

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013537.D
 Acq On : 01 May 2023 14:15
 Operator : KP/MD
 Sample : 02555-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-042823

Quant Time: May 01 22:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

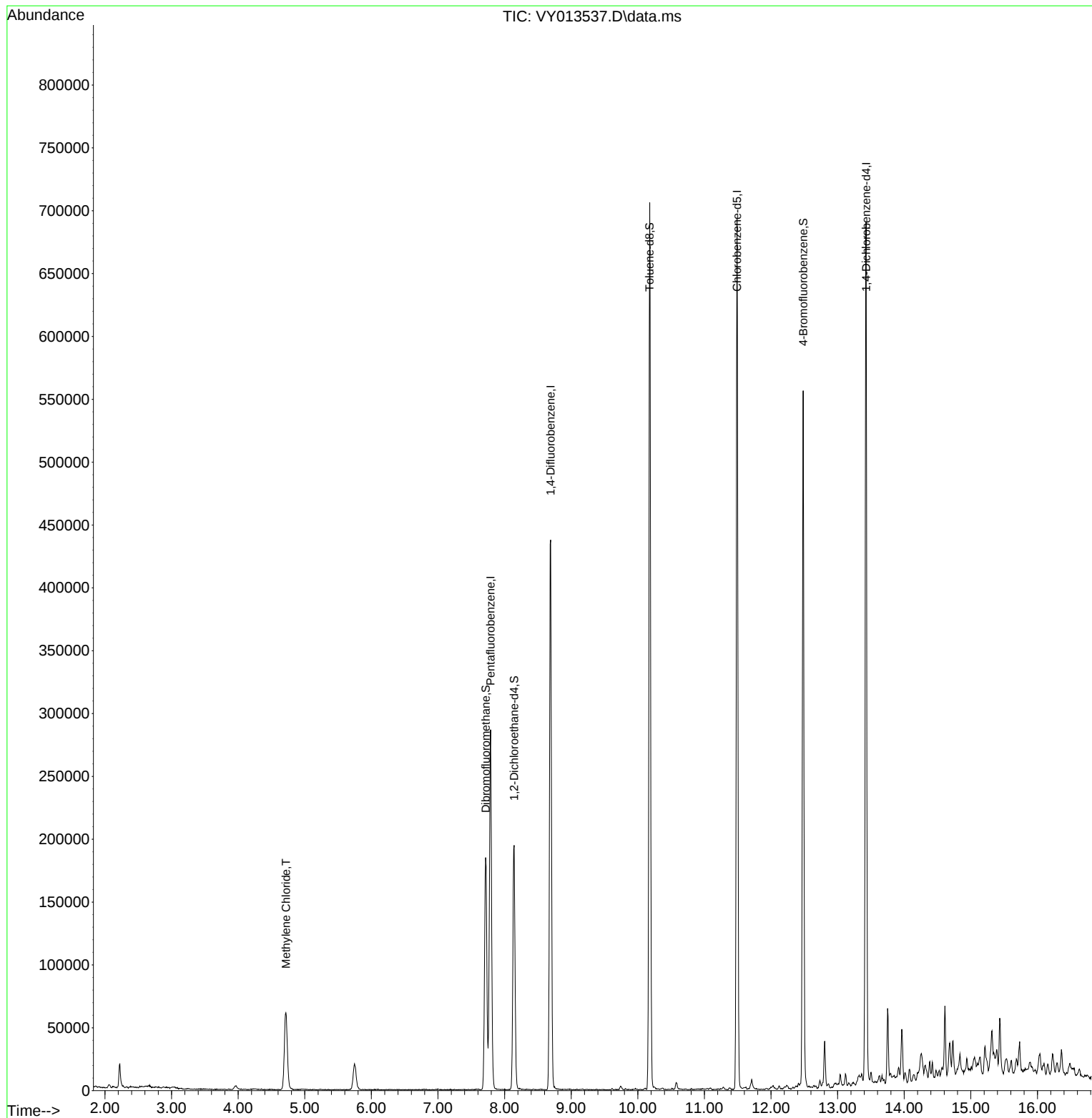
Internal Standards						
1) Pentafluorobenzene	7.789	168	220567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	158061	65.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.740%
35) Dibromofluoromethane	7.716	113	130096	55.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.140%
50) Toluene-d8	10.179	98	453029	54.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.800%
62) 4-Bromofluorobenzene	12.483	95	150776	53.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.400%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	45896	8.705	ug/l	90

