

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009539.D
 Acq On : 12 Jul 2022 17:50
 Operator : KP/MD
 Sample : N3597-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220511-FIELD-DUPLICATE-COMP

Quant Time: Jul 13 01:16:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

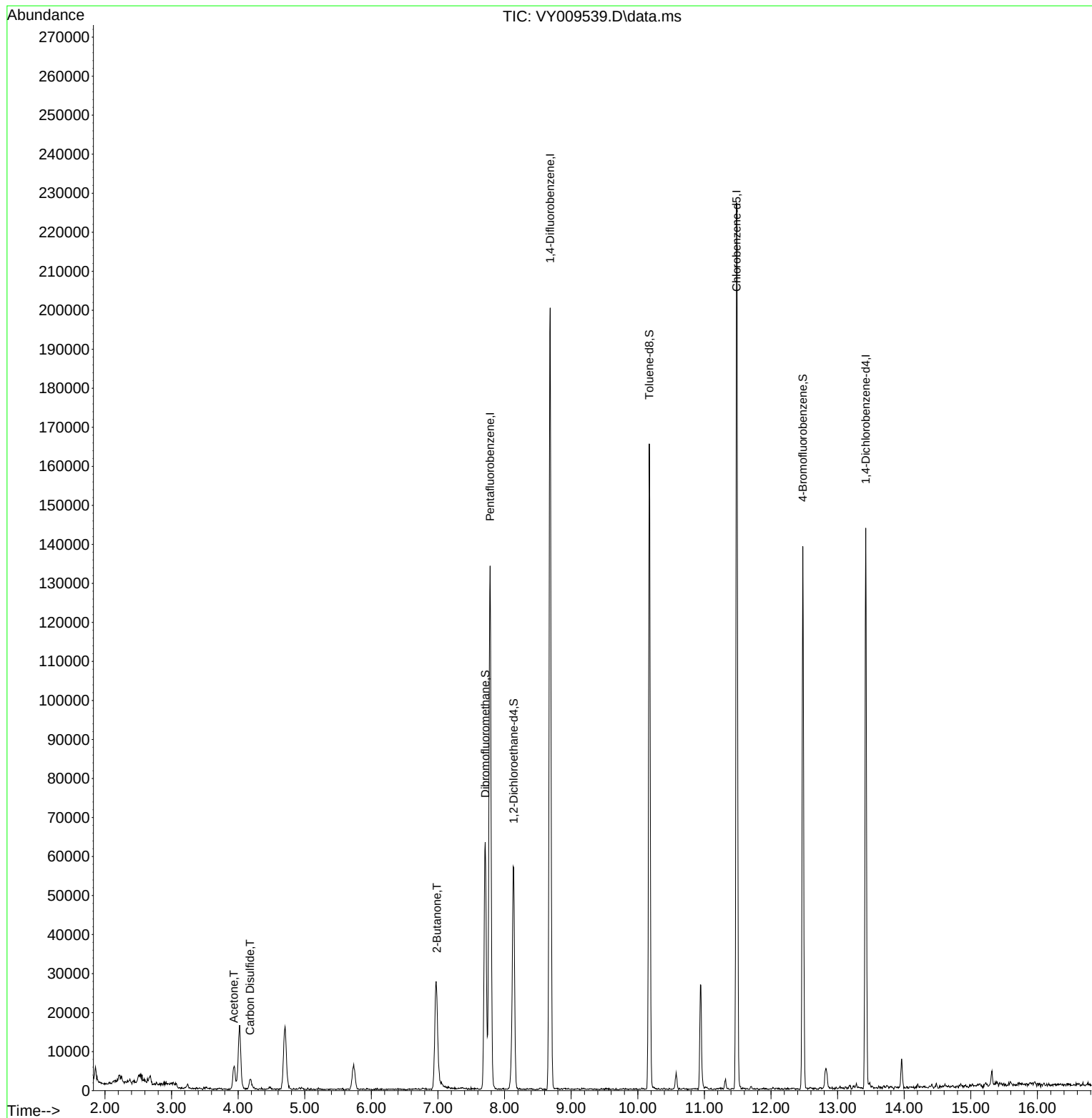
Internal Standards						
1) Pentafluorobenzene	7.783	168	106723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	124258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41858	56.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.710	113	43382	49.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.560%
50) Toluene-d8	10.173	98	104569	42.035	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.060%
62) 4-Bromofluorobenzene	12.477	95	37124	29.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	59.760%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	10609	40.864	ug/l	99
17) Carbon Disulfide	4.180	76	3581	5.547	ug/l #	90
25) 2-Butanone	6.984	43	5288	12.591	ug/l	95

