

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015427.D
 Acq On : 01 Sep 2023 19:49
 Operator : SY/MD
 Sample : 04283-08
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3

Quant Time: Sep 01 23:46:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

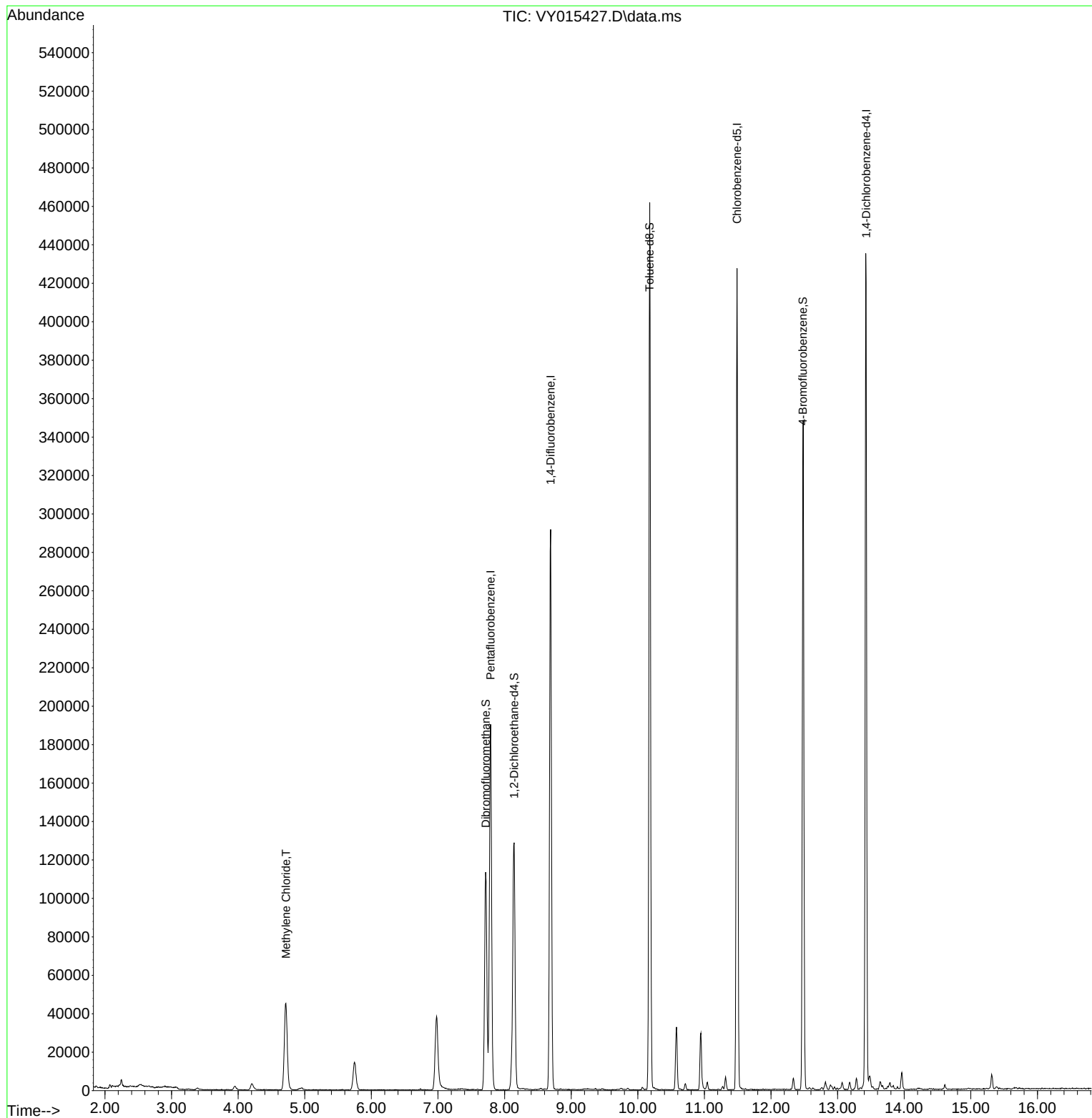
Internal Standards						
1) Pentafluorobenzene	7.789	168	147867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	228679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97317	61.394	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.780%		
35) Dibromofluoromethane	7.715	113	79329	55.074	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.140%		
50) Toluene-d8	10.178	98	291426	55.869	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 111.740%		
62) 4-Bromofluorobenzene	12.477	95	98856	51.050	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 102.100%		
Target Compounds						
20) Methylene Chloride	4.716	84	34122	10.981	ug/l	Qvalue 91

