

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015262.D
 Acq On : 22 Aug 2023 22:42
 Operator : SY/MD
 Sample : VY0822SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBL02

Quant Time: Aug 23 02:49:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

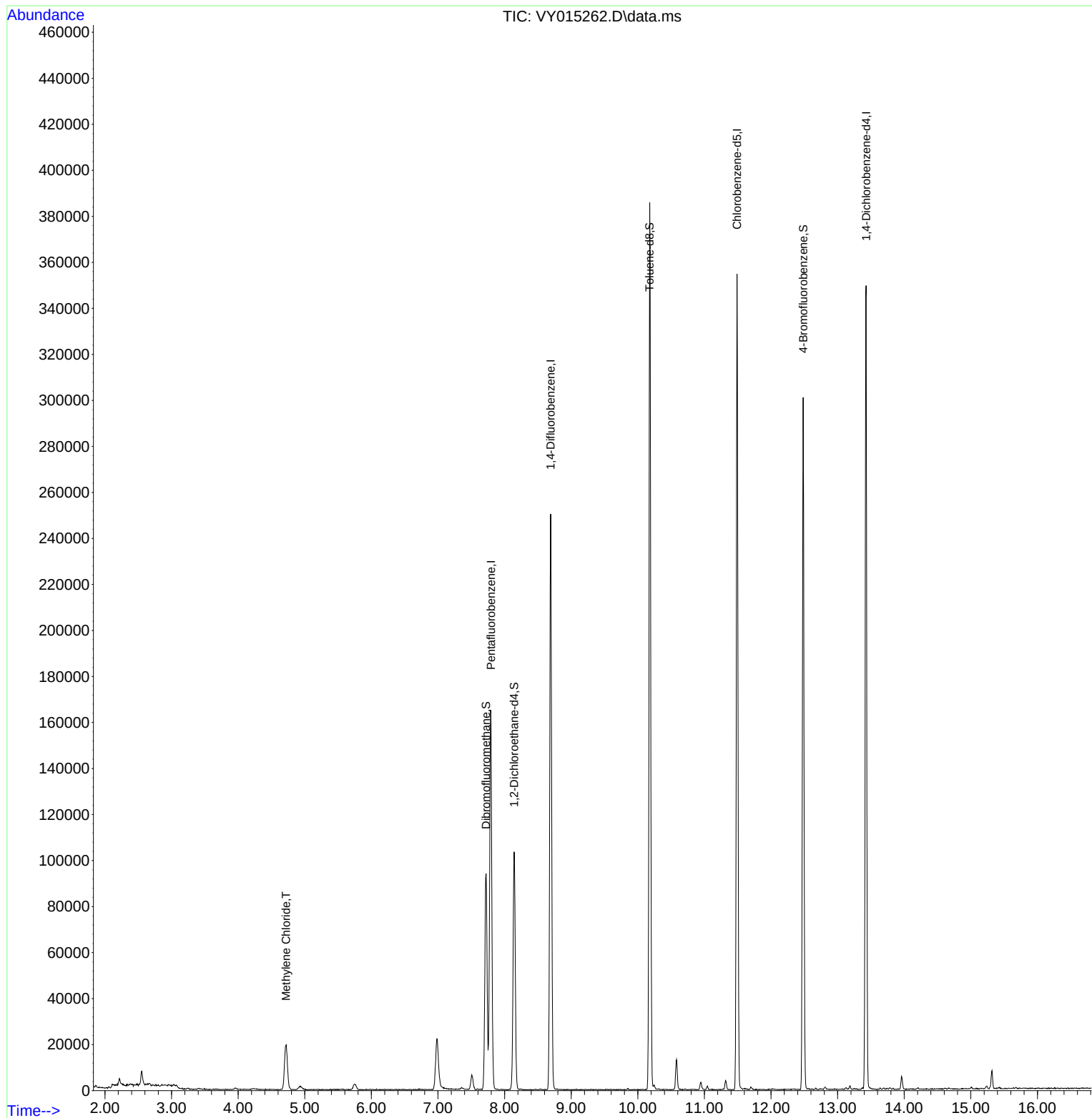
Internal Standards						
1) Pentafluorobenzene	7.795	168	128685	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	211118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81332	52.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.300%
35) Dibromofluoromethane	7.722	113	66355	48.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.179	98	247807	49.013	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.483	95	81691	44.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.480%
Target Compounds						
20) Methylene Chloride	4.716	84	15240	9.058	ug/l	85

