

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009151.D
 Acq On : 06 Jun 2022 16:38
 Operator : KP/MD
 Sample : N3189-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220414-COMPOSITE-C

Quant Time: Jun 07 02:32:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

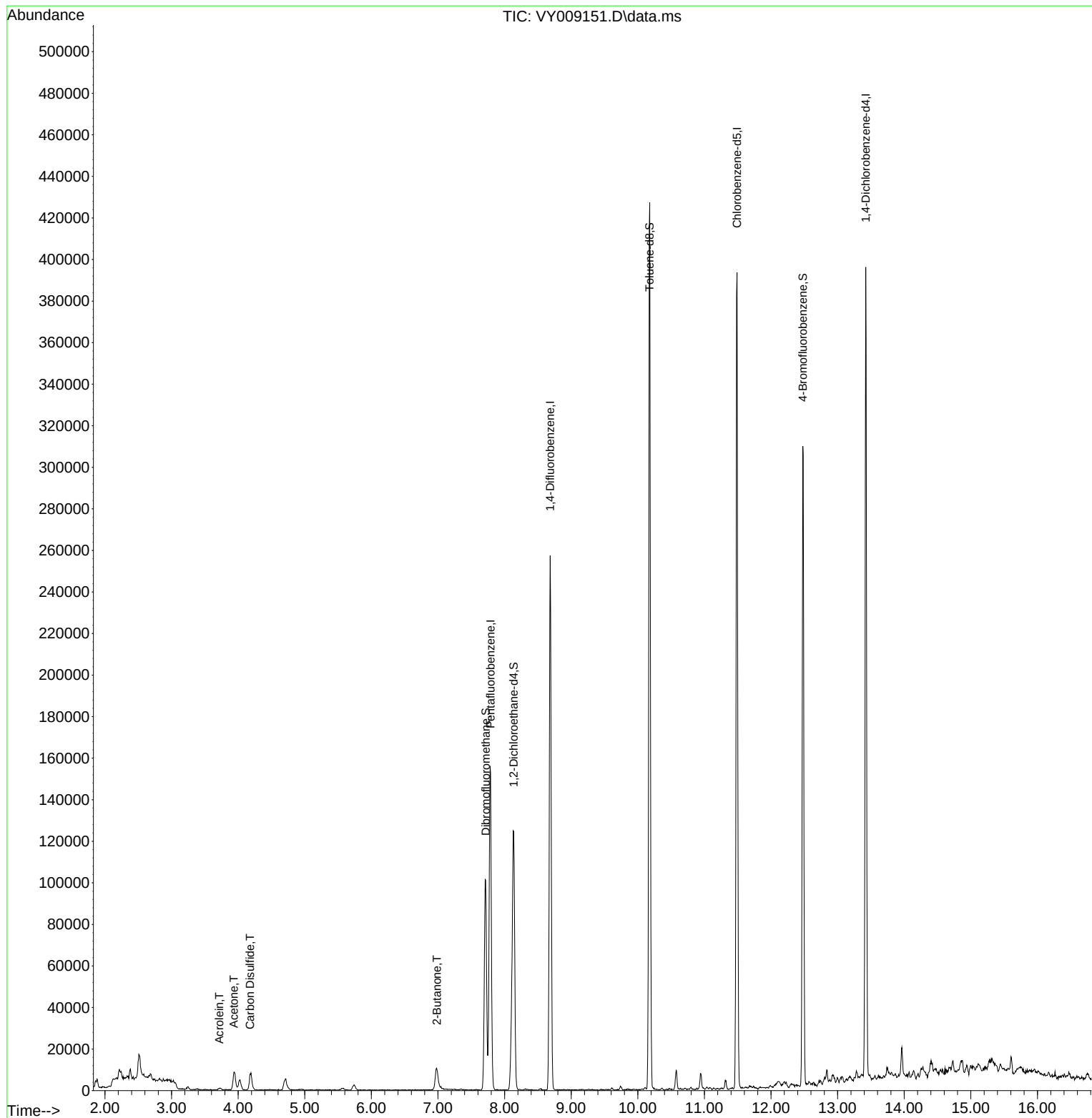
Internal Standards						
1) Pentafluorobenzene	7.789	168	120132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81908	66.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.500%
35) Dibromofluoromethane	7.716	113	68785	51.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.940%
50) Toluene-d8	10.179	98	271250	55.015	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.020%
62) 4-Bromofluorobenzene	12.477	95	82411	41.435	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.880%
Target Compounds						
13) Acrolein	3.716	56	1076	26.066	ug/l #	53
16) Acetone	3.936	43	15198	59.053	ug/l	94
17) Carbon Disulfide	4.180	76	13855	3.753	ug/l	96
25) 2-Butanone	6.984	43	5300	11.530	ug/l	98