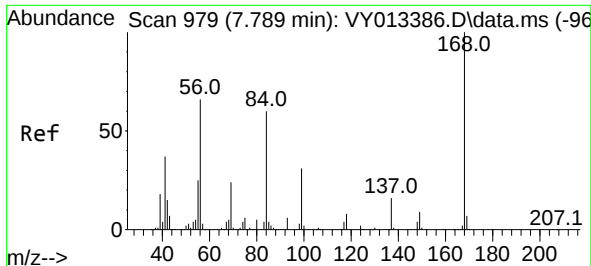
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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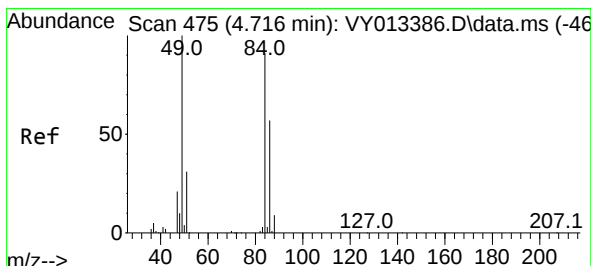
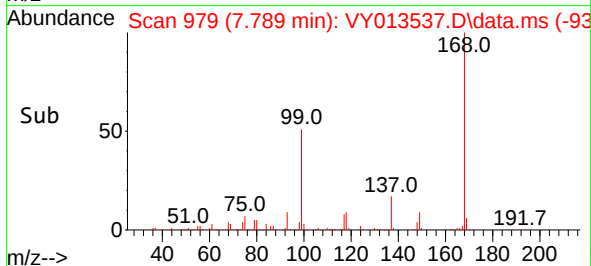
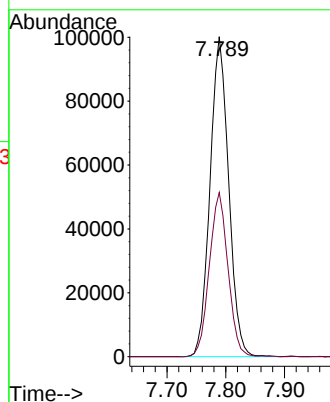
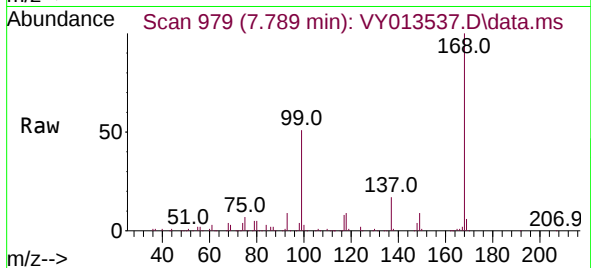