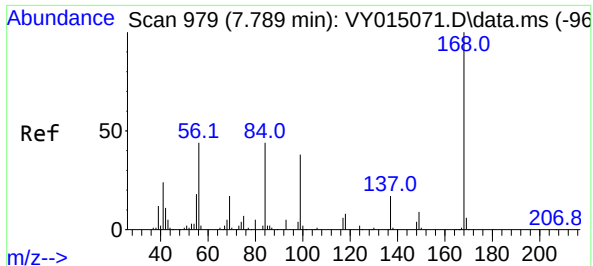
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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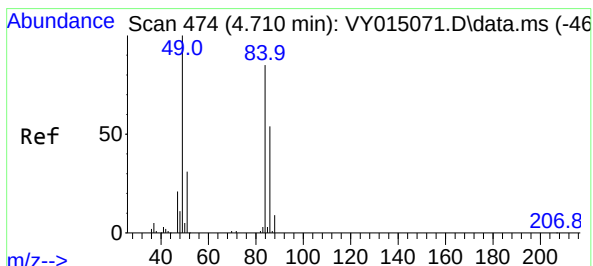
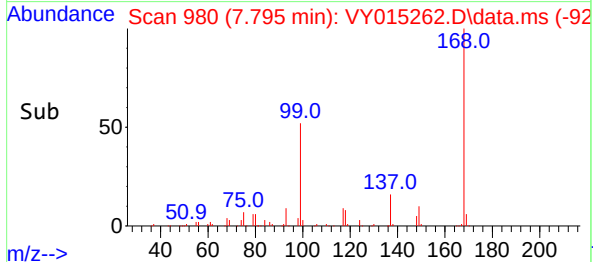
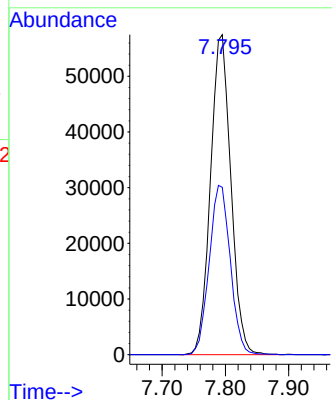
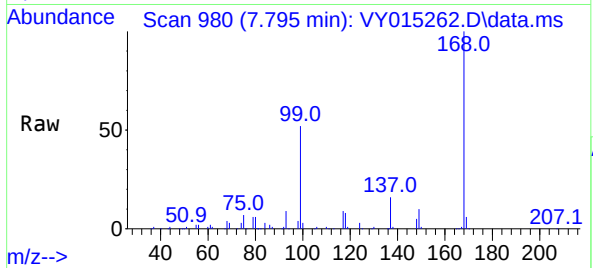