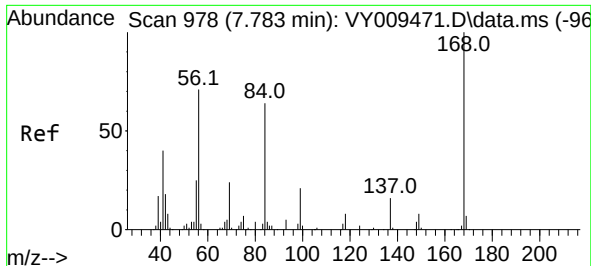
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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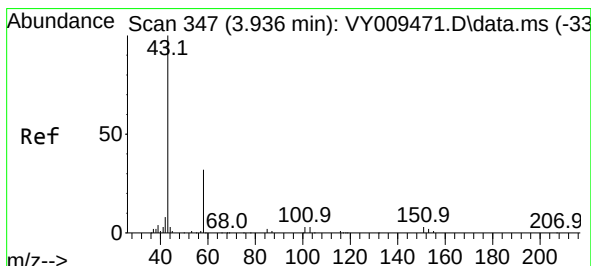
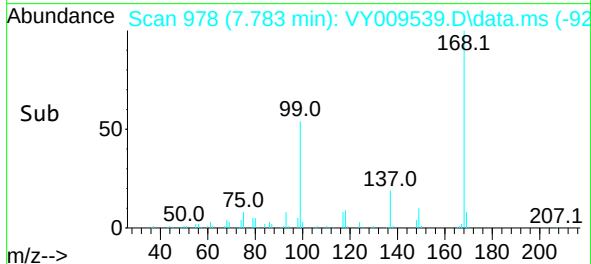
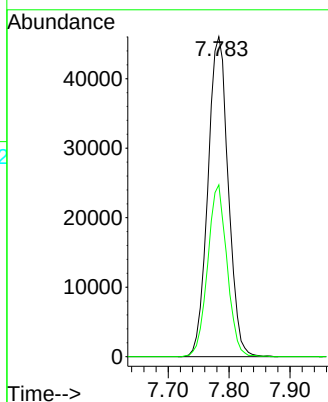
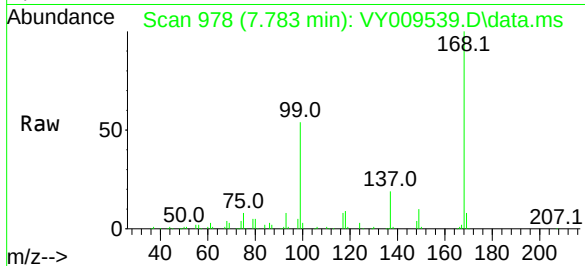




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

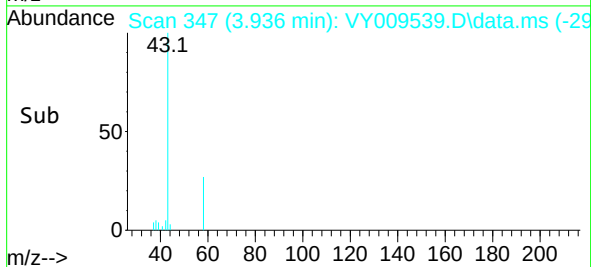
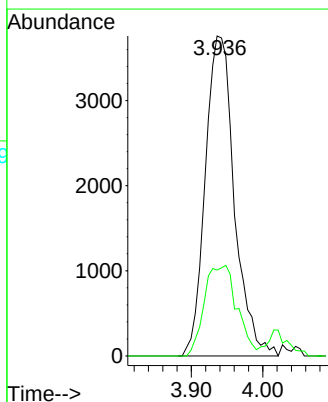
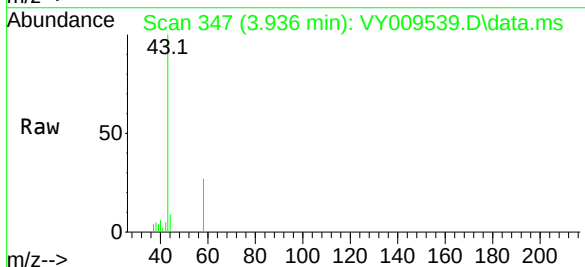
Instrument :
MSVOA_Y
ClientSampleId :
20220511-FIELD-DUPLICATE-COMP