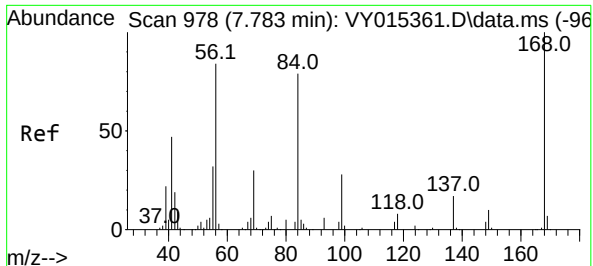
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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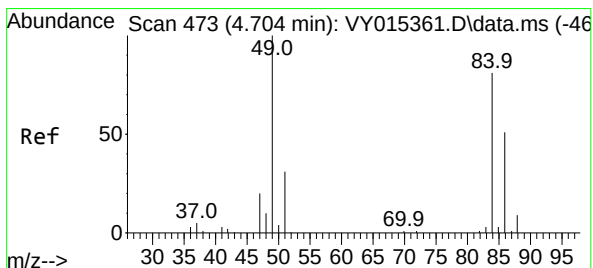
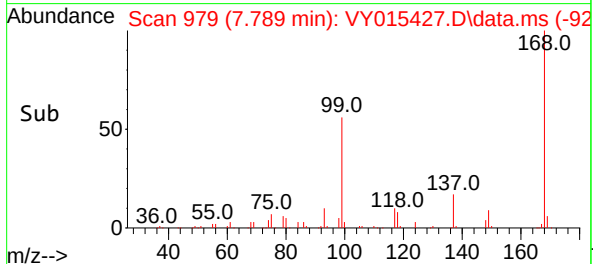
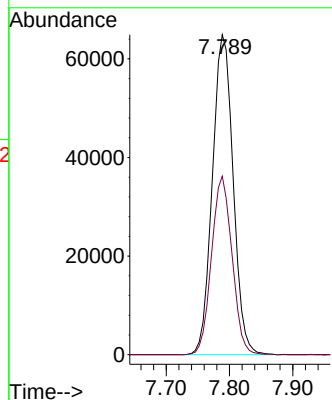
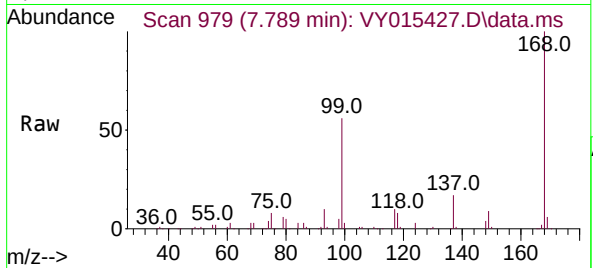




