

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013292.D
 Acq On : 13 Apr 2023 13:44
 Operator : KP/MD
 Sample : 02256-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 360

Quant Time: Apr 14 03:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

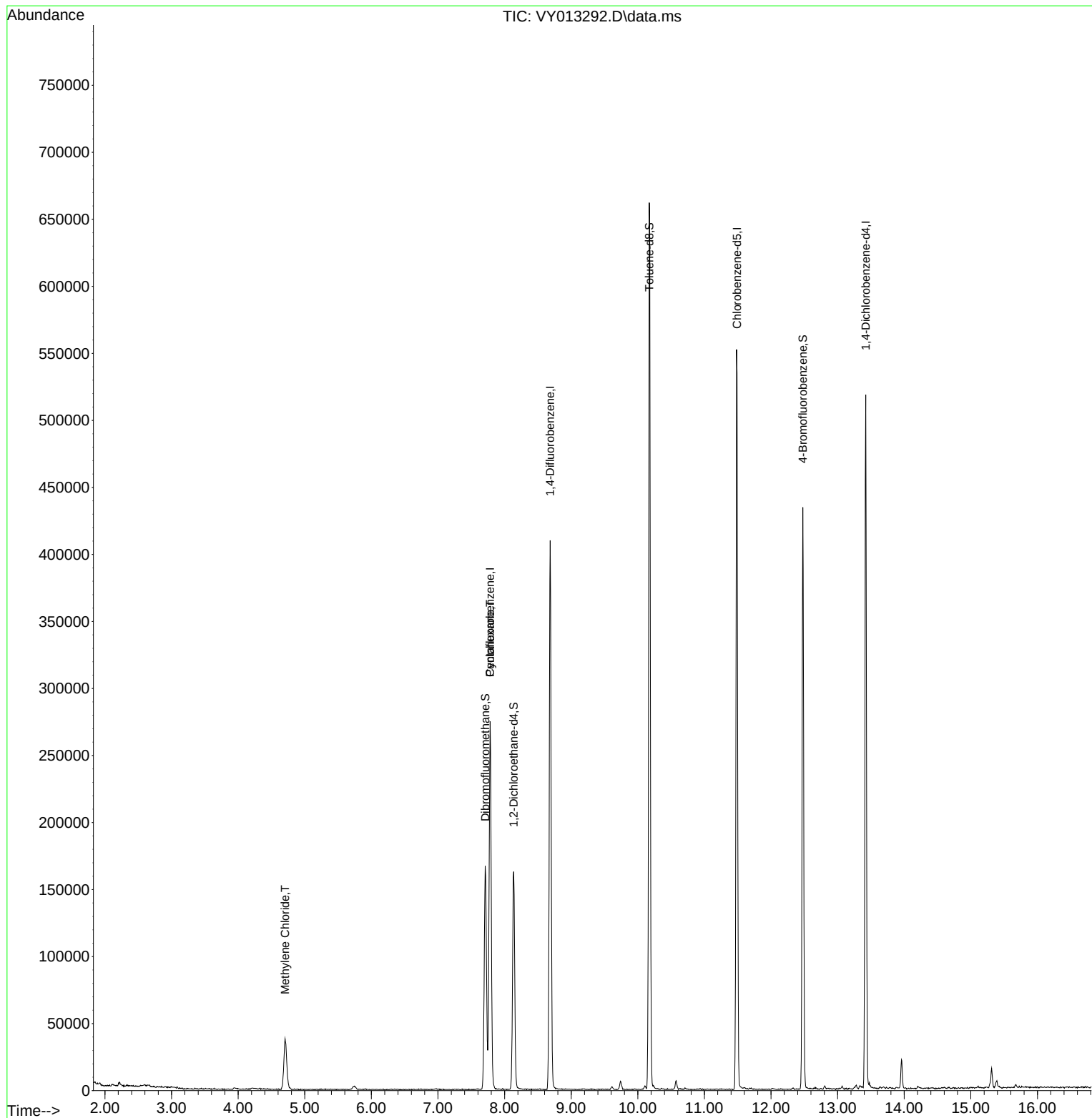
Internal Standards						
1) Pentafluorobenzene	7.783	168	203872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128697	52.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.060%	
35) Dibromofluoromethane	7.710	113	117119	54.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.173	98	421686	52.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.477	95	119678	45.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.340%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	26292	8.249	ug/l	94
31) Cyclohexane	7.783	56	5610	1.514	ug/l #	41