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

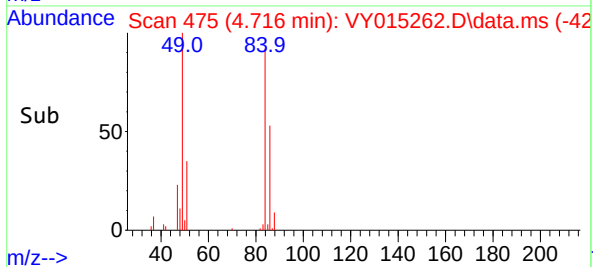
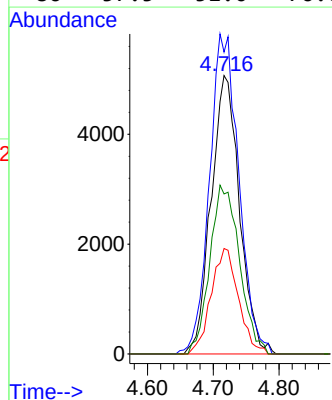
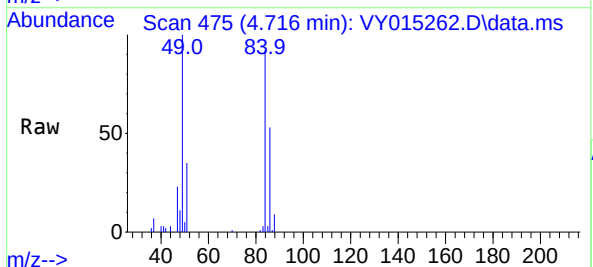
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL02

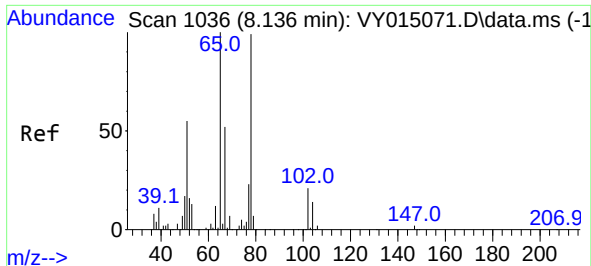
Tgt Ion:168 Resp: 128685
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#20
Methylene Chloride
Concen: 9.058 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

Tgt Ion: 84 Resp: 15240
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 37.9 33.2 49.8
86 57.5 51.0 76.6

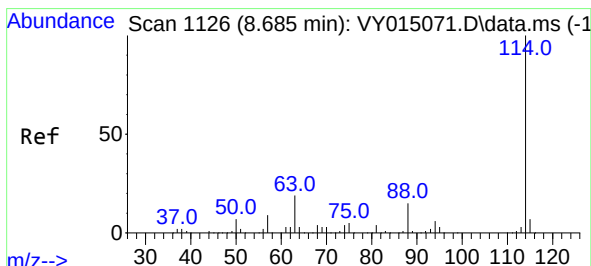
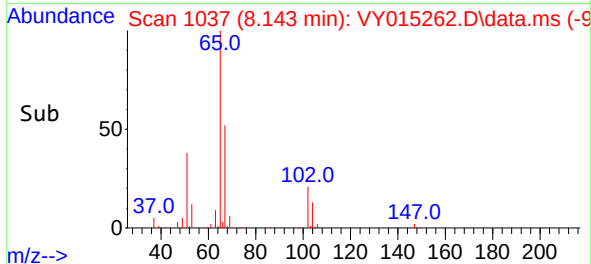
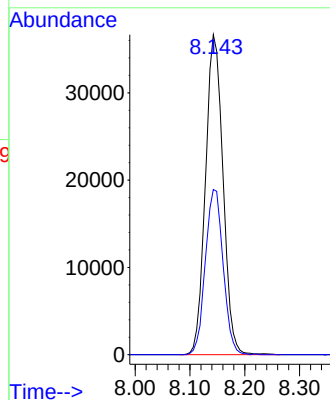
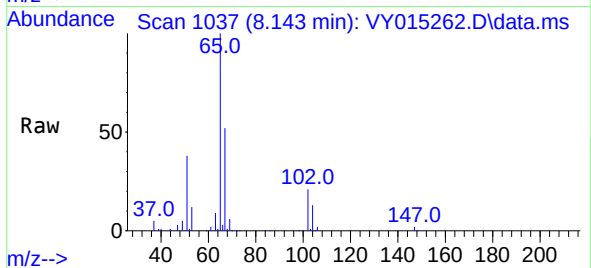




#33
1,2-Dichloroethane-d4
Concen: 52.651 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