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

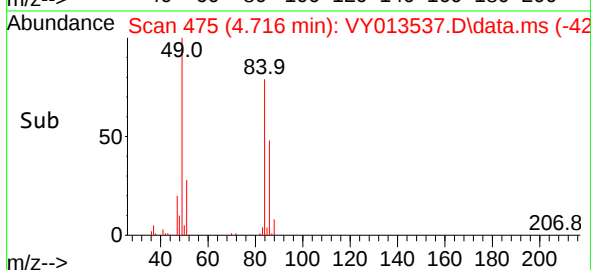
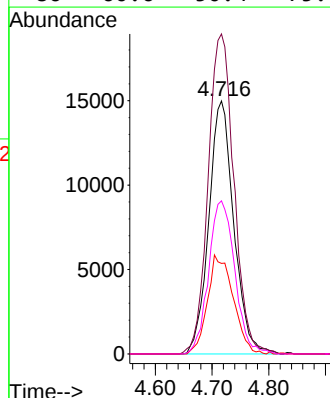
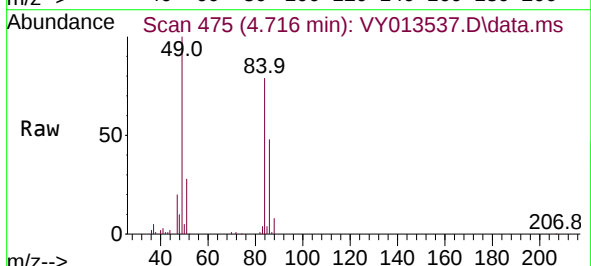
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ClientSampleId :
OE-1-042823

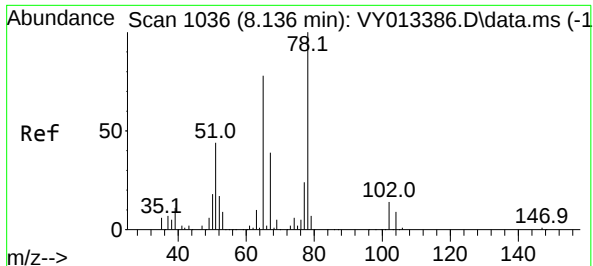
Tgt Ion:168 Resp: 220567
Ion Ratio Lower Upper
168 100
99 51.3 41.8 62.6



#20
Methylene Chloride
Concen: 8.705 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 84 Resp: 45896
Ion Ratio Lower Upper
84 100
49 126.5 88.0 132.0
51 35.8 27.4 41.0
86 60.6 50.4 75.6

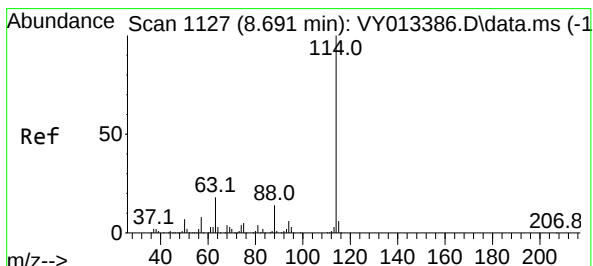
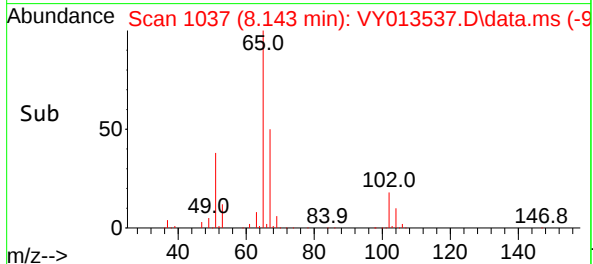
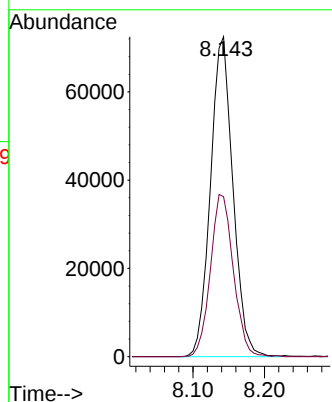
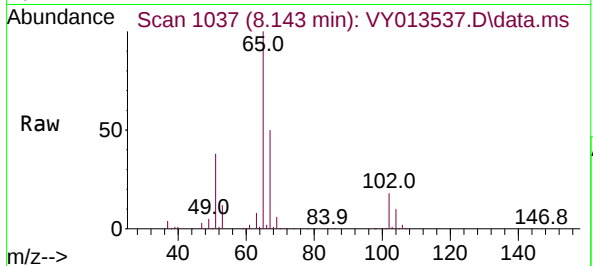