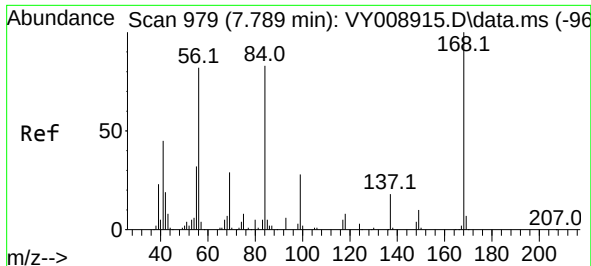
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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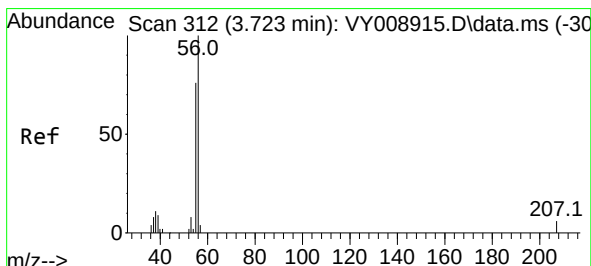
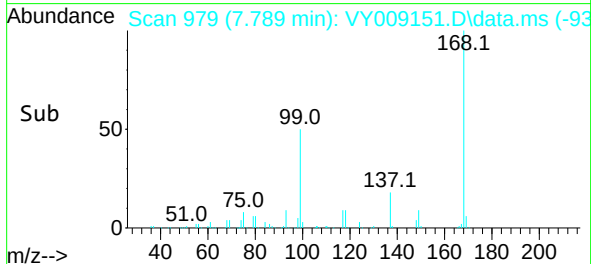
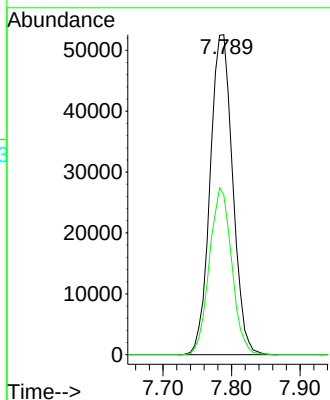
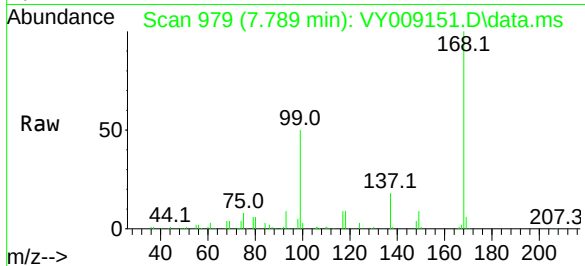




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

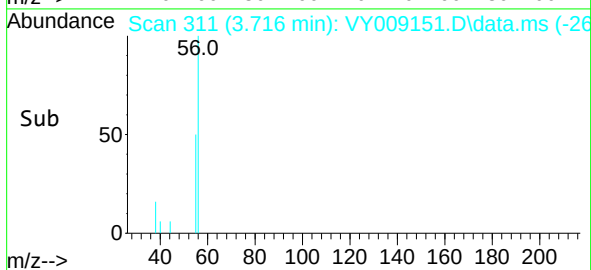
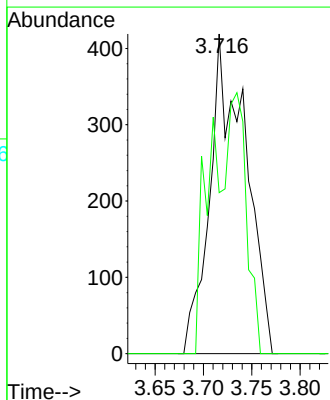
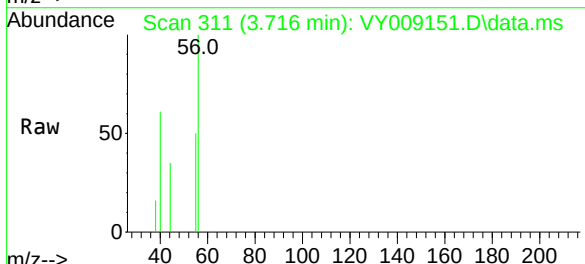
Instrument :
MSVOA_Y
ClientSampleId :
20220414-COMPOSITE-C

