

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015667.D
 Acq On : 21 Sep 2023 10:37
 Operator : SY/MD
 Sample : VY0921SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBL01

Quant Time: Sep 22 01:17:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

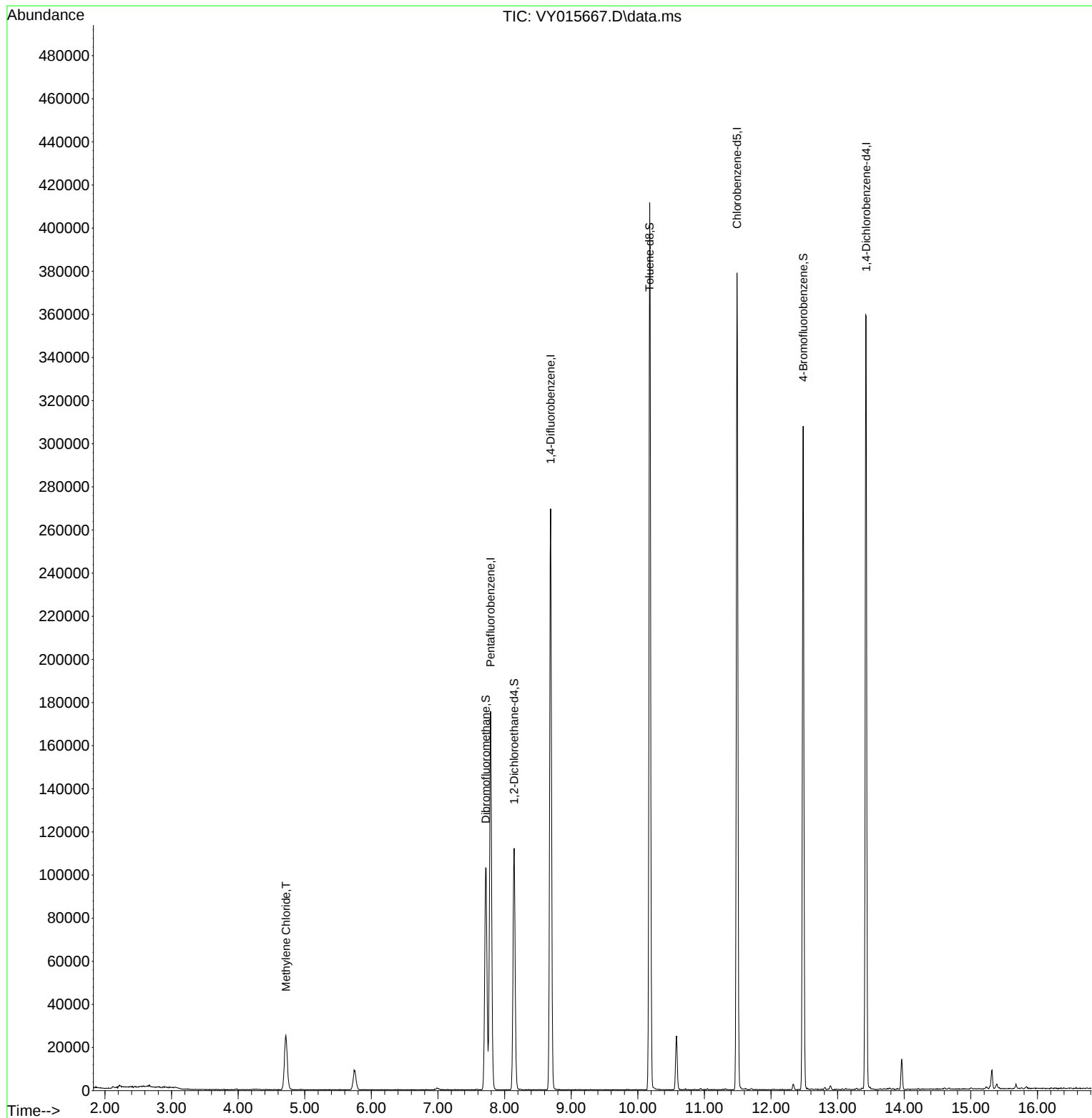
Internal Standards						
1) Pentafluorobenzene	7.789	168	132575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85737	58.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.560%
35) Dibromofluoromethane	7.716	113	74125	54.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.600%
50) Toluene-d8	10.179	98	268252	57.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.920%
62) 4-Bromofluorobenzene	12.483	95	86526	47.638	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.280%
Target Compounds						
20) Methylene Chloride	4.716	84	19019	6.958	ug/l	95