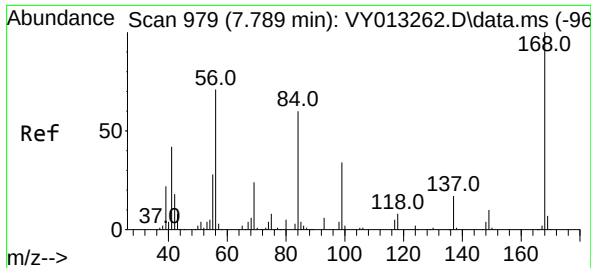
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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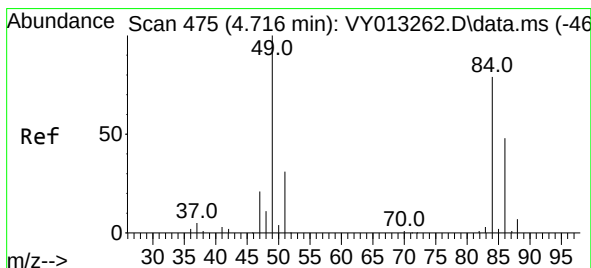
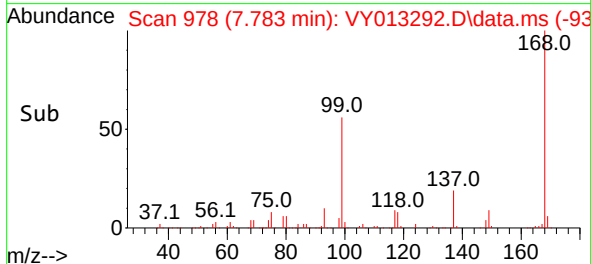
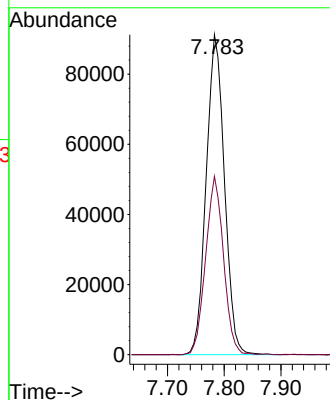
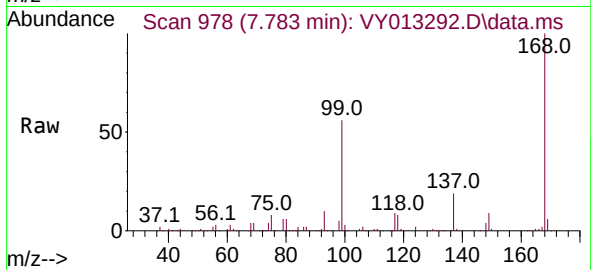




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

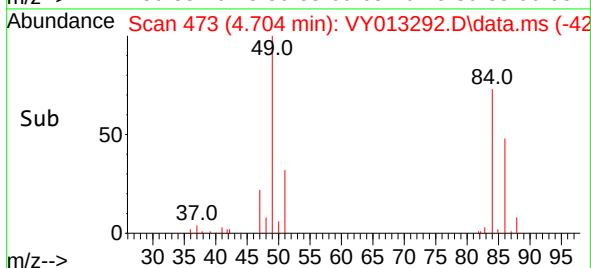
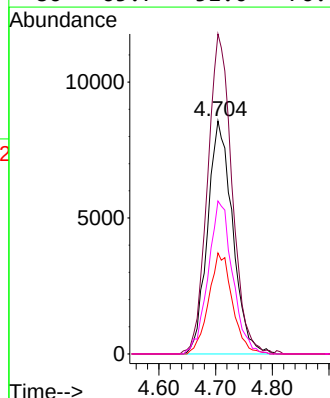
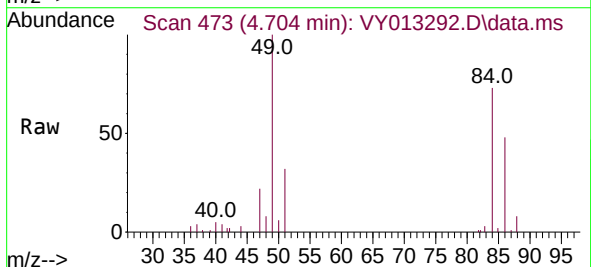
Instrument :
MSVOA_Y
ClientSampleId :
360