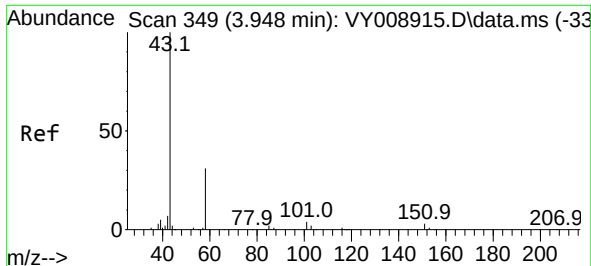
Tgt Ion:168 Resp: 120132
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#13
Acrolein
Concen: 26.066 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

Tgt Ion: 56 Resp: 1076
Ion Ratio Lower Upper
56 100
55 32.7 57.6 86.4#

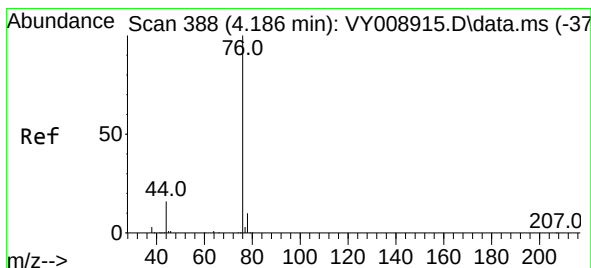
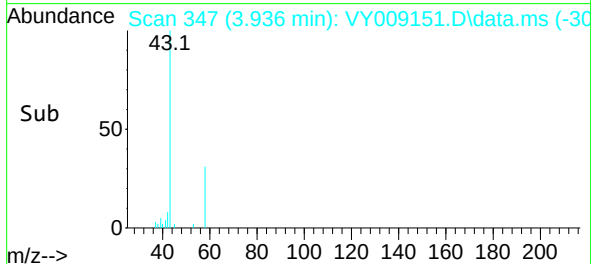
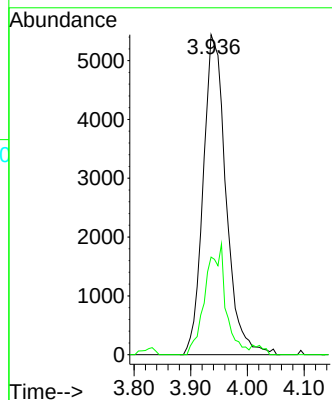
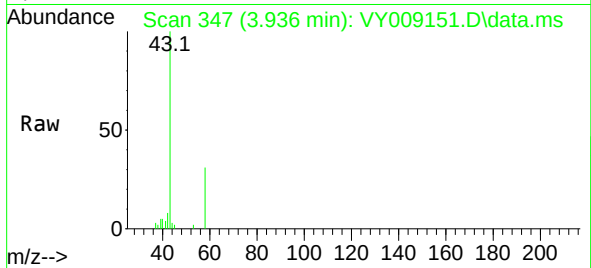




#16
Acetone
Concen: 59.053 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

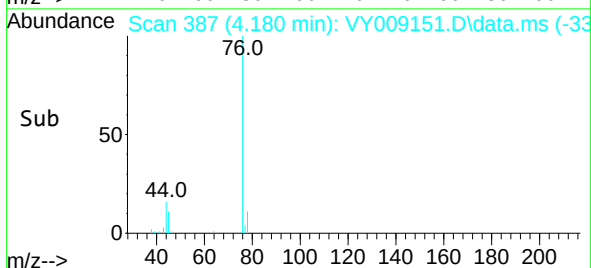
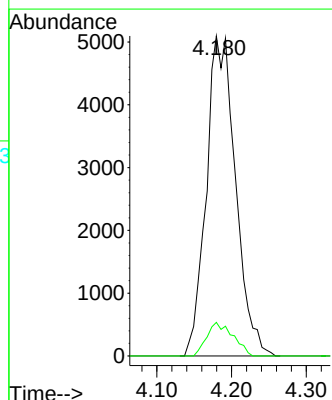
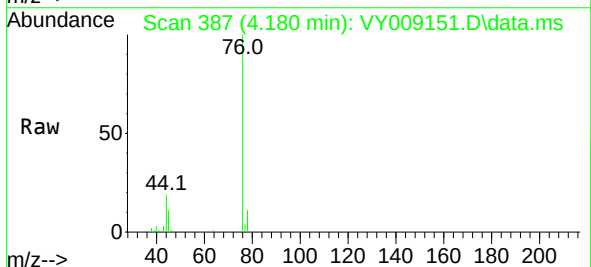
Instrument :
MSVOA_Y
ClientSampleId :
20220414-COMPOSITE-C