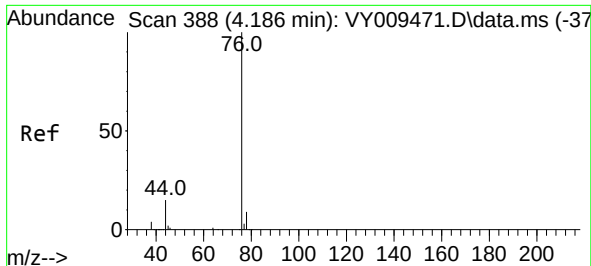
Tgt Ion:168 Resp: 106723
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 40.864 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

Tgt Ion: 43 Resp: 10609
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0

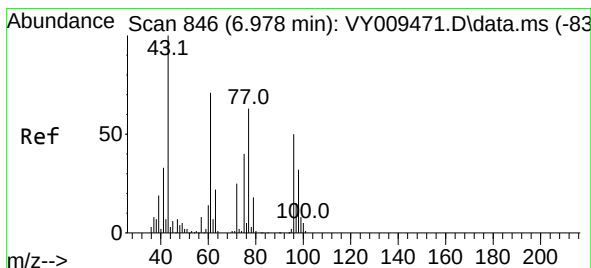
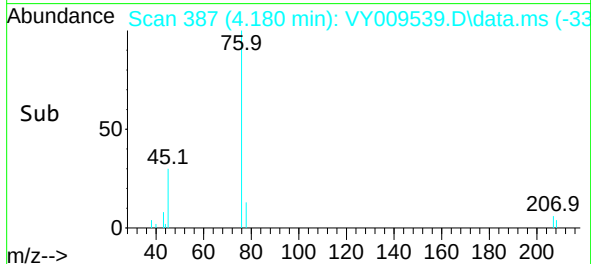
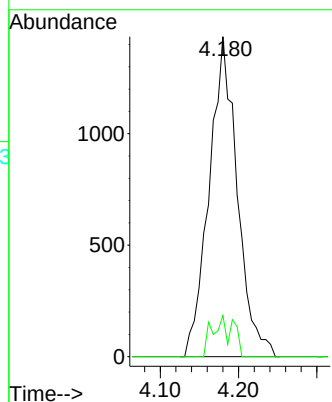
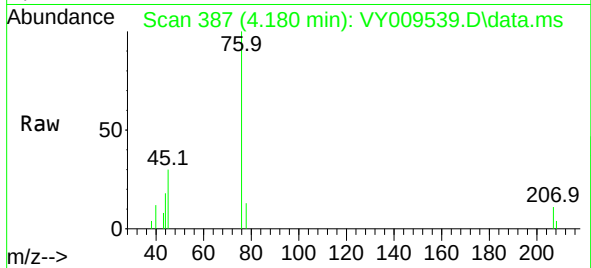




#17
Carbon Disulfide
Concen: 5.547 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

