

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009166.D
 Acq On : 07 Jun 2022 16:05
 Operator : KP/MD
 Sample : N3189-04RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220428-AMENDED-COMPOSITE-HRE

Quant Time: Jun 08 07:58:03 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)

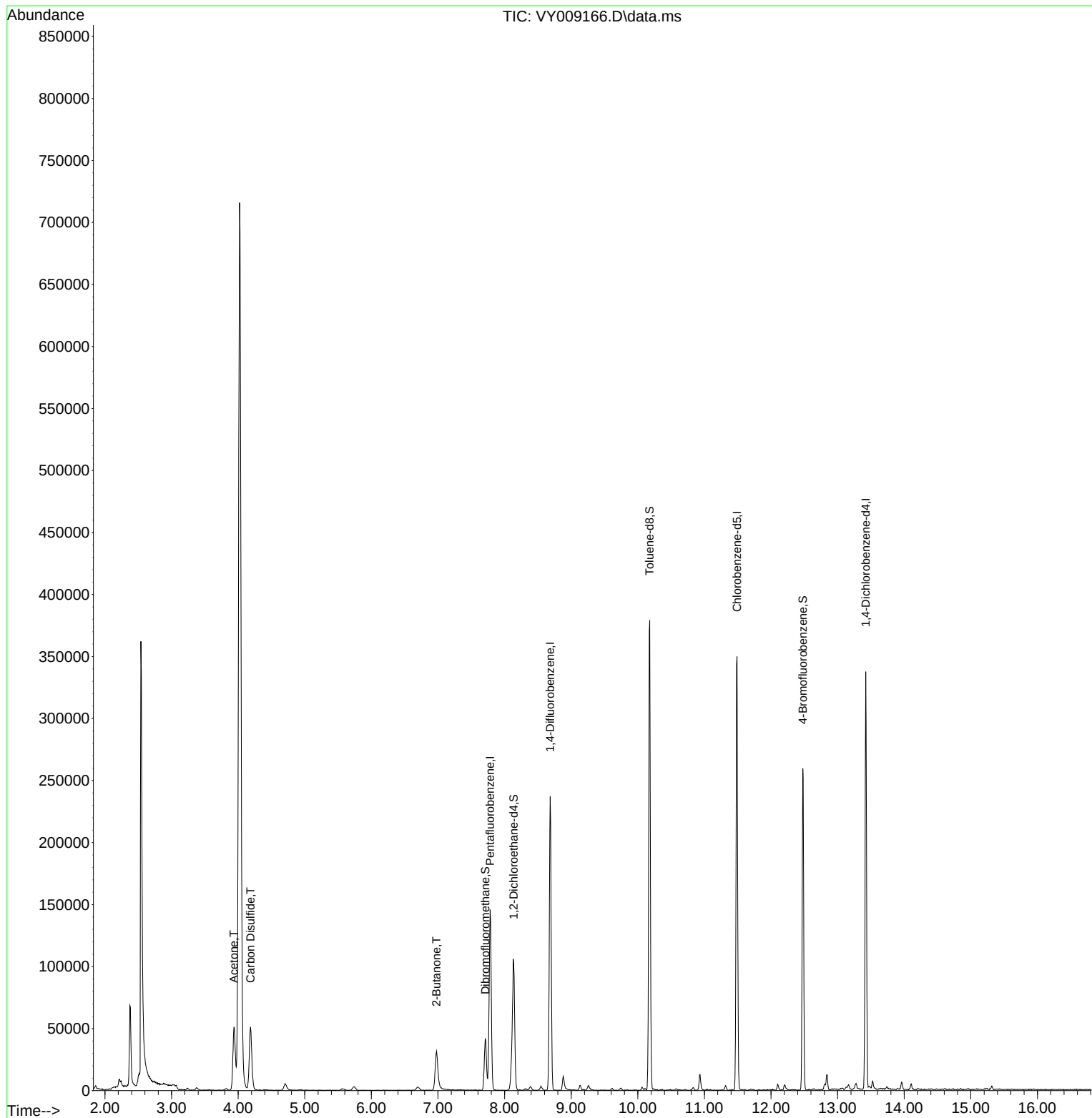
Internal Standards						
1) Pentafluorobenzene	7.783	168	109855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	197506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68354	60.458	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.920%		
35) Dibromofluoromethane	7.710	113	27653	22.516	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 45.040%#		
50) Toluene-d8	10.179	98	243022	53.636	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.280%		
62) 4-Bromofluorobenzene	12.477	95	68721	37.599	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 75.200%		
Target Compounds						
						Qvalue
16) Acetone	3.936	43	87608	372.255	ug/l	95
17) Carbon Disulfide	4.186	76	97968	29.022	ug/l	98
25) 2-Butanone	6.978	43	21903	52.106	ug/l #	81