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

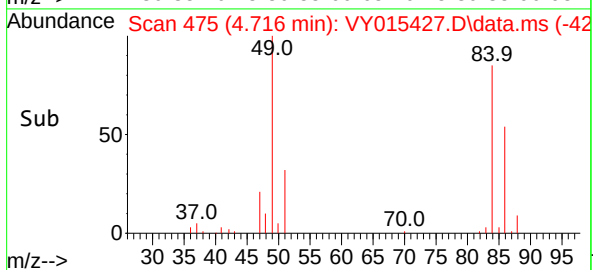
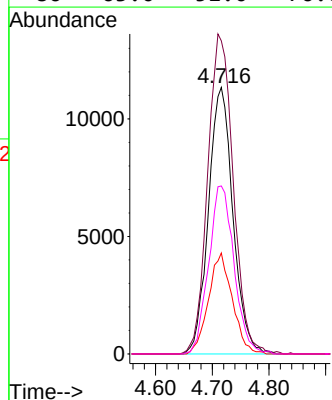
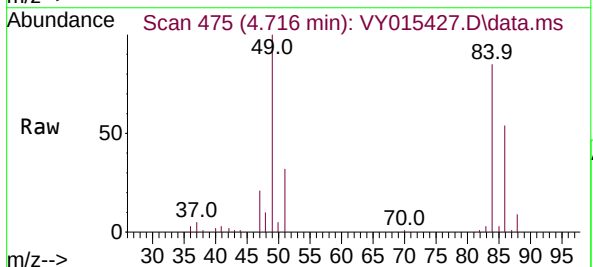
Instrument :
MSVOA_Y
ClientSampleId :
C-3

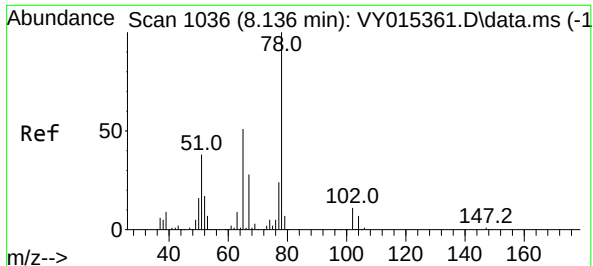
Tgt Ion:168 Resp: 147867
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#20
Methylene Chloride
Concen: 10.981 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 84 Resp: 34122
Ion Ratio Lower Upper
84 100
49 117.5 106.9 160.3
51 37.9 33.2 49.8
86 63.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 61.394 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015427.D

Acq: 01 Sep 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

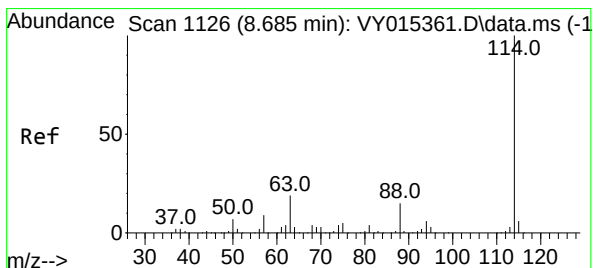
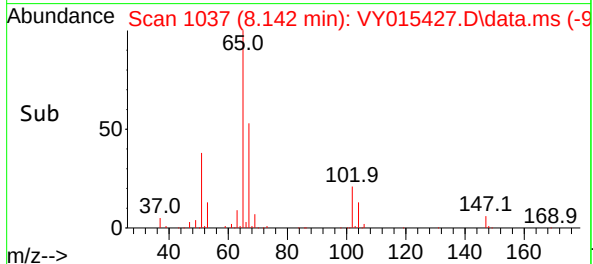
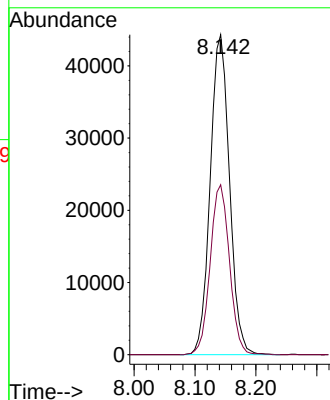
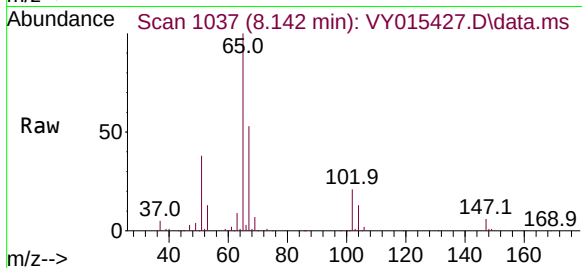
C-3