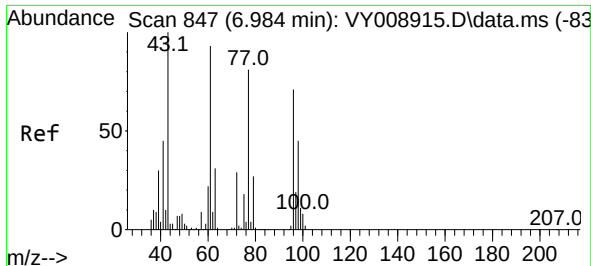
Tgt Ion: 43 Resp: 15198
Ion Ratio Lower Upper
43 100
58 30.5 22.0 33.0



#17
Carbon Disulfide
Concen: 3.753 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

Tgt Ion: 76 Resp: 13855
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0

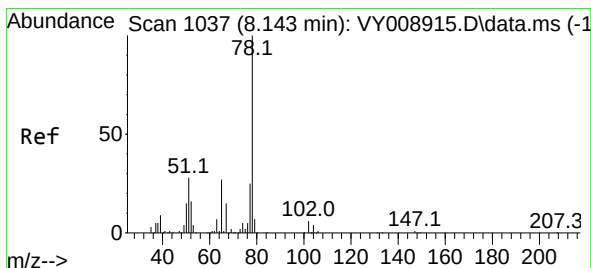
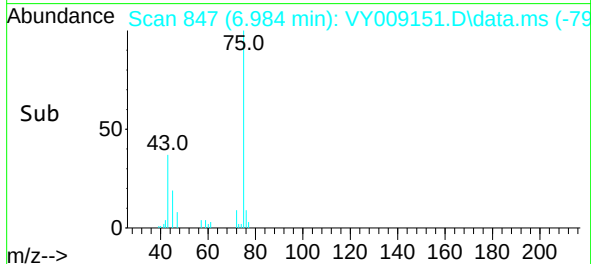
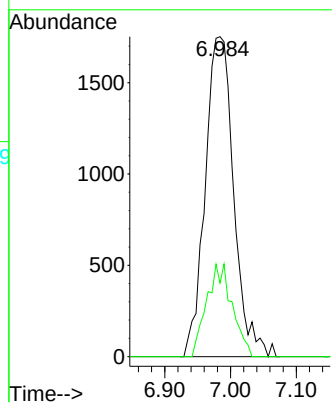
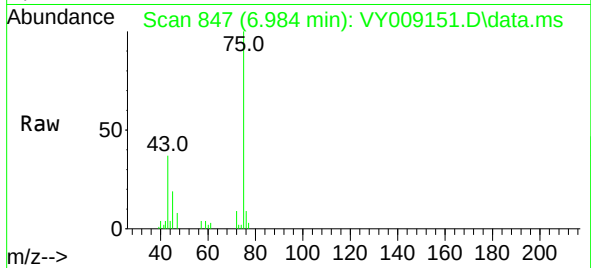




#25
2-Butanone
Concen: 11.530 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

