

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016322.D
 Acq On : 13 Nov 2023 13:07
 Operator : SY/MD
 Sample : 05376-05
 Misc : 4.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 223

Quant Time: Nov 14 04:37:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

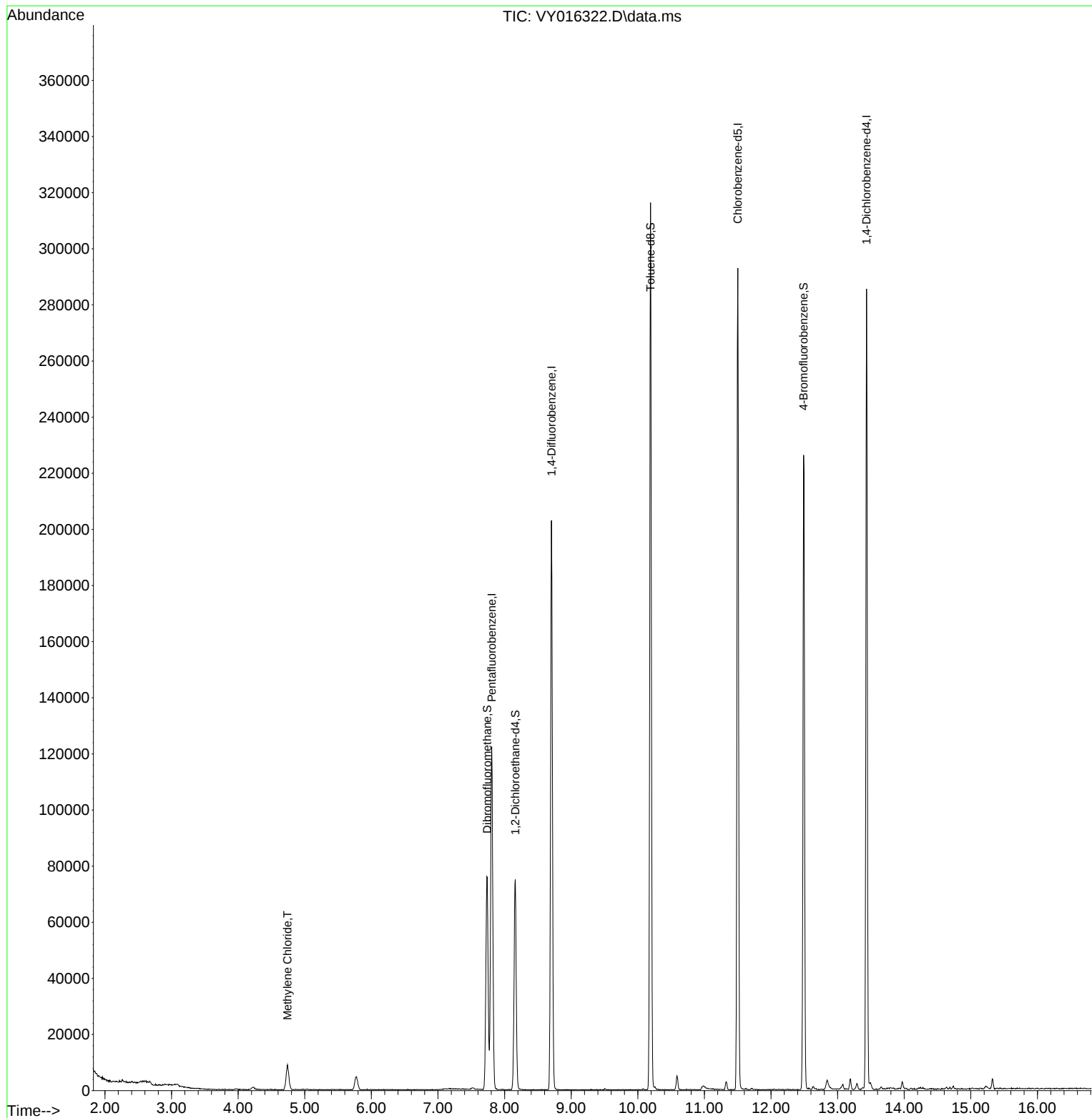
Internal Standards						
1) Pentafluorobenzene	7.807	168	97468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	59217	66.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.940%
35) Dibromofluoromethane	7.740	113	55626	56.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.780%
50) Toluene-d8	10.191	98	204770	51.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.489	95	69590	53.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.120%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.741	84	6760	3.239	ug/l #	84