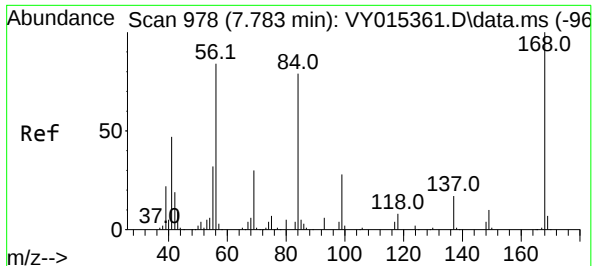
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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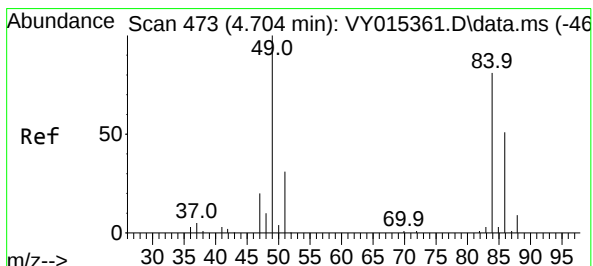
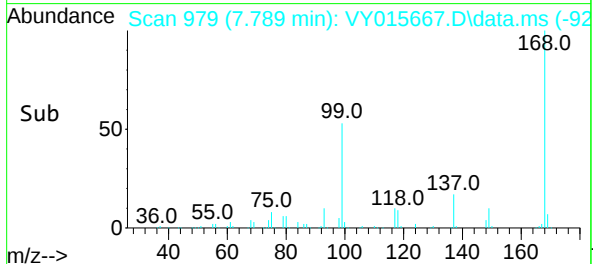
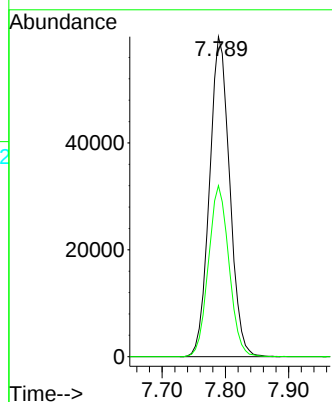
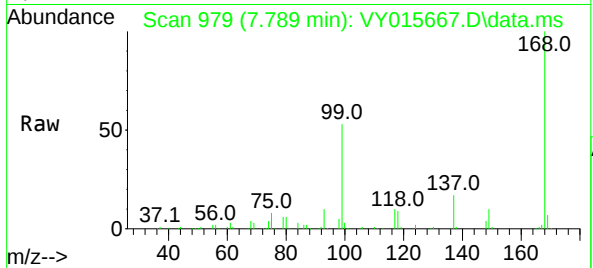