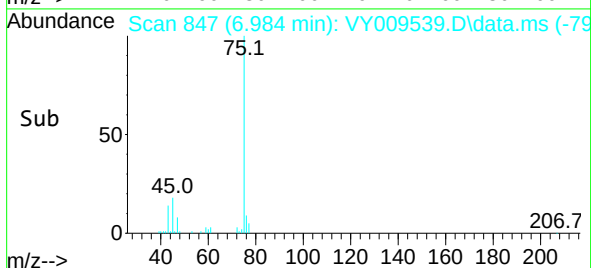
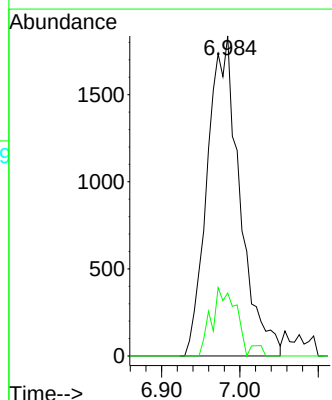
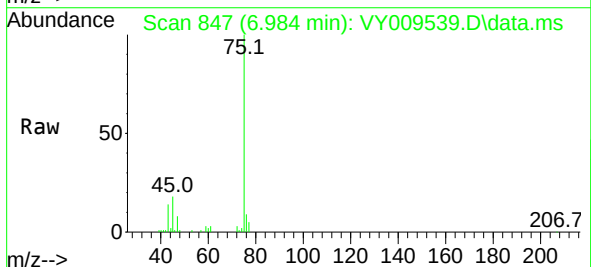
Instrument : MSVOA_Y
ClientSampleId : 20220511-FIELD-DUPLICATE-COMP

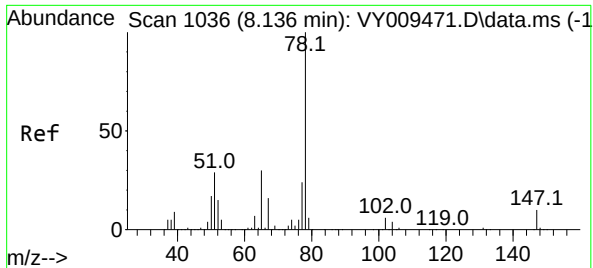
Tgt Ion: 76 Resp: 3581
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.0#



#25
2-Butanone
Concen: 12.591 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

Tgt Ion: 43 Resp: 5288
Ion Ratio Lower Upper
43 100
72 19.7 17.7 26.5

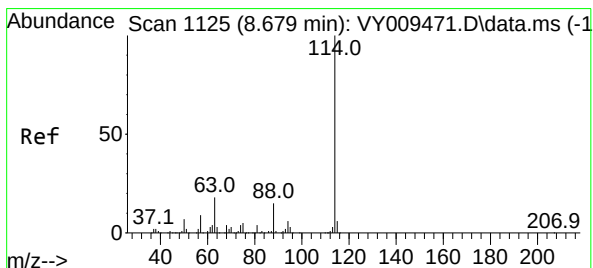
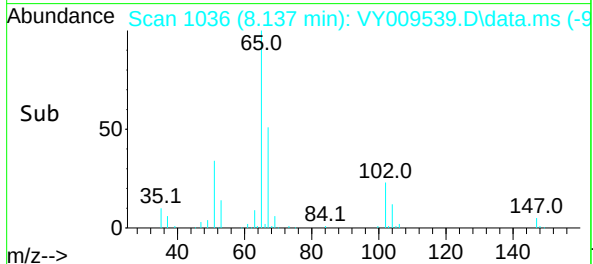
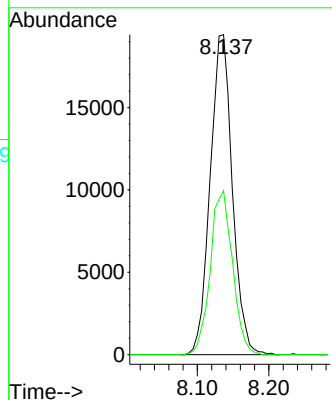
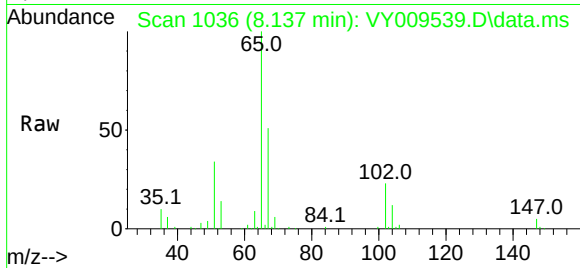