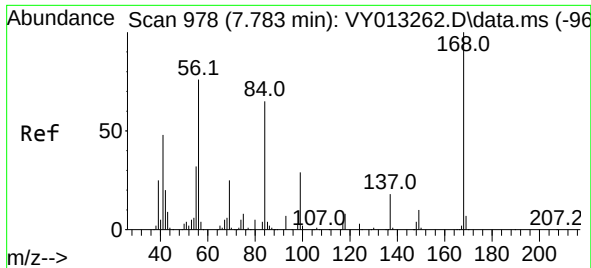
Tgt Ion:168 Resp: 203872
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#20
Methylene Chloride
Concen: 8.249 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 84 Resp: 26292
Ion Ratio Lower Upper
84 100
49 137.4 102.6 154.0
51 43.4 31.9 47.9
86 65.7 51.0 76.6

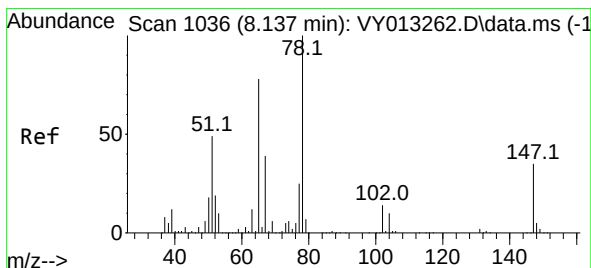
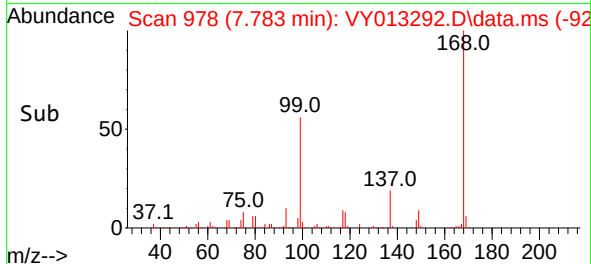
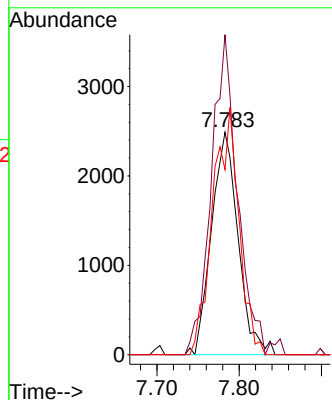
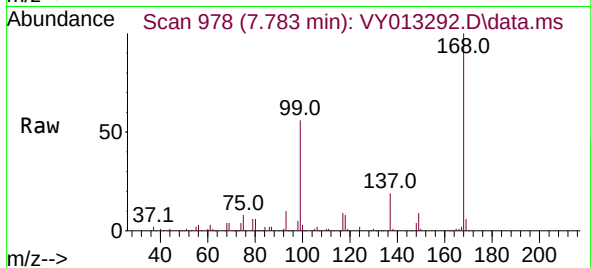




#31
Cyclohexane
Concen: 1.514 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

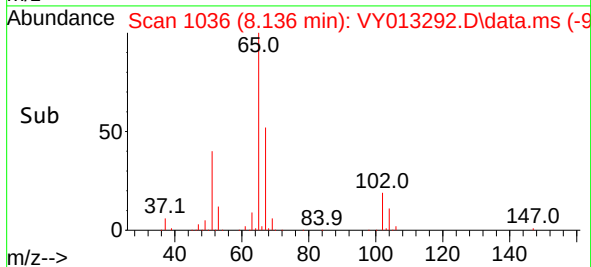
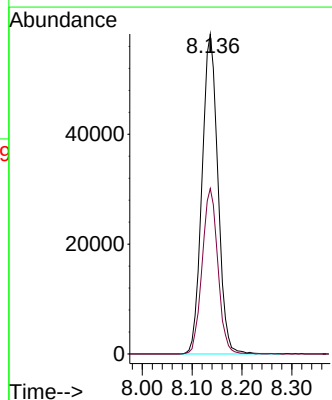
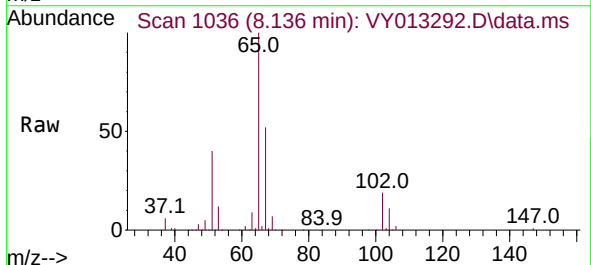
Instrument :
MSVOA_Y
ClientSampleId :
360