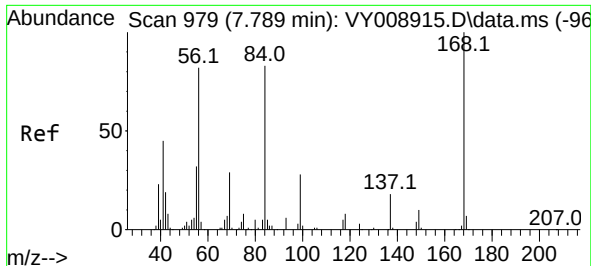
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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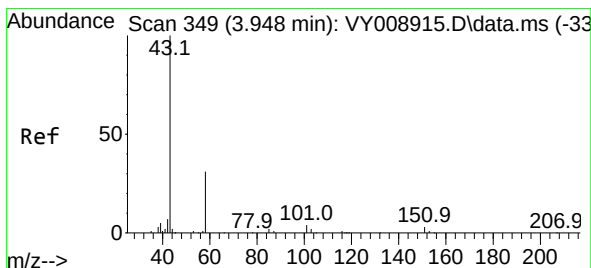
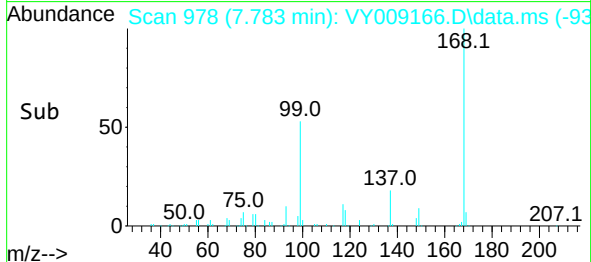
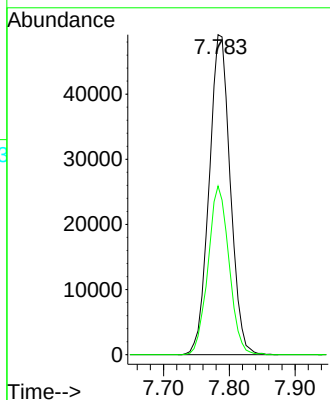
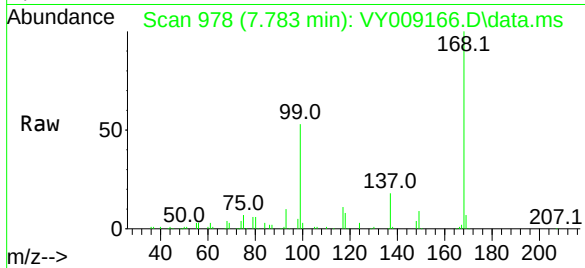




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

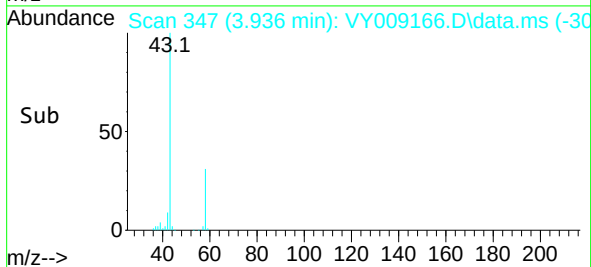
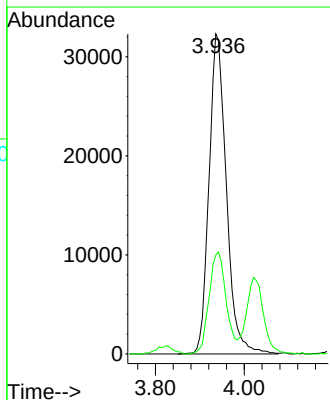
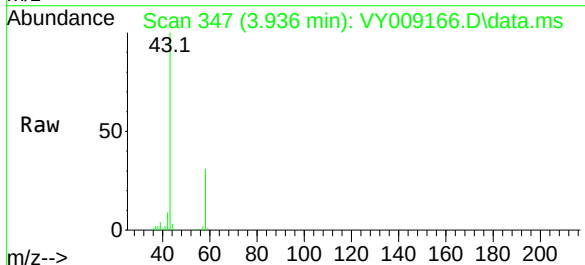
Instrument :
MSVOA_Y
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20220428-AMENDED-COMPOSITE-HRE