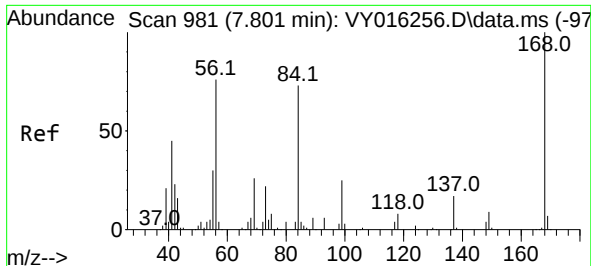
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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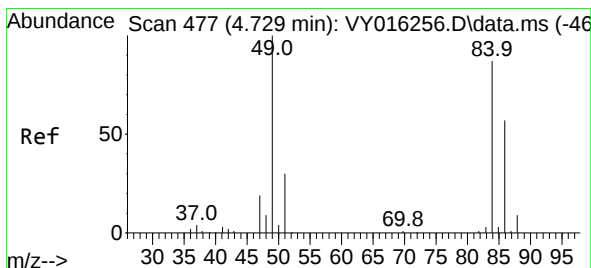
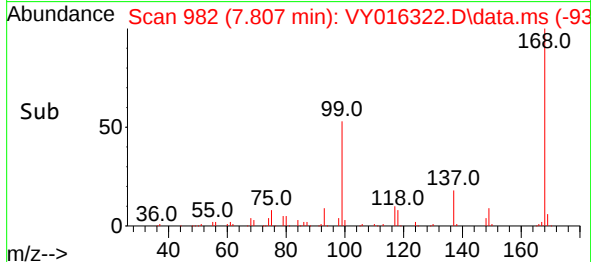
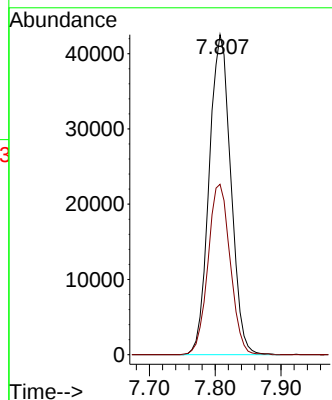
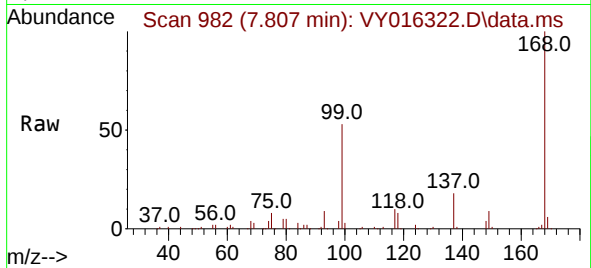




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

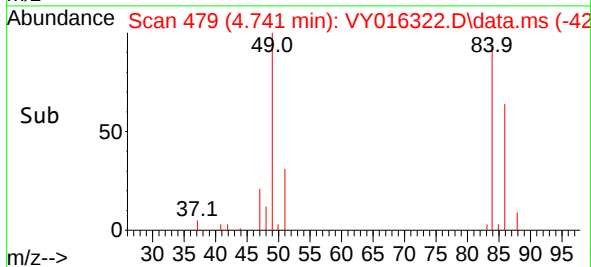
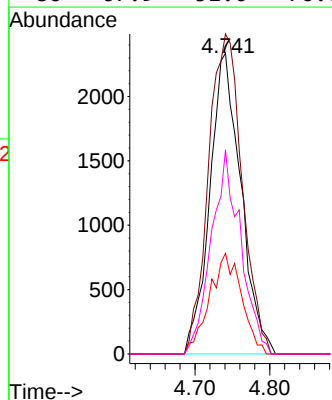
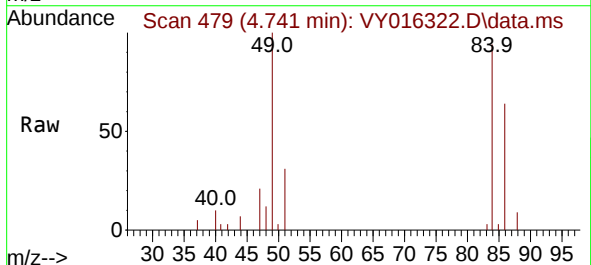
Instrument :
MSVOA_Y
ClientSampleId :
223