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

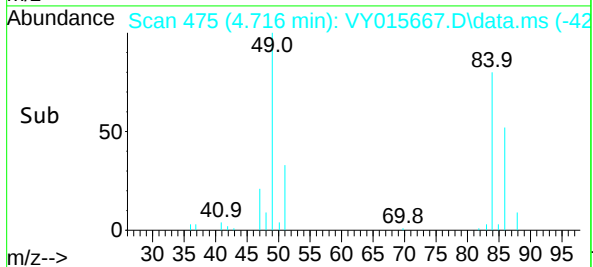
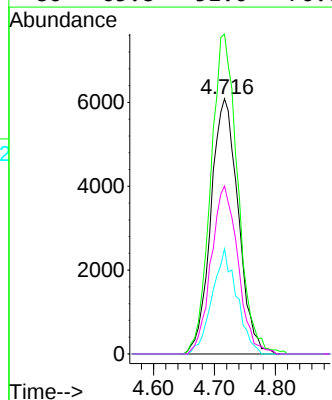
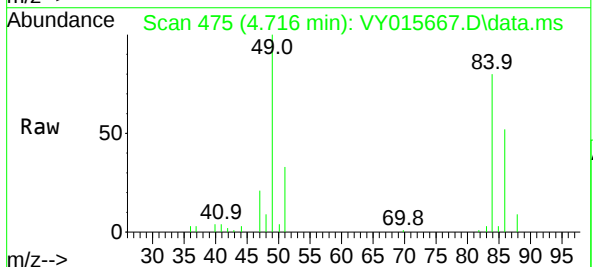
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBL01

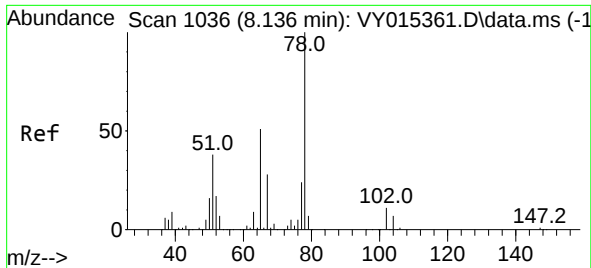
Tgt Ion:168 Resp: 132575
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 6.958 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Tgt Ion: 84 Resp: 19019
Ion Ratio Lower Upper
84 100
49 125.4 106.9 160.3
51 41.2 33.2 49.8
86 65.8 51.0 76.6

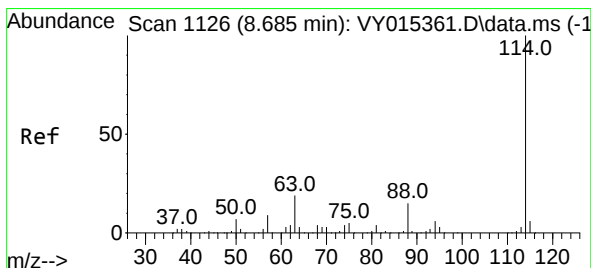
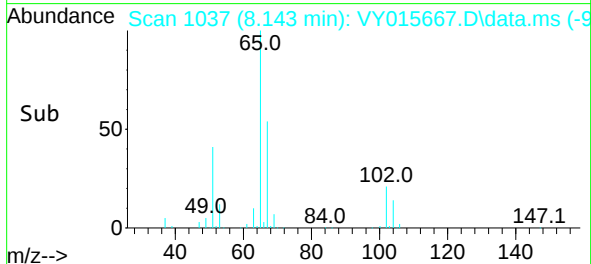
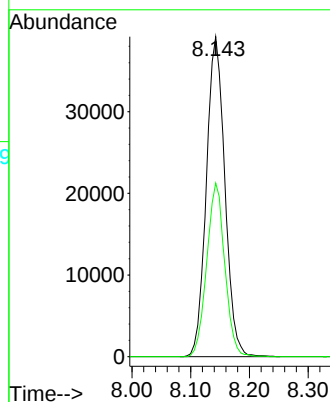
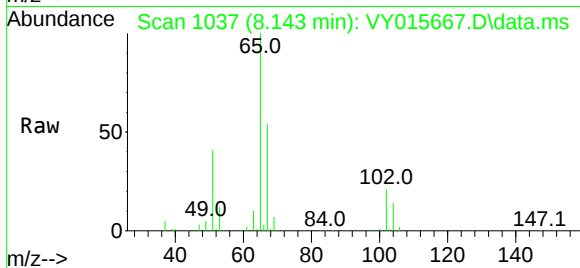




#33
 1,2-Dichloroethane-d4
 Concen: 58.777 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VY015667.D
 Acq: 21 Sep 2023 10:37