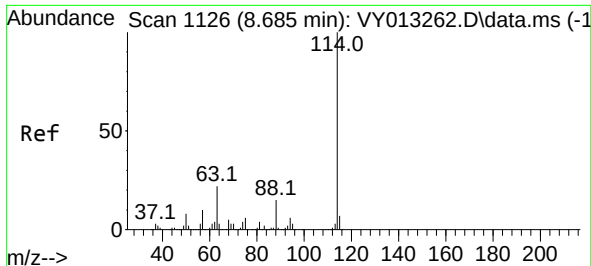
Tgt Ion: 56 Resp: 5610
Ion Ratio Lower Upper
56 100
69 143.8 25.7 38.5#
84 83.2 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 52.528 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 65 Resp: 128697
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

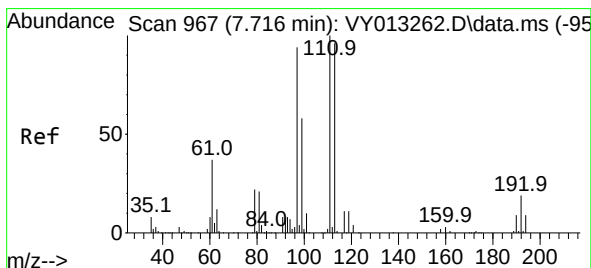
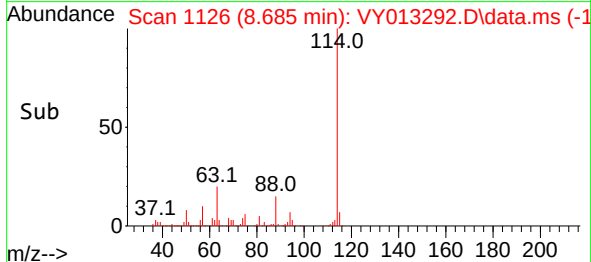
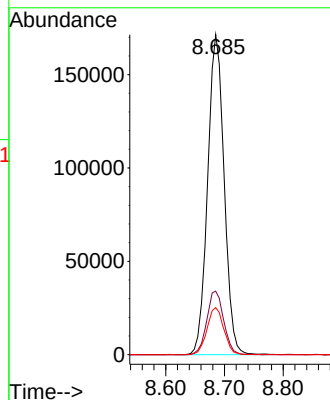
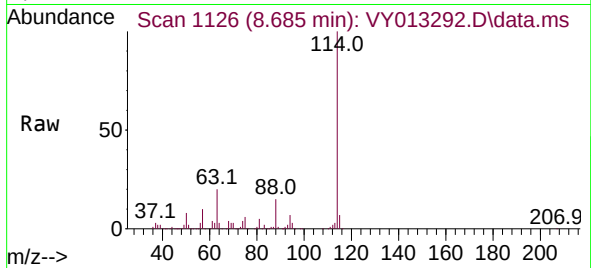