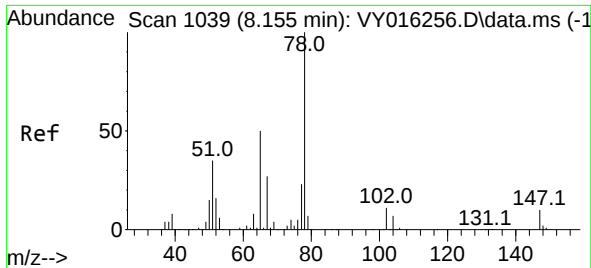
Tgt Ion:168 Resp: 97468
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#20
Methylene Chloride
Concen: 3.239 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Tgt Ion: 84 Resp: 6760
Ion Ratio Lower Upper
84 100
49 106.4 106.9 160.3#
51 33.4 33.2 49.8
86 67.9 51.0 76.6

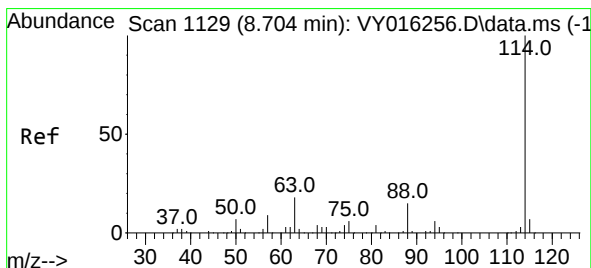
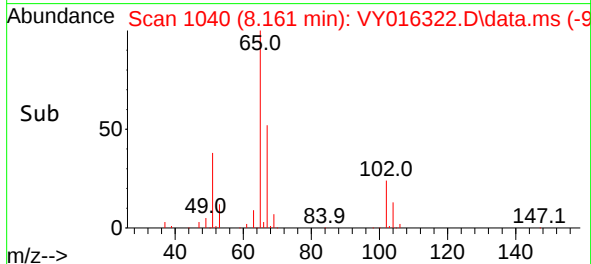
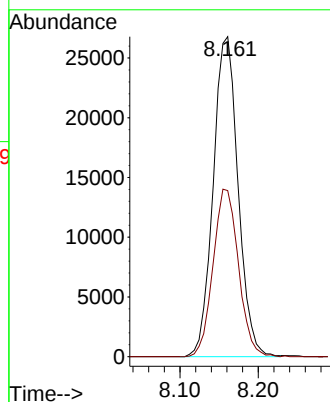
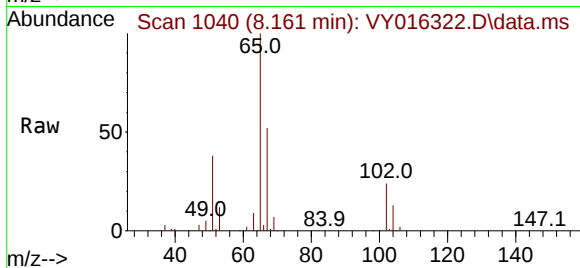




#33
 1,2-Dichloroethane-d4
 Concen: 66.475 ug/l
 RT: 8.161 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VY016322.D
 Acq: 13 Nov 2023 13:07

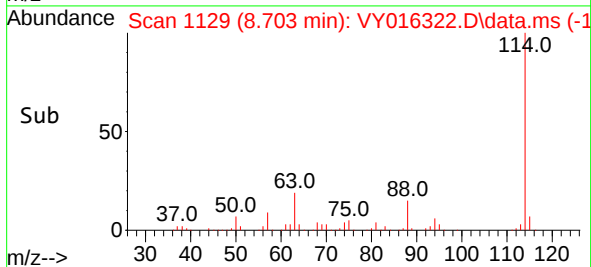
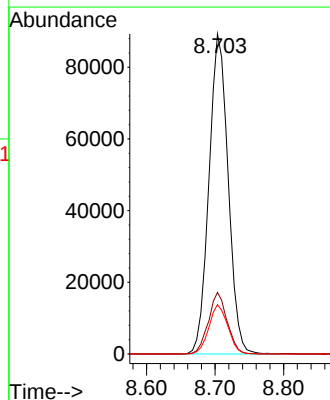
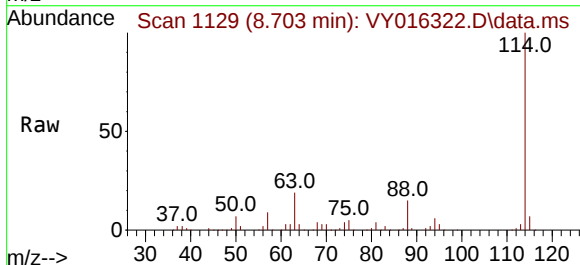
Instrument :
 MSVOA_Y
 ClientSampleId :
 223

Tgt Ion: 65 Resp: 59217
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016322.D
 Acq: 13 Nov 2023 13:07

Tgt Ion: 114 Resp: 173648
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.4 0.0 30.6