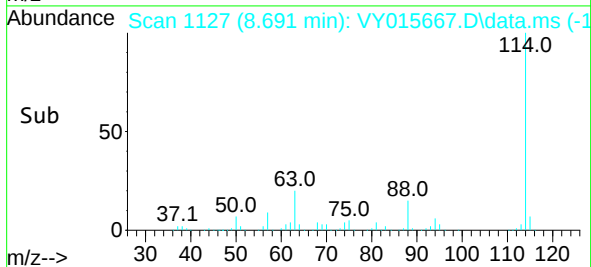
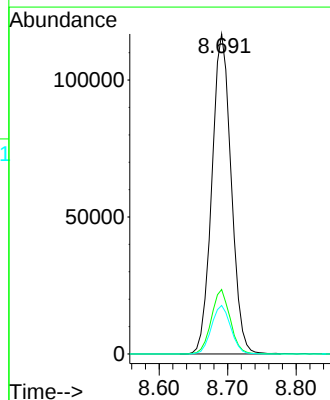
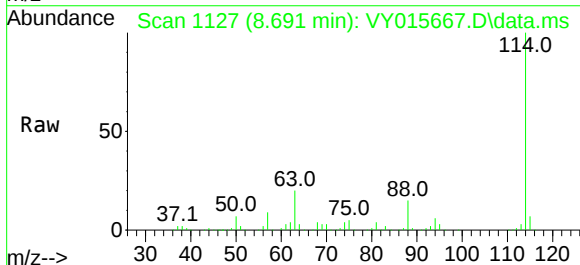
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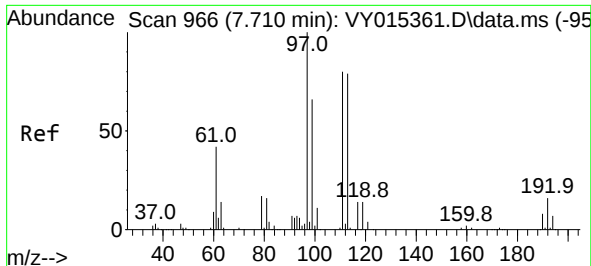
Tgt Ion: 65 Resp: 85737
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015667.D
 Acq: 21 Sep 2023 10:37

Tgt Ion: 114 Resp: 228064
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.2 0.0 30.6

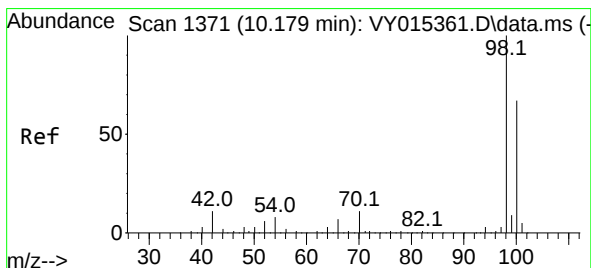
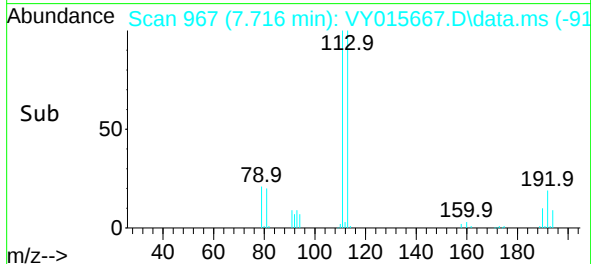
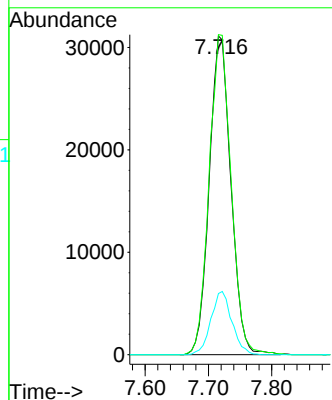
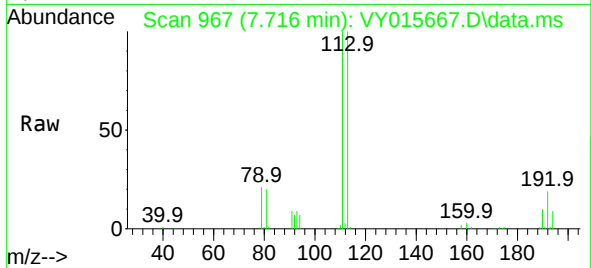