#33
1,2-Dichloroethane-d4
Concen: 56.524 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

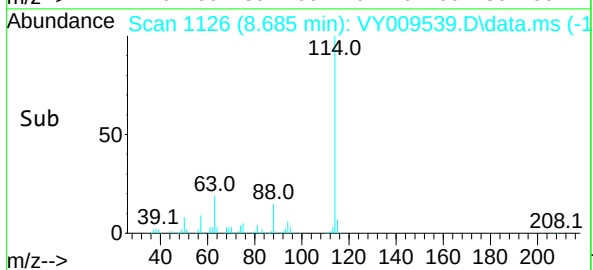
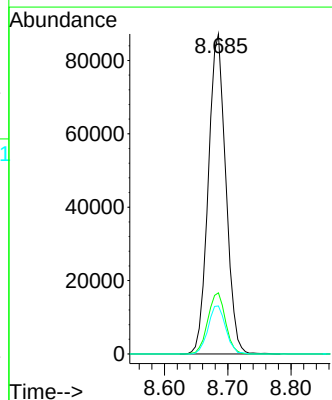
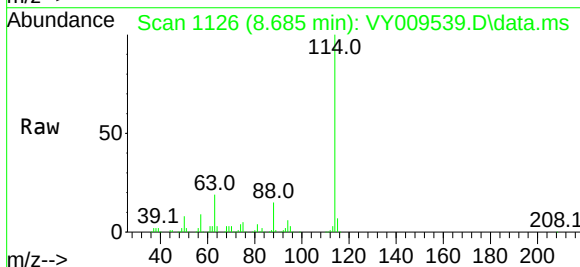
Instrument : MSVOA_Y
ClientSampleId : 20220511-FIELD-DUPLICATE-COMP

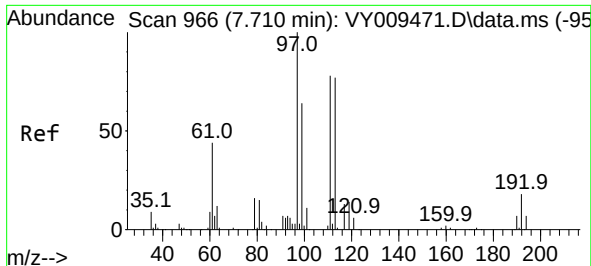
Tgt Ion: 65 Resp: 41858
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

Tgt Ion: 114 Resp: 167292
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 15.0 0.0 31.8

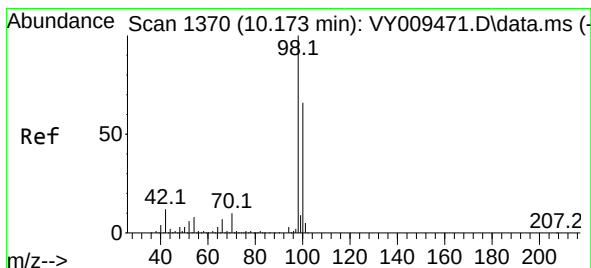
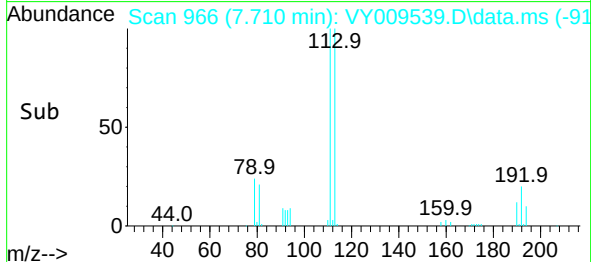
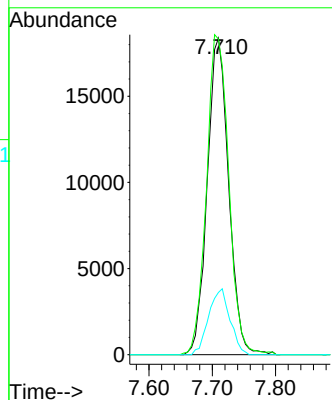
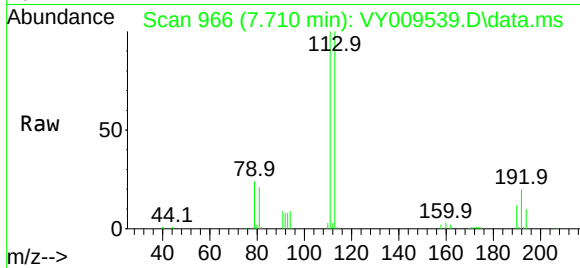