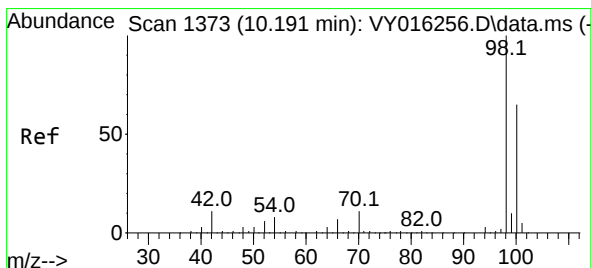
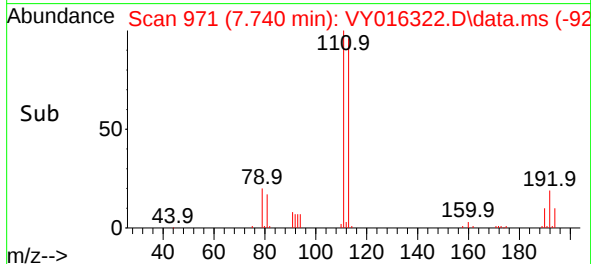
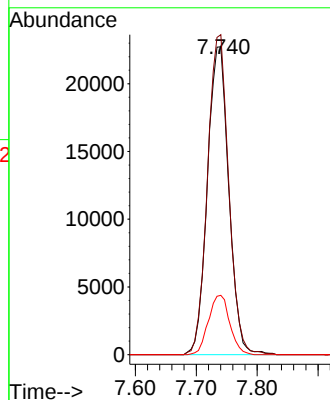
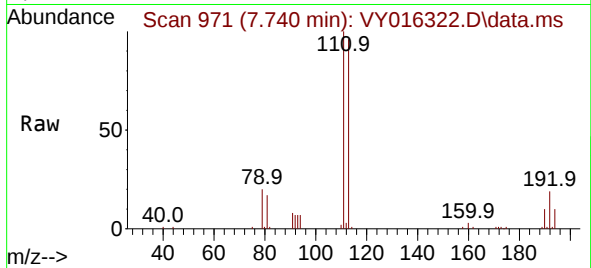




#35
Dibromofluoromethane
Concen: 56.391 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

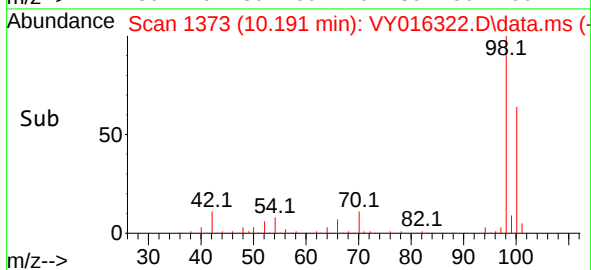
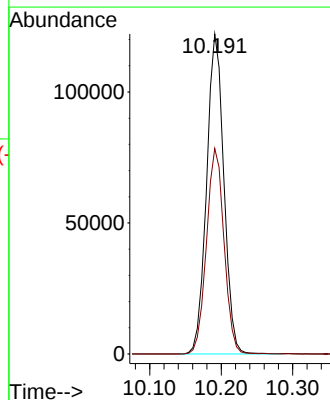
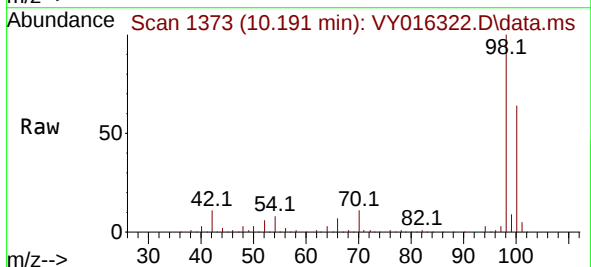
Instrument :
MSVOA_Y
ClientSampleId :
223

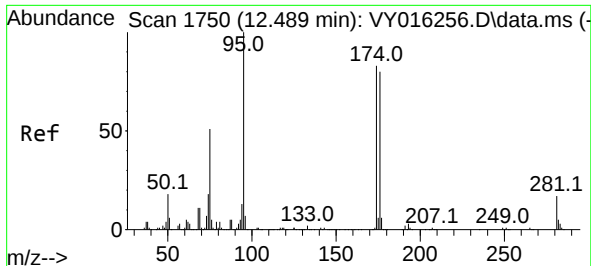
Tgt Ion:113 Resp: 55626
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 51.190 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