#35
Dibromofluoromethane
Concen: 54.302 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

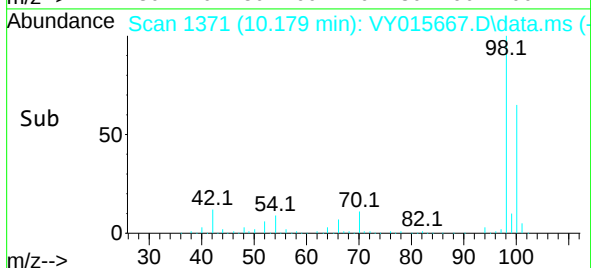
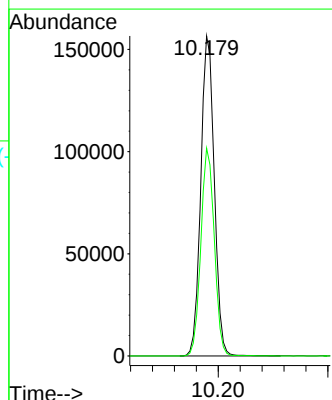
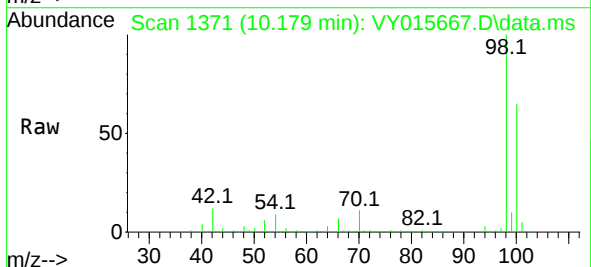
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBL01

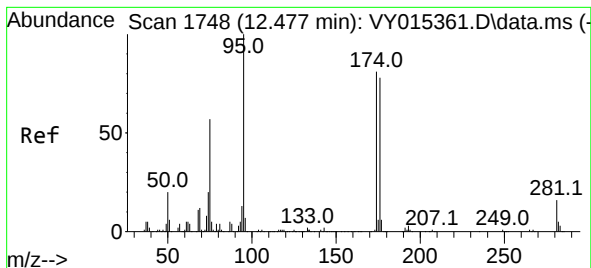
Tgt Ion:113 Resp: 74125
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 57.958 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

Tgt Ion: 98 Resp: 268252
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

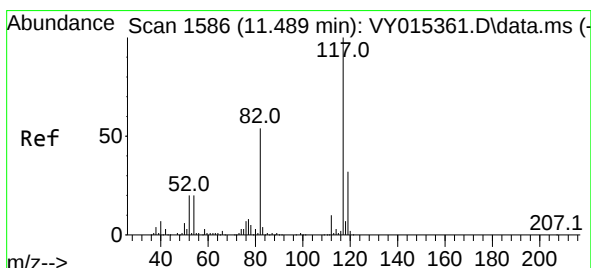
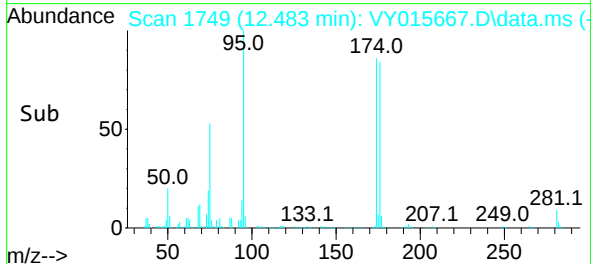
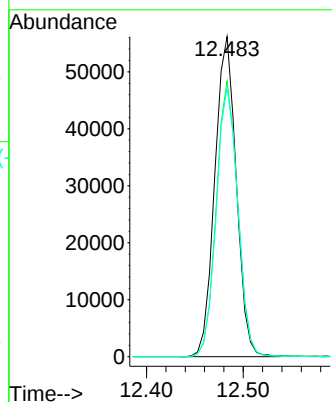
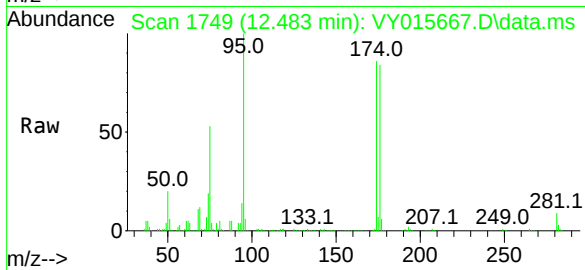