Tgt Ion: 65 Resp: 97317

Ion Ratio Lower Upper

65 100

67 53.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015427.D

Acq: 01 Sep 2023 19:49

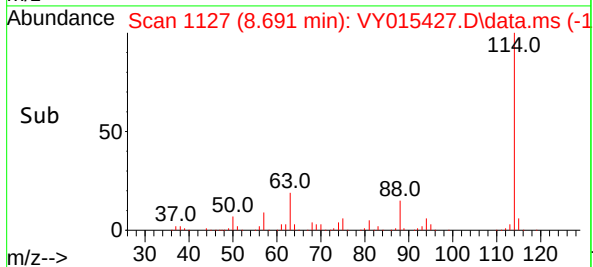
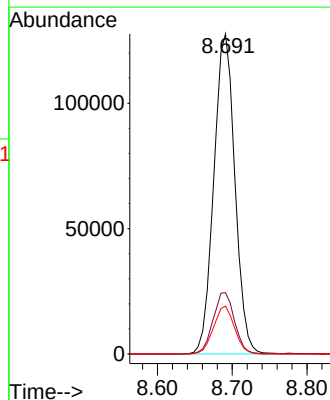
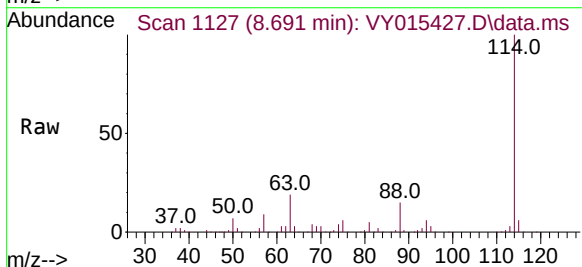
Tgt Ion: 114 Resp: 250079

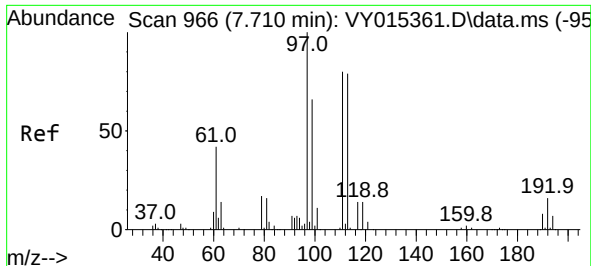
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.0 0.0 30.6

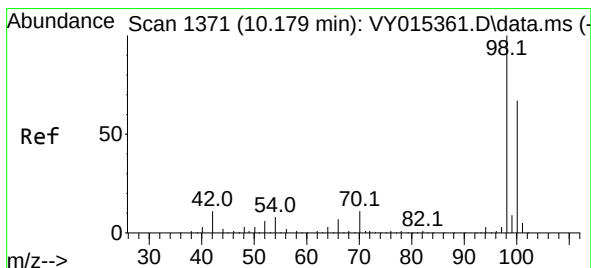
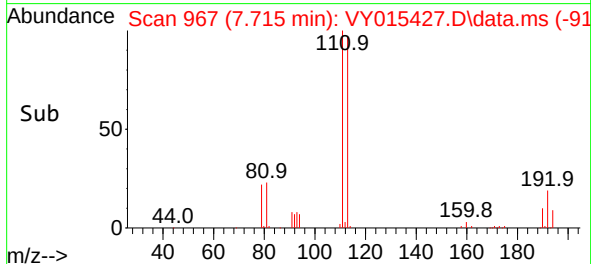
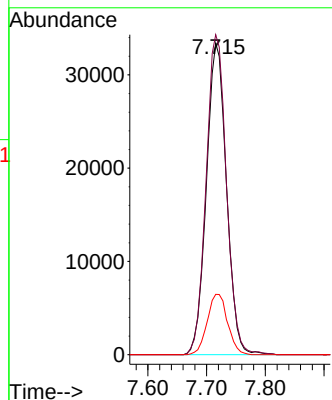
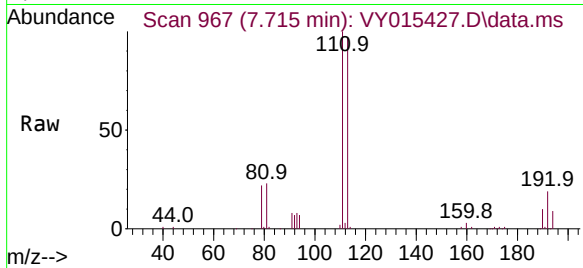