#33
1,2-Dichloroethane-d4
Concen: 65.371 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

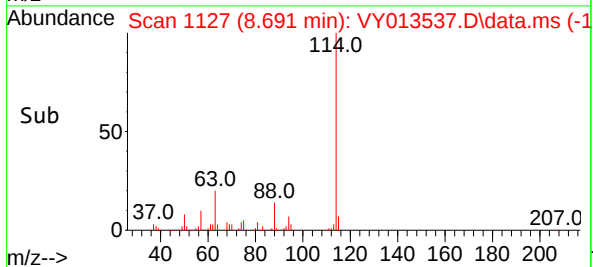
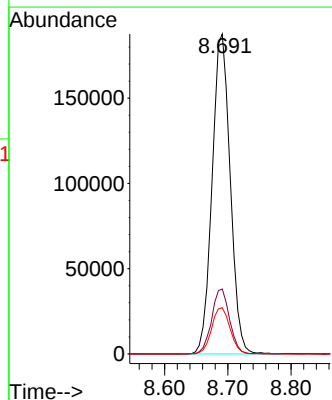
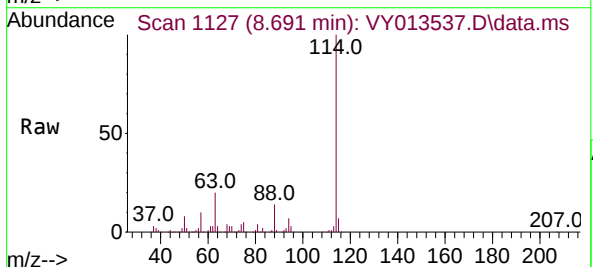
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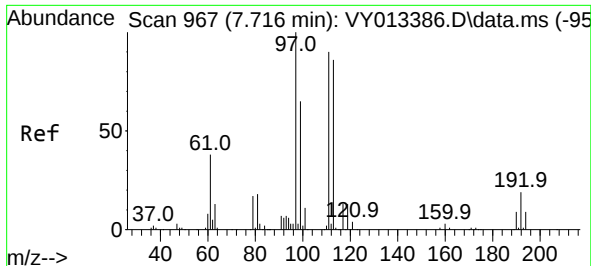
Tgt Ion: 65 Resp: 158061
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 114 Resp: 372206
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.6
88 14.5 0.0 28.8

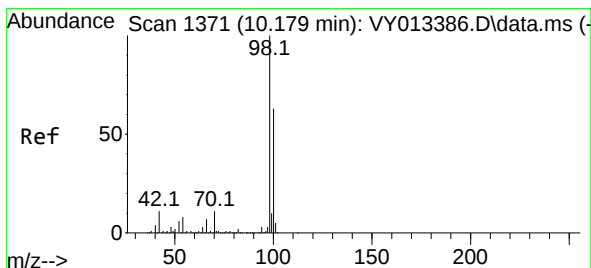
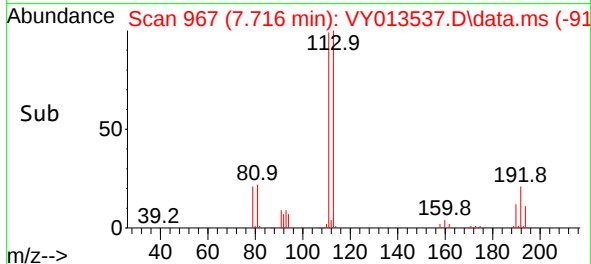
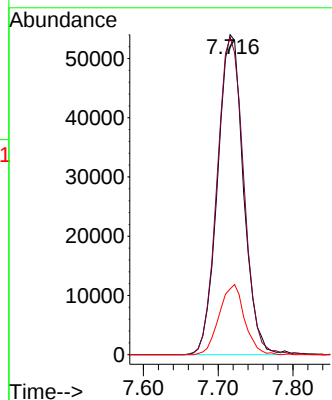
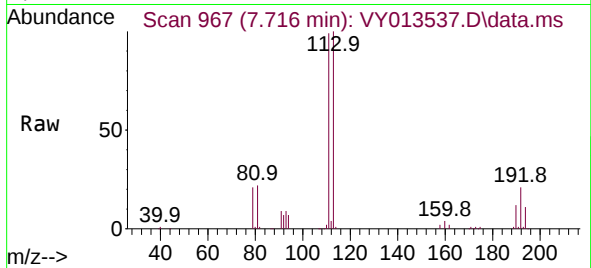