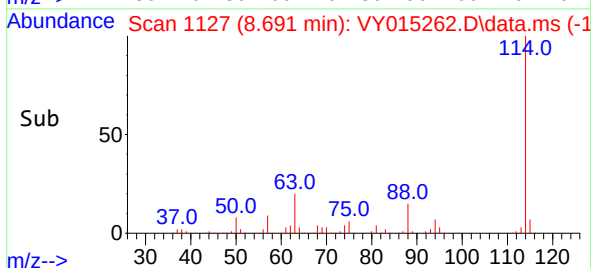
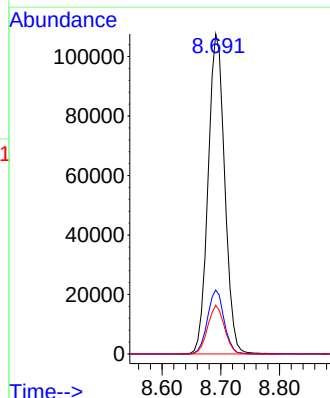
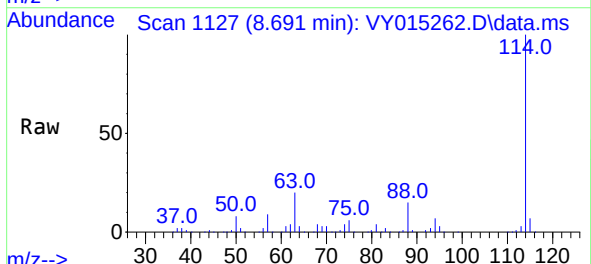
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL02

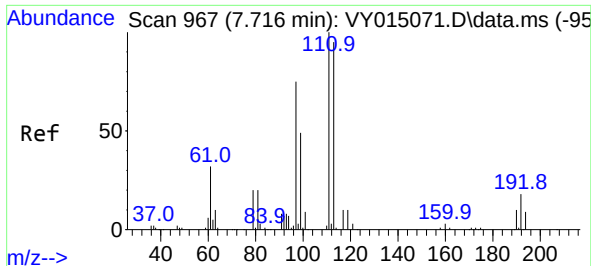
Tgt Ion: 65 Resp: 81332
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

Tgt Ion: 114 Resp: 211118
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.4
88 15.2 0.0 30.6

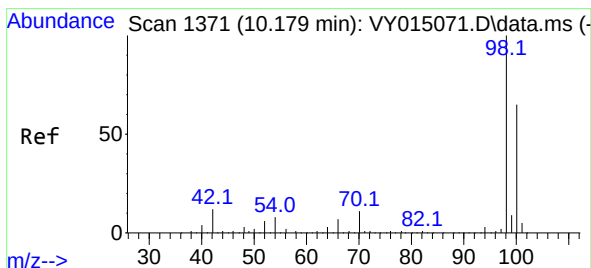
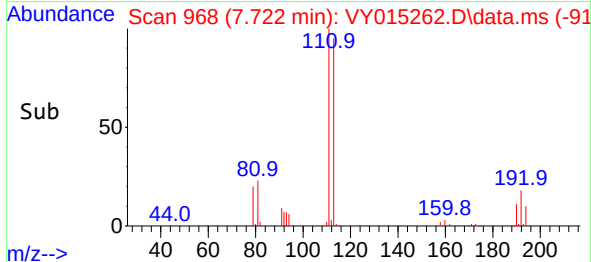
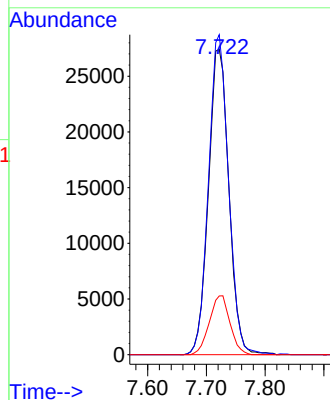
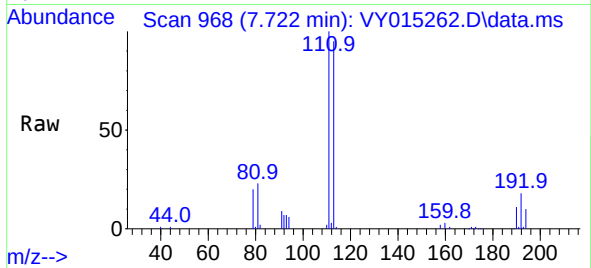