#62
4-Bromofluorobenzene
Concen: 47.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

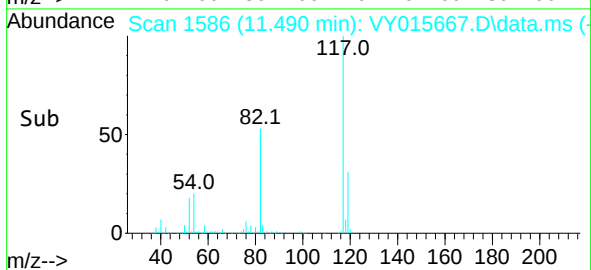
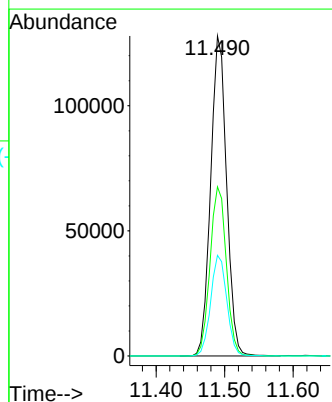
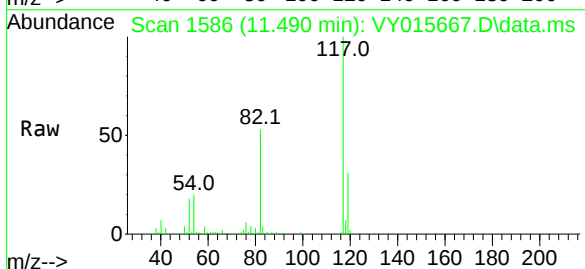
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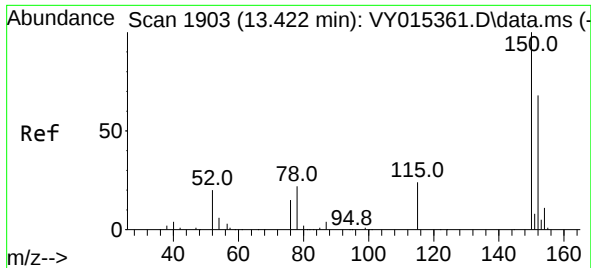
Tgt Ion: 95 Resp: 86526
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 84.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015667.D
Acq: 21 Sep 2023 10:37

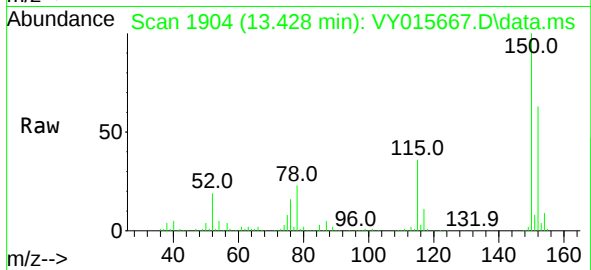
Tgt Ion: 117 Resp: 206891
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015667.D
 Acq: 21 Sep 2023 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBL01



Tgt Ion:152 Resp: 93425
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 157.4 0.0 348.8