#35
Dibromofluoromethane
Concen: 55.573 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

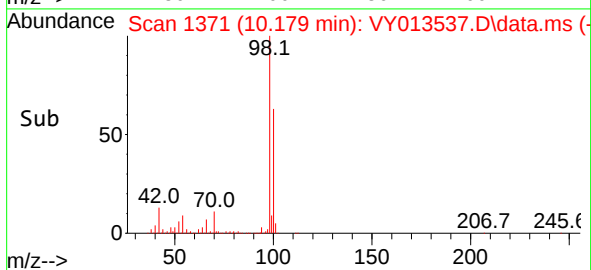
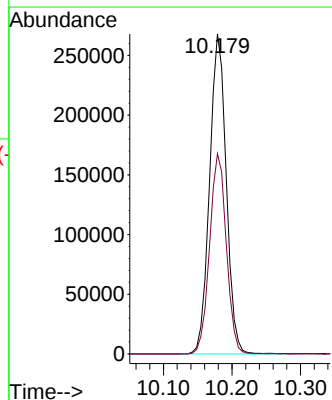
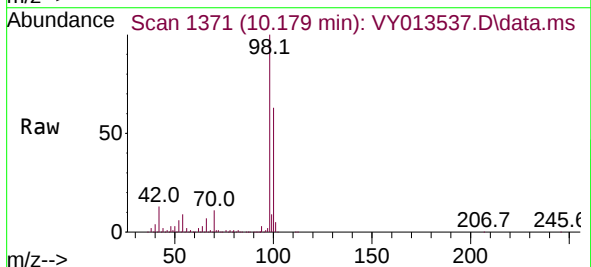
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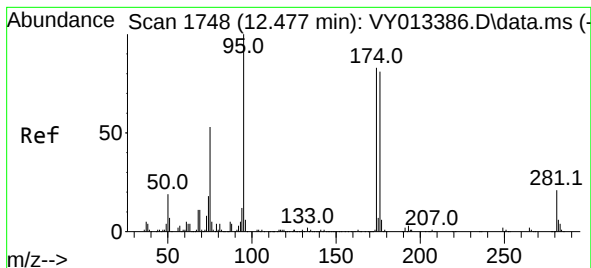
Tgt Ion:113 Resp: 130096
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.4 16.7 25.1



#50
Toluene-d8
Concen: 54.399 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 98 Resp: 453029
Ion Ratio Lower Upper
98 100
100 62.8 50.5 75.7

