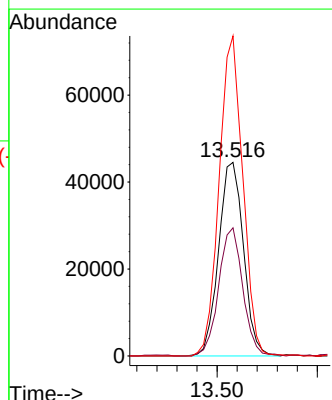
Tgt Ion:152 Resp: 76576

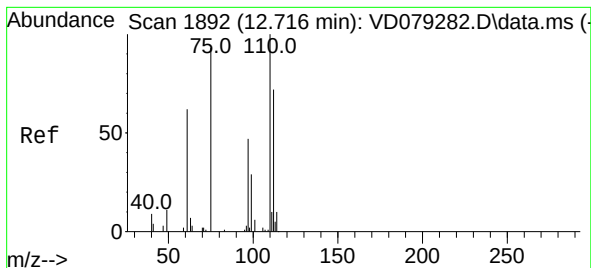
Ion Ratio Lower Upper

152 100

115 64.0 26.5 79.5

150 157.2 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 54.904 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

Instrument :

MSVOA_D

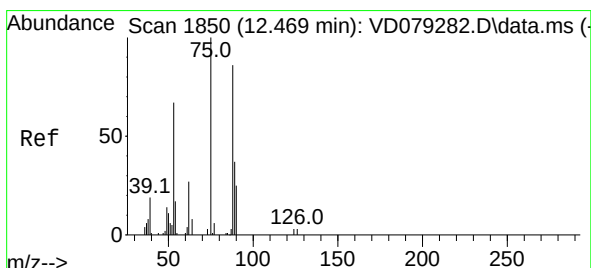
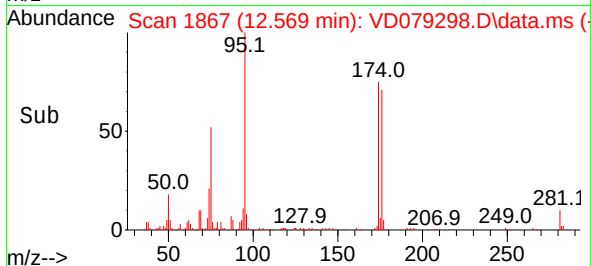
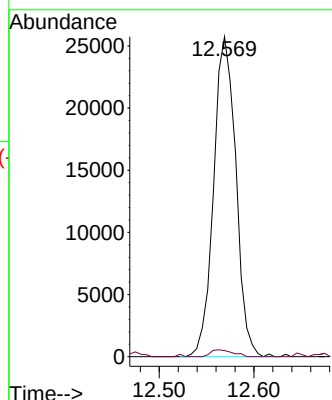
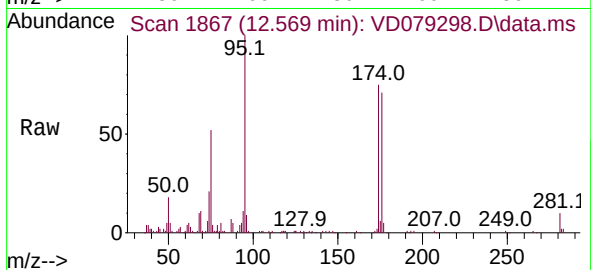
ClientSampleId :

Tgt Ion: 75 Resp: 42075

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.881 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD079298.D

Acq: 01 Jul 2024 16:13

Tgt Ion: 75 Resp: 42075

Ion Ratio Lower Upper

75 100

53 0.2 61.4 92.2#

89 0.5 35.4 53.0#