#35
Dibromofluoromethane
Concen: 49.284 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

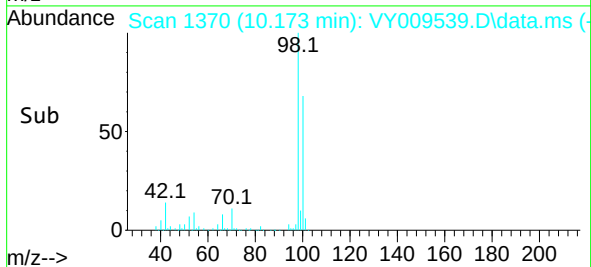
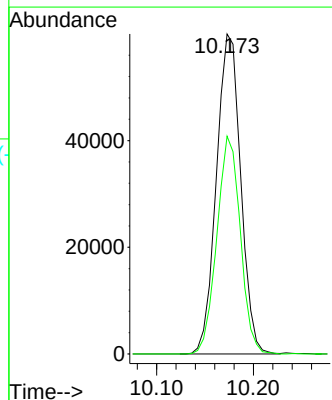
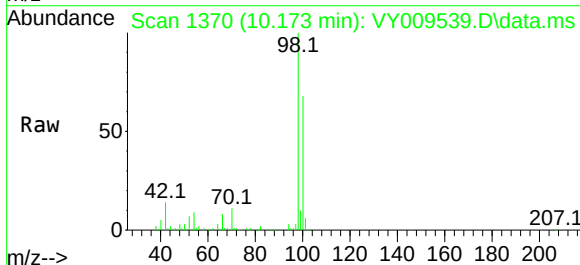
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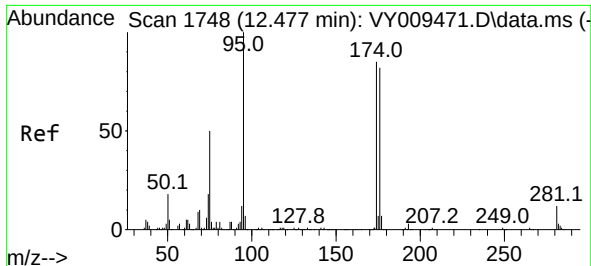
Tgt Ion:113 Resp: 43382
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 20.7 17.6 26.4



#50
Toluene-d8
Concen: 42.035 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

Tgt Ion: 98 Resp: 104569
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

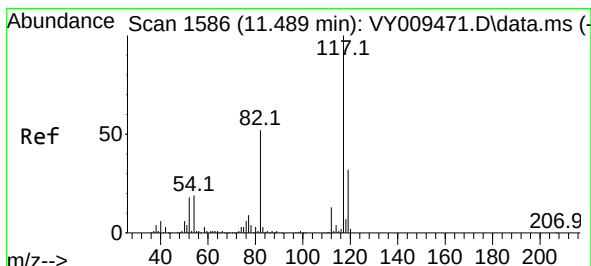
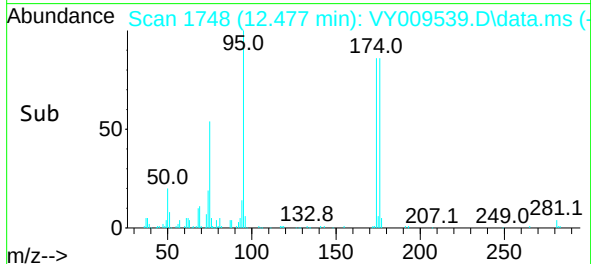
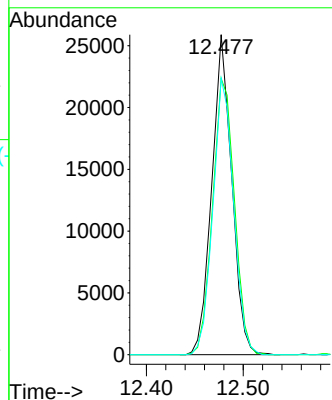
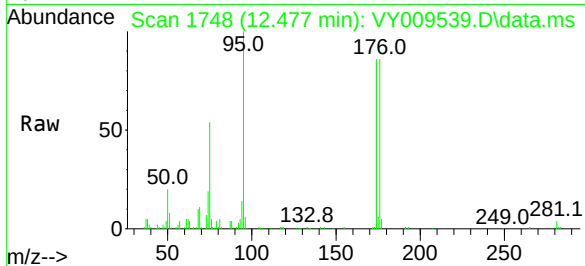