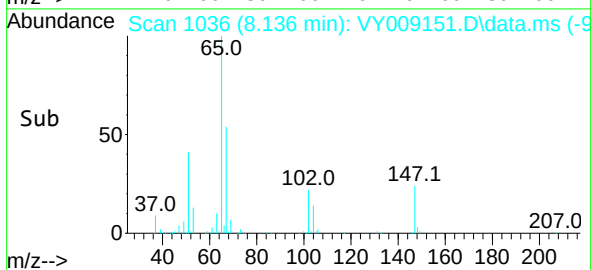
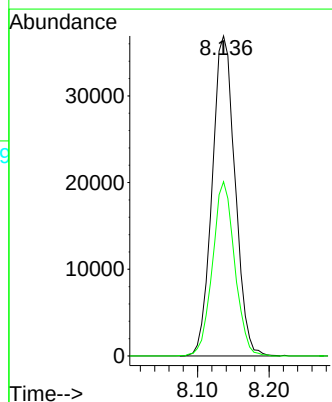
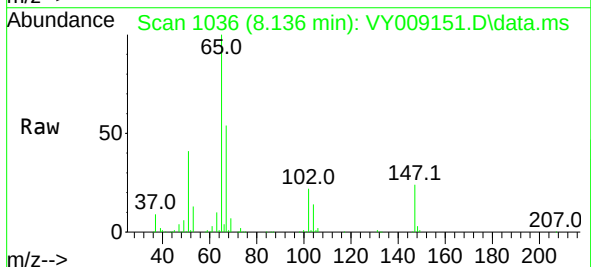
Instrument :
MSVOA_Y
ClientSampleId :
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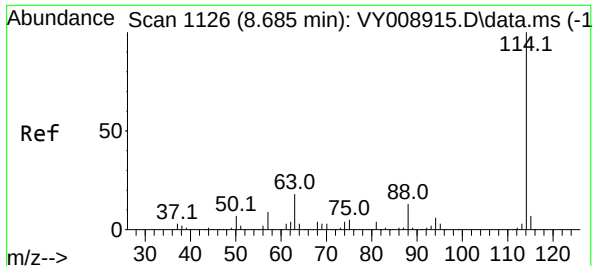
Tgt Ion: 43 Resp: 5300
Ion Ratio Lower Upper
43 100
72 23.0 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 66.248 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

Tgt Ion: 65 Resp: 81908
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

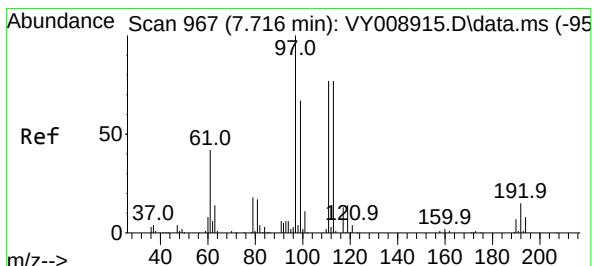
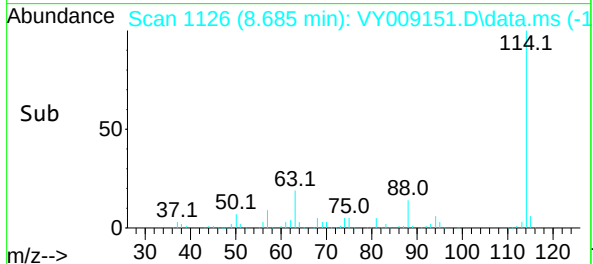
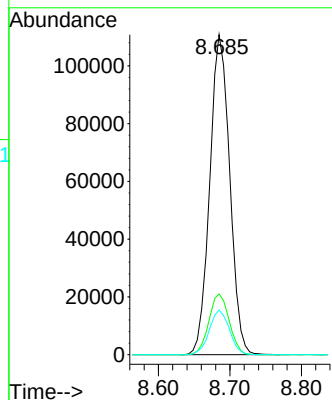
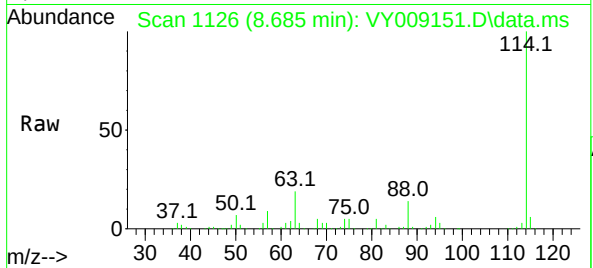