Tgt Ion: 98 Resp: 204770
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

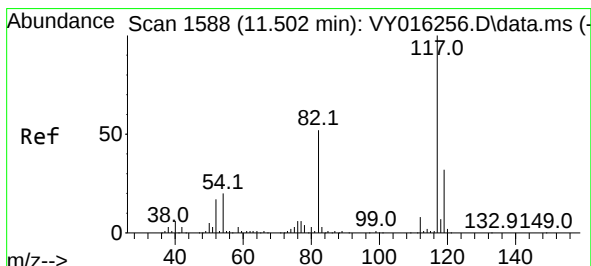
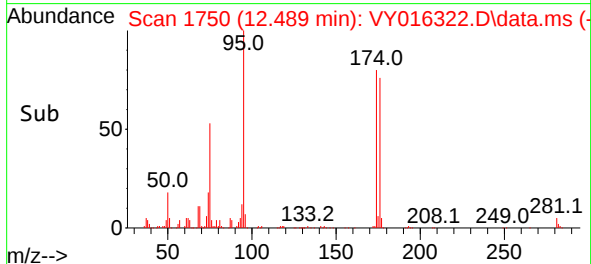
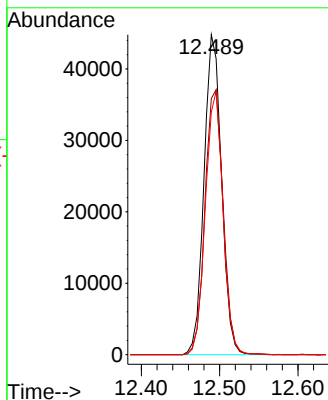
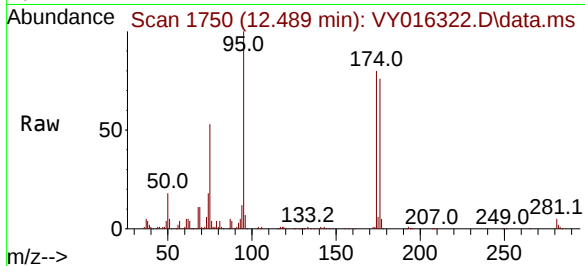




#62
4-Bromofluorobenzene
Concen: 53.564 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

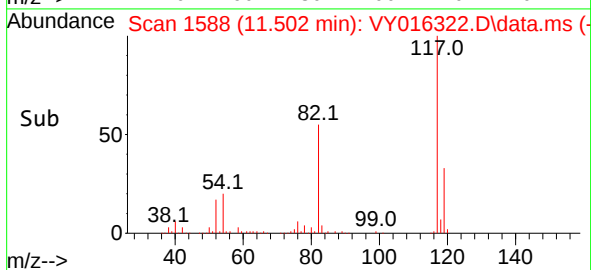
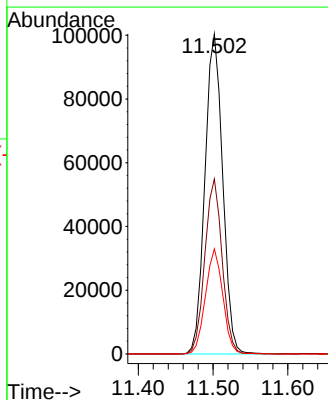
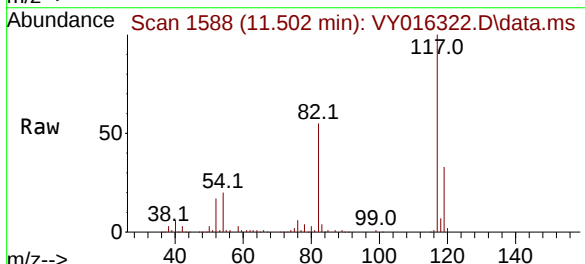
Instrument :
MSVOA_Y
ClientSampleId :
223

Tgt Ion: 95 Resp: 69590
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016322.D
Acq: 13 Nov 2023 13:07

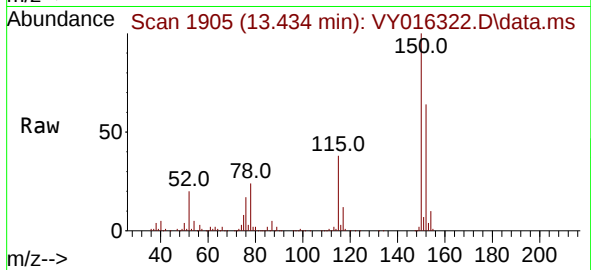
Tgt Ion: 117 Resp: 165616
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016322.D
 Acq: 13 Nov 2023 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 223



Tgt Ion:152 Resp: 74773
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 157.2 0.0 348.8