#35
Dibromofluoromethane
Concen: 55.074 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

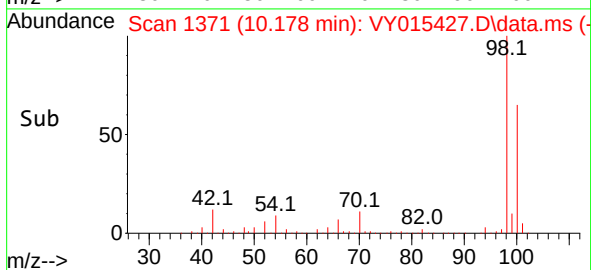
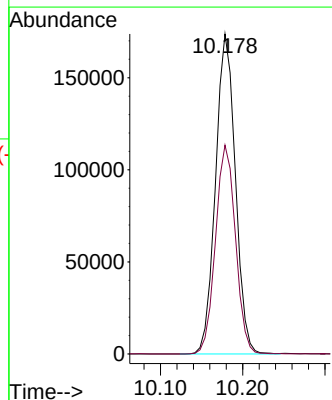
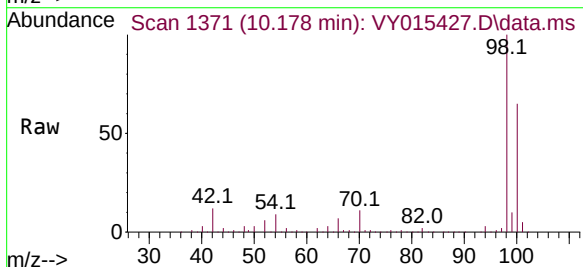
Instrument :
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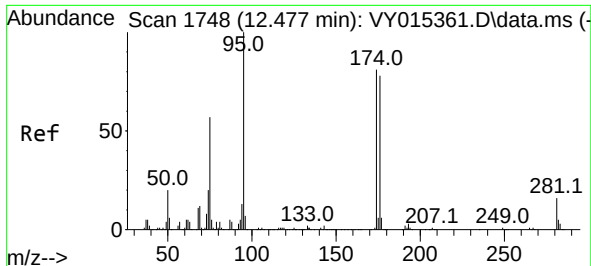
Tgt Ion:113 Resp: 79329
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 55.869 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 98 Resp: 291426
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

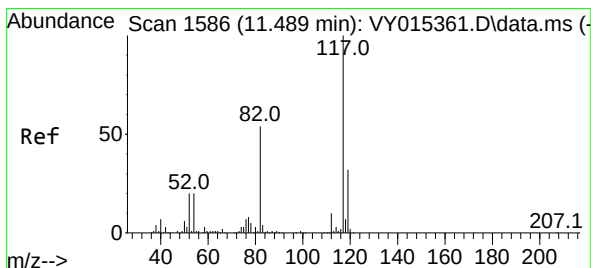
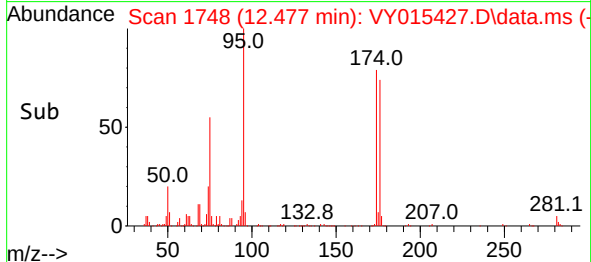
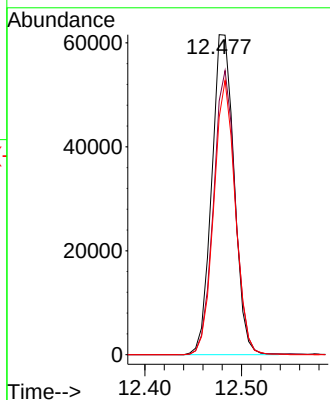
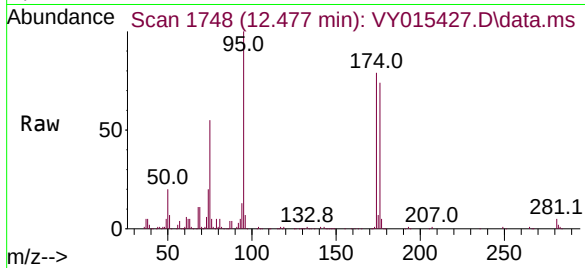