#62
4-Bromofluorobenzene
Concen: 29.878 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

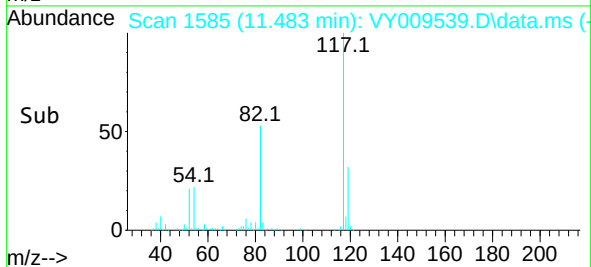
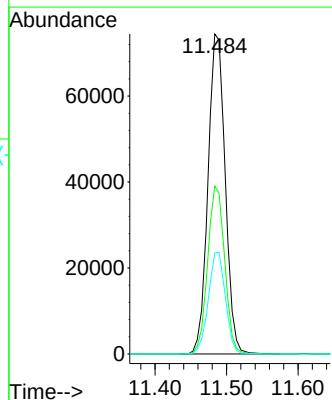
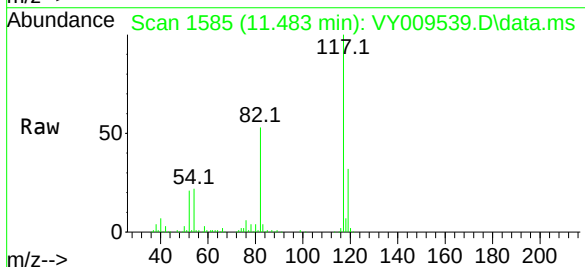
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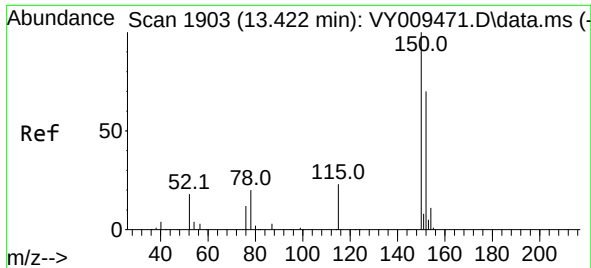
Tgt Ion: 95 Resp: 37124
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 89.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009539.D
Acq: 12 Jul 2022 17:50

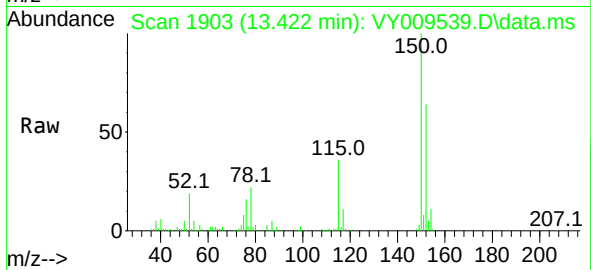
Tgt Ion: 117 Resp: 124258
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009539.D
 Acq: 12 Jul 2022 17:50

Instrument : MSVOA_Y
 ClientSampleId : 20220511-FIELD-DUPLICATE-COMP



Tgt Ion:	152	Resp:	36179
Ion Ratio	Lower	Upper	
152	100		
115	56.3	28.2	84.7
150	155.1	0.0	347.6