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

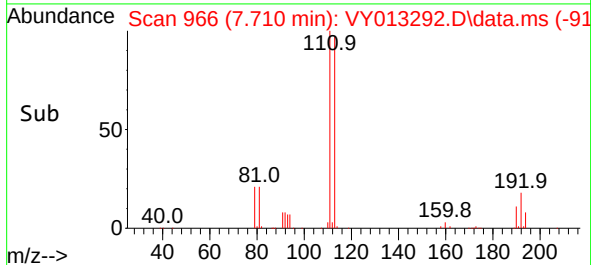
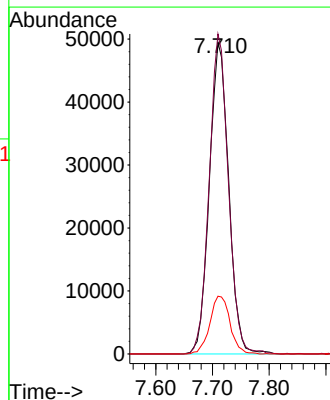
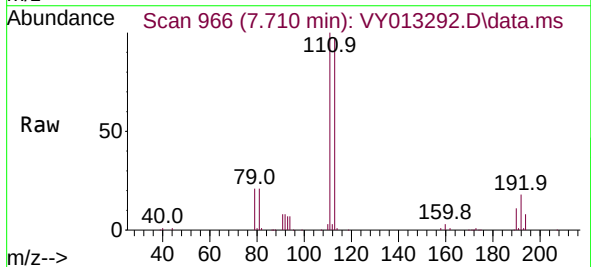
Instrument :
MSVOA_Y
ClientSampleId :
360

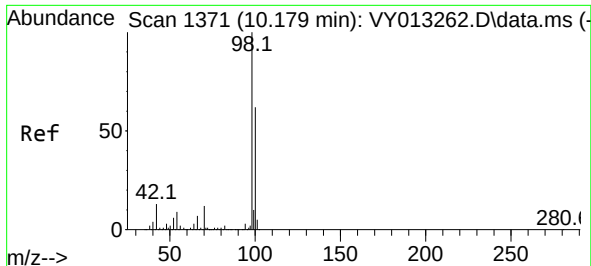
Tgt Ion:114 Resp: 334731
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 54.046 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion:113 Resp: 117119
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.4 16.8 25.2

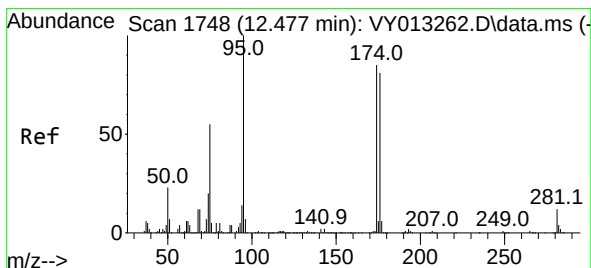
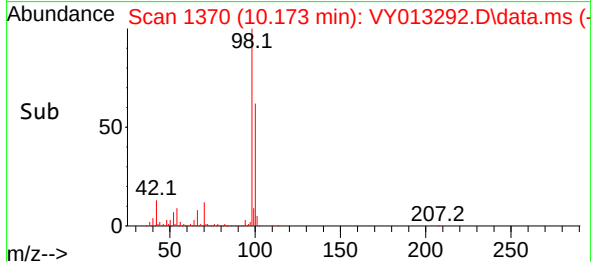
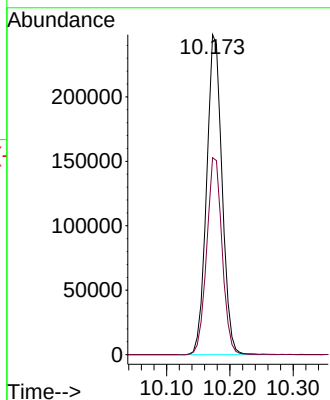
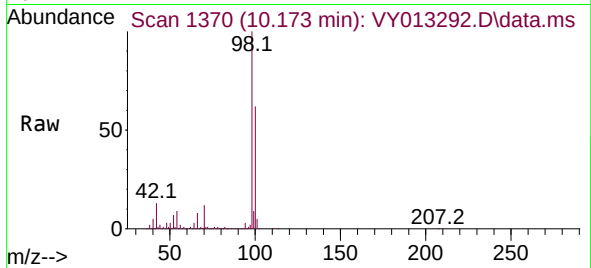




#50
Toluene-d8
Concen: 52.279 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