#35
Dibromofluoromethane
Concen: 48.855 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

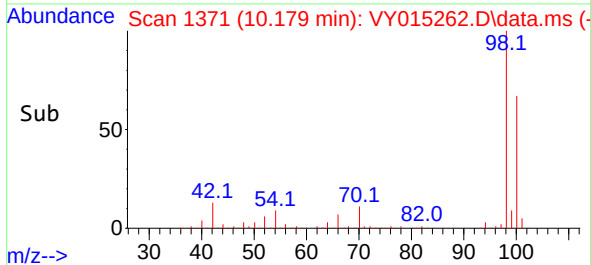
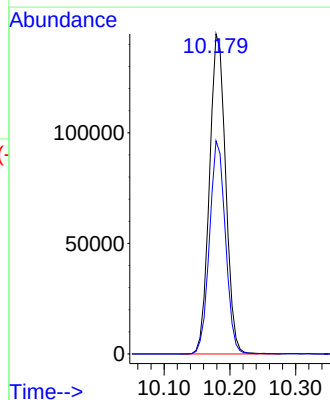
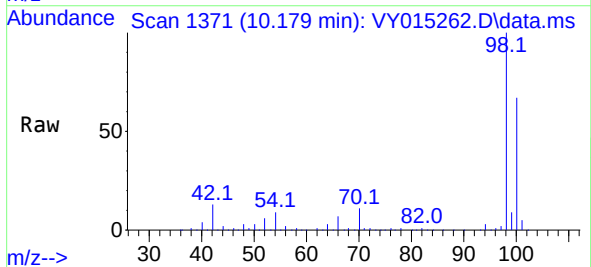
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL02

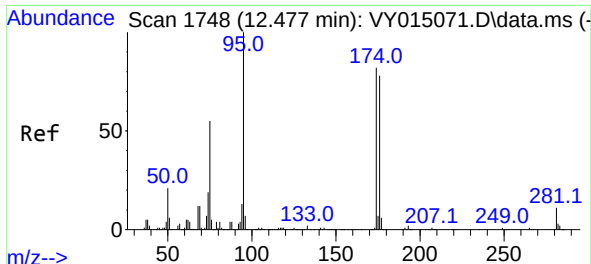
Tgt Ion:113 Resp: 66355
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 49.013 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

Tgt Ion: 98 Resp: 247807
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

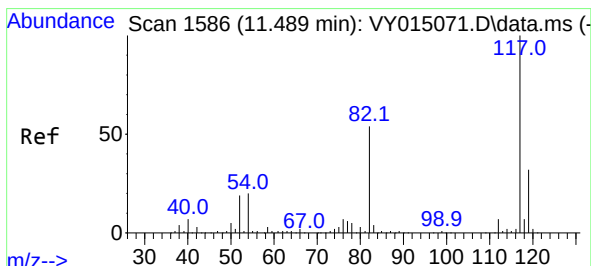
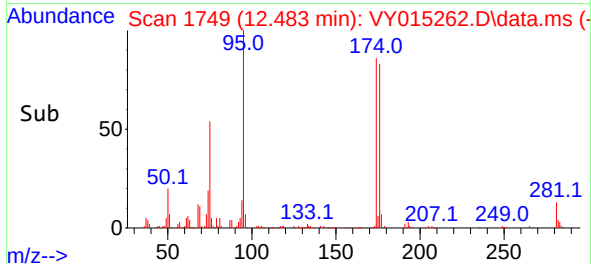
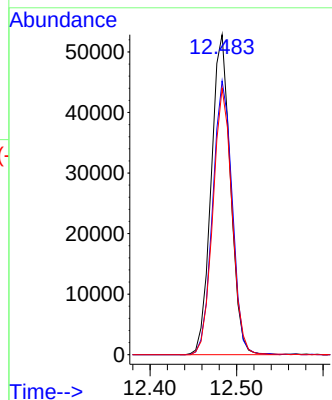
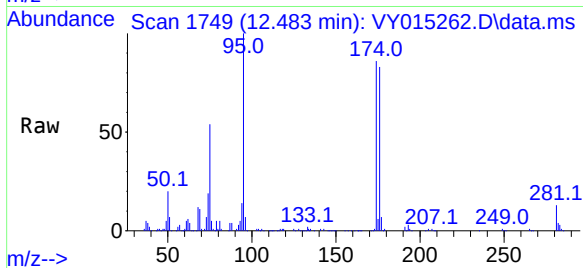