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

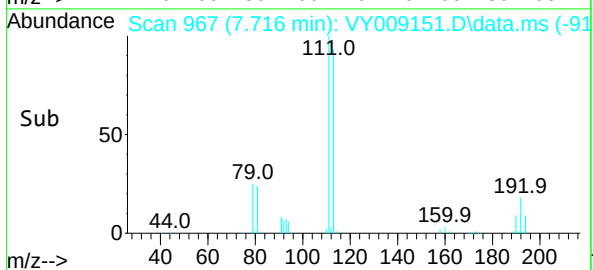
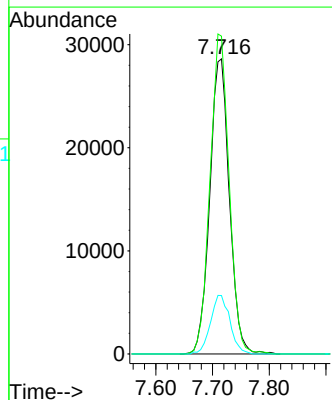
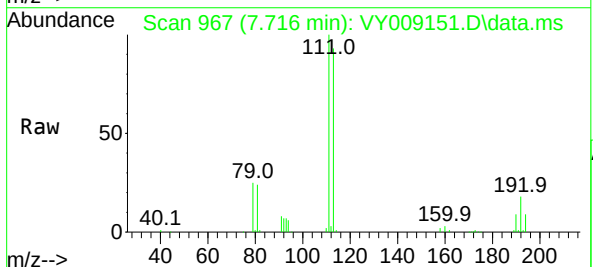
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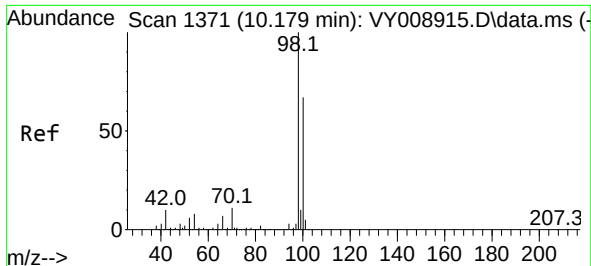
Tgt Ion:114 Resp: 214924
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.467 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

Tgt Ion:113 Resp: 68785
Ion Ratio Lower Upper
113 100
111 105.5 82.6 124.0
192 19.7 17.6 26.4

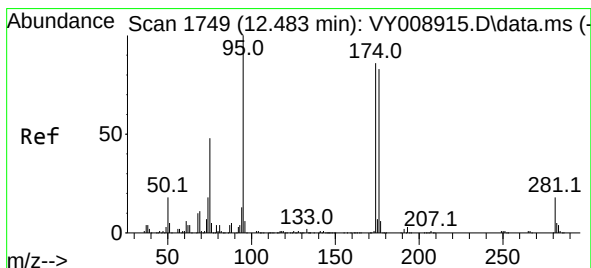
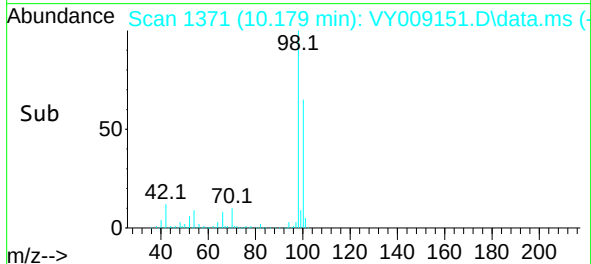
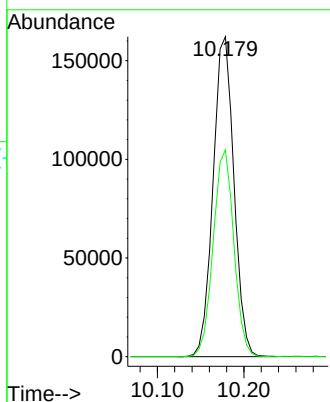
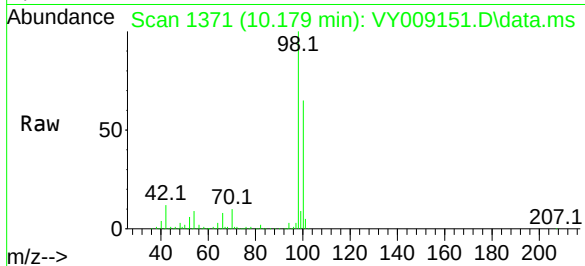




#50
Toluene-d8
Concen: 55.015 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