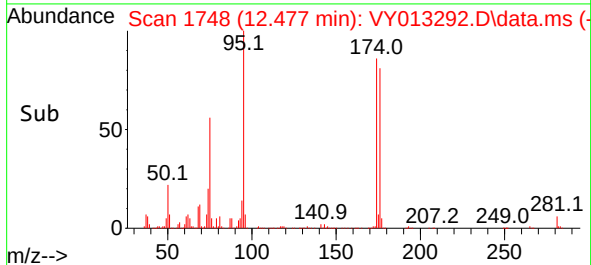
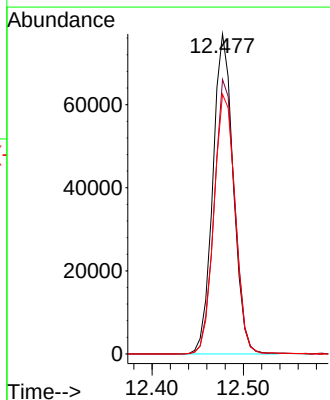
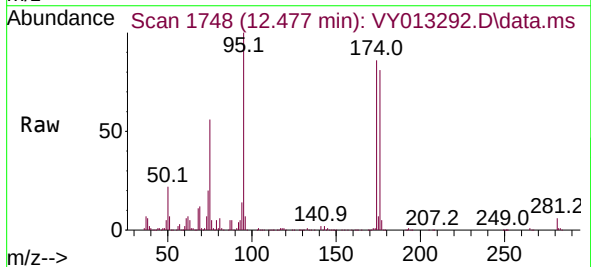
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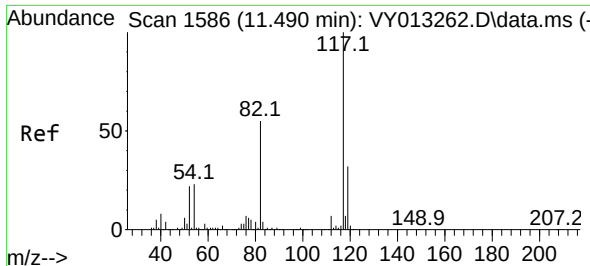
Tgt Ion: 98 Resp: 421686
Ion Ratio Lower Upper
98 100
100 61.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.665 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion: 95 Resp: 119678
Ion Ratio Lower Upper
95 100
174 86.8 0.0 176.6
176 84.4 0.0 170.2

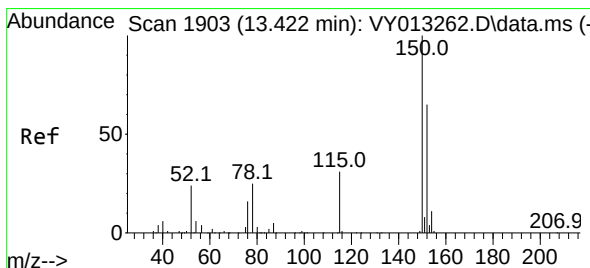
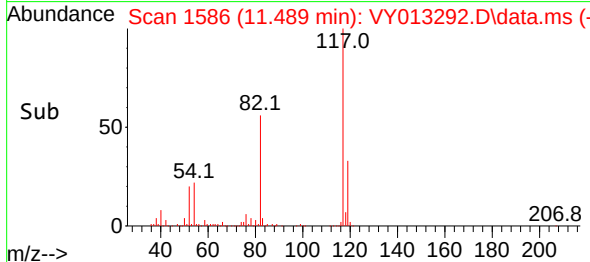
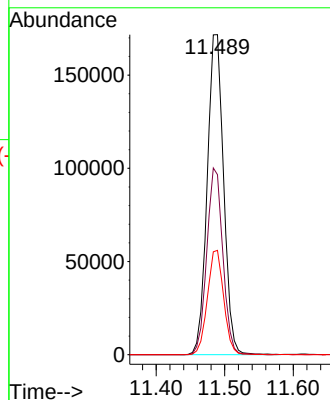
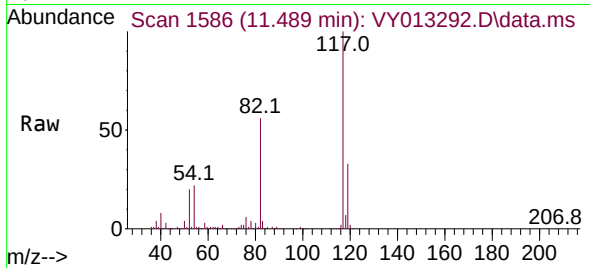




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Instrument :
MSVOA_Y
ClientSampleId :
360

Tgt Ion:117 Resp: 286014
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013292.D
Acq: 13 Apr 2023 13:44

Tgt Ion:152 Resp: 130551
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 154.5 0.0 347.8