#62
4-Bromofluorobenzene
Concen: 44.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

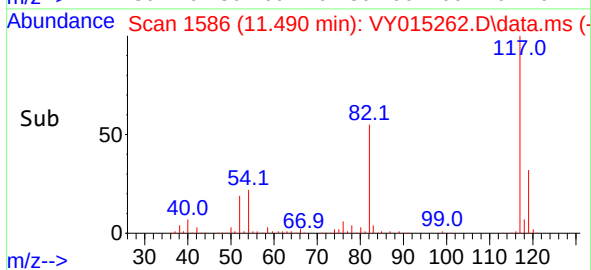
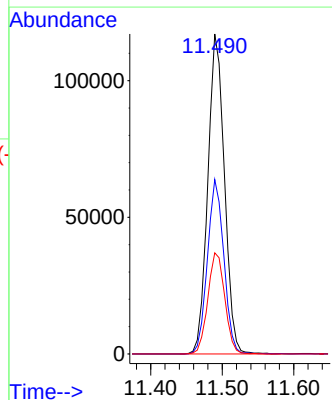
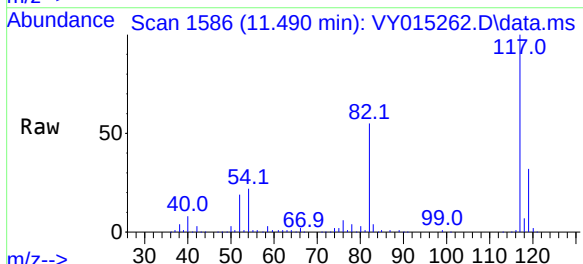
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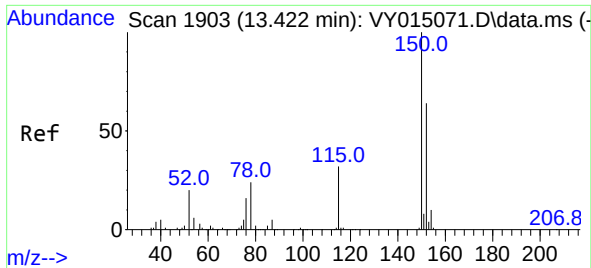
Tgt Ion: 95 Resp: 81691
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015262.D
Acq: 22 Aug 2023 22:42

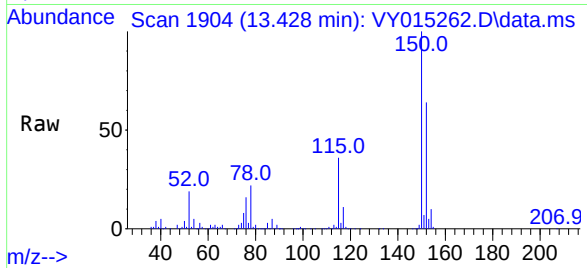
Tgt Ion: 117 Resp: 189363
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015262.D
 Acq: 22 Aug 2023 22:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBL02



Tgt Ion:152 Resp: 90469
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.8 86.5
 150 156.3 0.0 348.8