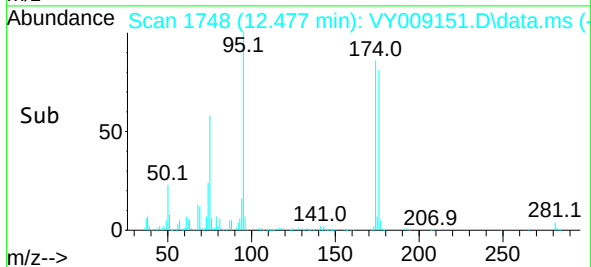
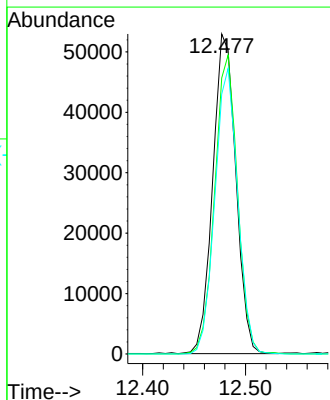
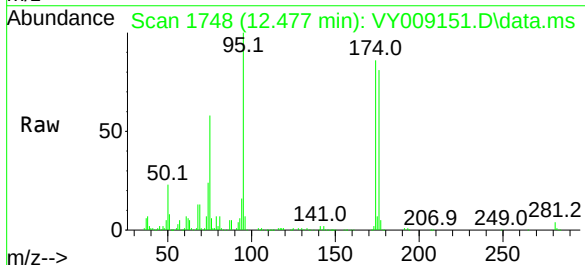
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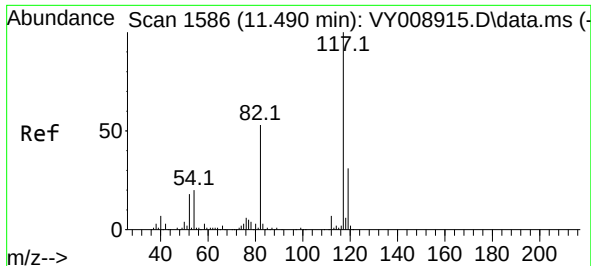
Tgt Ion: 98 Resp: 271250
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.435 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

Tgt Ion: 95 Resp: 82411
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 88.4 0.0 175.8

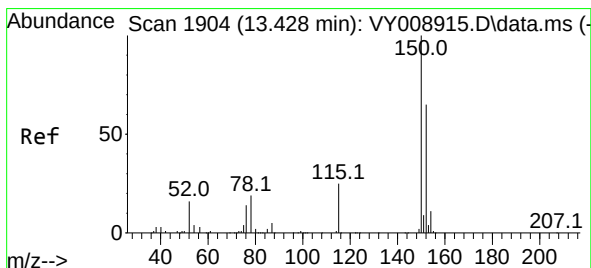
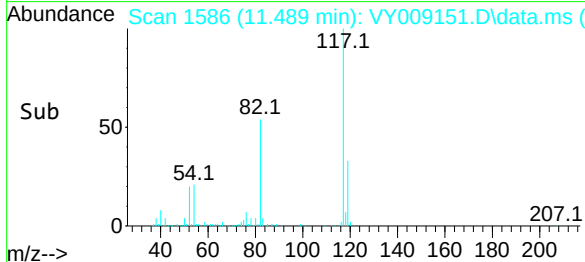
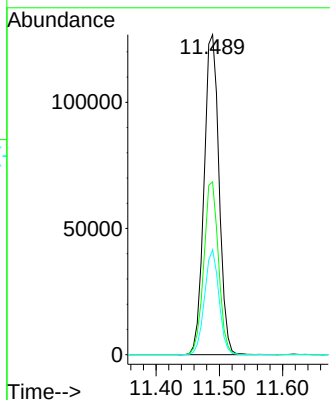
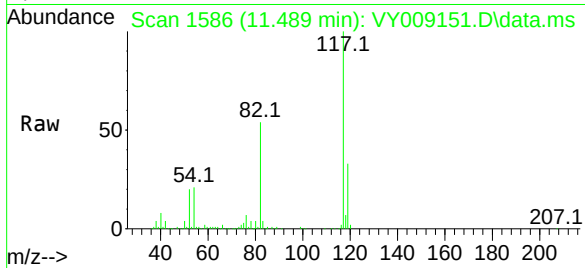




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

Instrument :
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Tgt Ion:117 Resp: 208788
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009151.D
Acq: 06 Jun 2022 16:38

Tgt Ion:152 Resp: 92633
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 158.1 0.0 347.6