#62
4-Bromofluorobenzene
Concen: 51.050 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

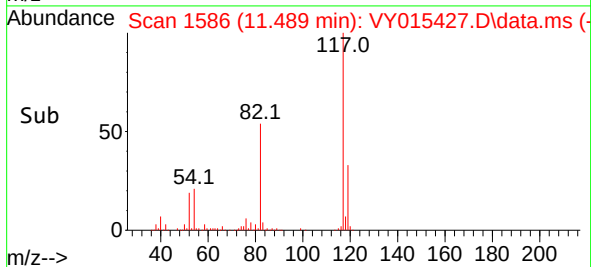
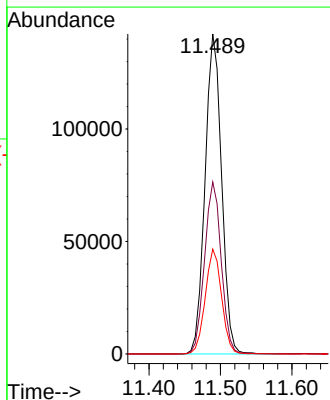
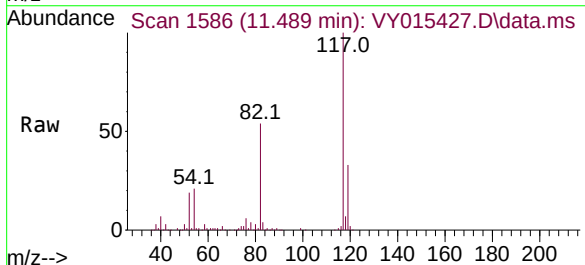
Instrument :
MSVOA_Y
ClientSampleId :
C-3

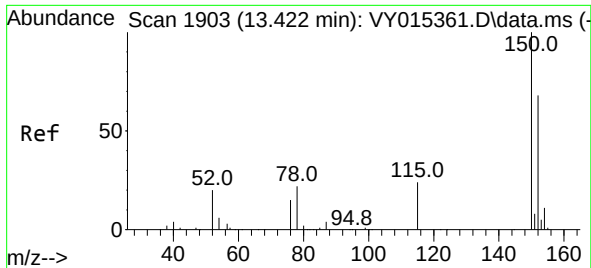
Tgt Ion: 95 Resp: 98856
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015427.D
Acq: 01 Sep 2023 19:49

Tgt Ion: 117 Resp: 228679
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015427.D

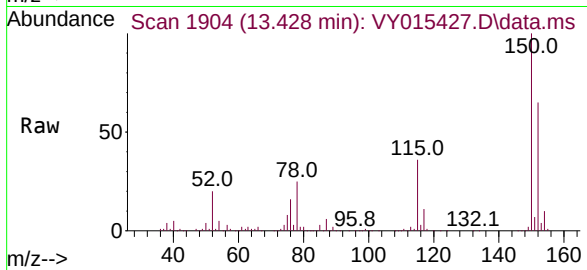
Acq: 01 Sep 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

C-3



Tgt Ion:152 Resp: 109156

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 157.3 0.0 348.8