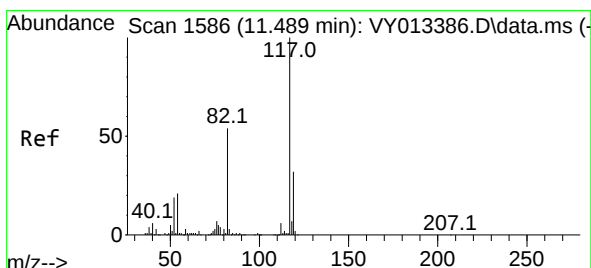
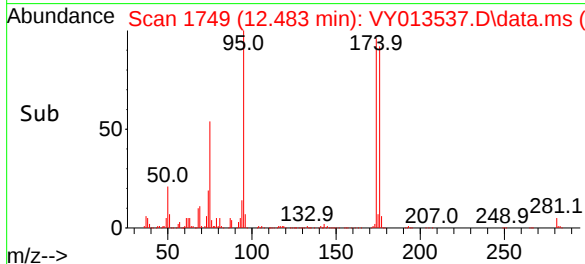
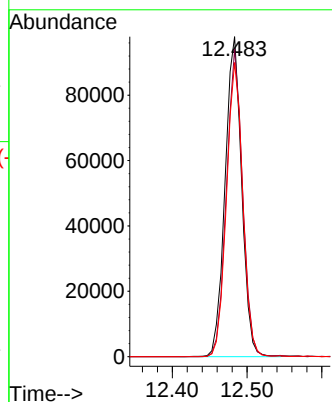
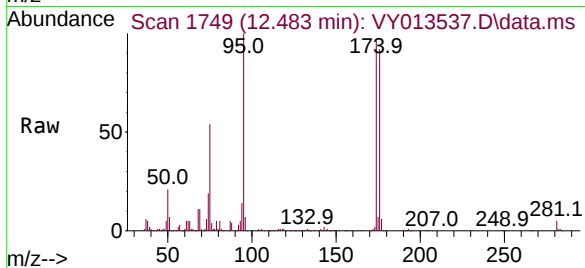




#62
4-Bromofluorobenzene
Concen: 53.704 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

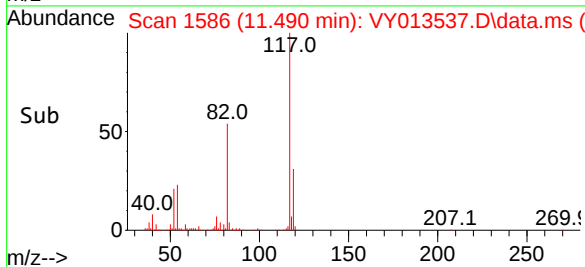
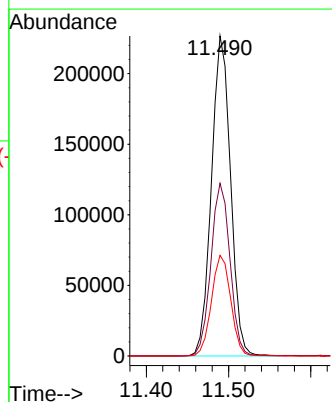
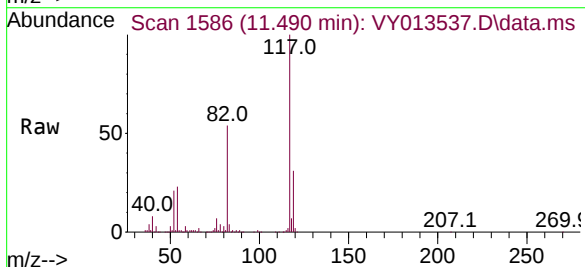
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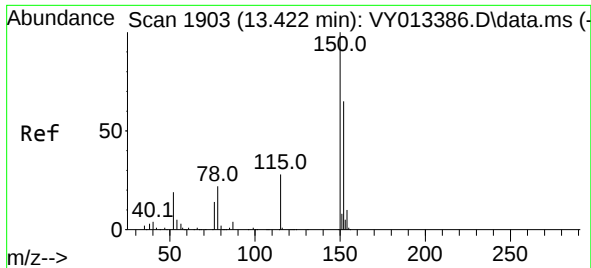
Tgt Ion: 95 Resp: 150776
Ion Ratio Lower Upper
95 100
174 93.6 0.0 182.0
176 90.4 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013537.D
Acq: 01 May 2023 14:15

Tgt Ion: 117 Resp: 365637
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013537.D
 Acq: 01 May 2023 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-042823

Tgt Ion:152 Resp: 177096
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.1 84.2
 150 156.6 0.0 352.0