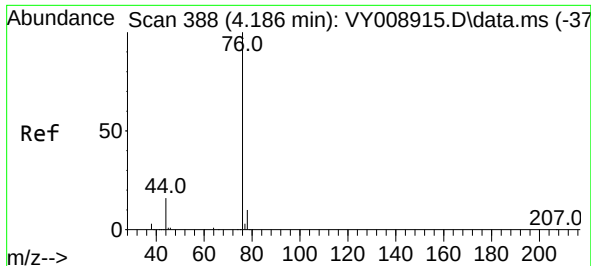
Tgt Ion:168 Resp: 109855
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#16
Acetone
Concen: 372.255 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

Tgt Ion: 43 Resp: 87608
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0

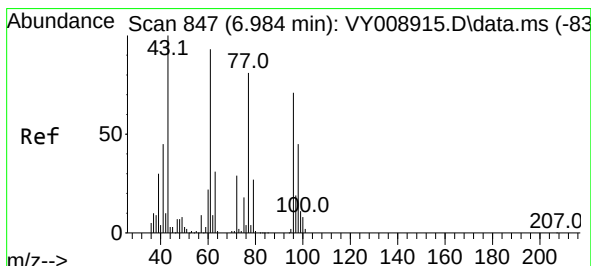
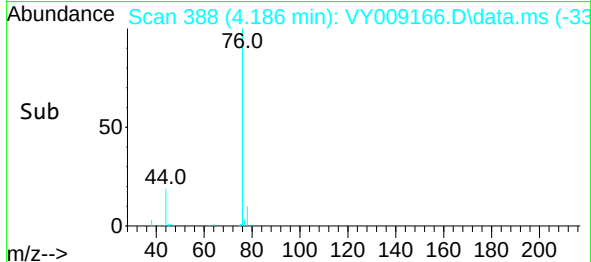
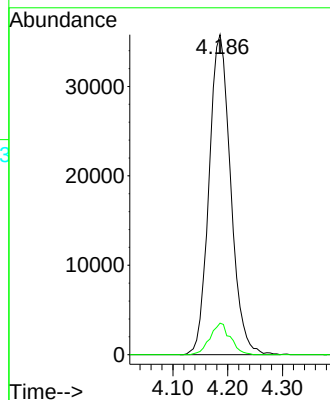
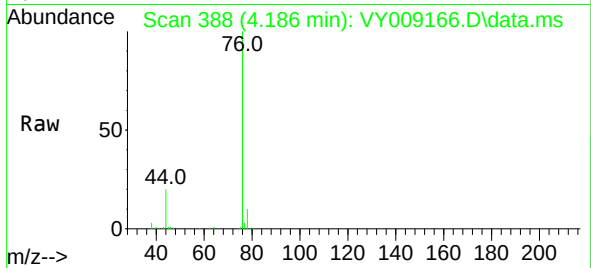




#17
Carbon Disulfide
Concen: 29.022 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

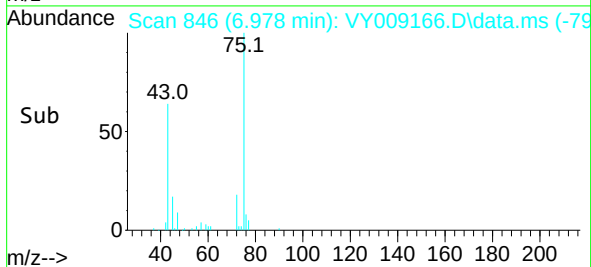
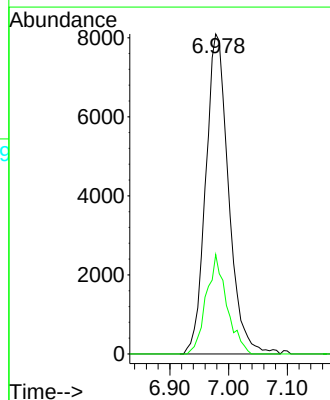
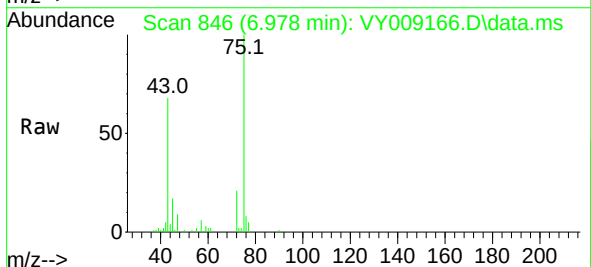
Instrument : MSVOA_Y
ClientSampleId : 20220428-AMENDED-COMPOSITE-HRE

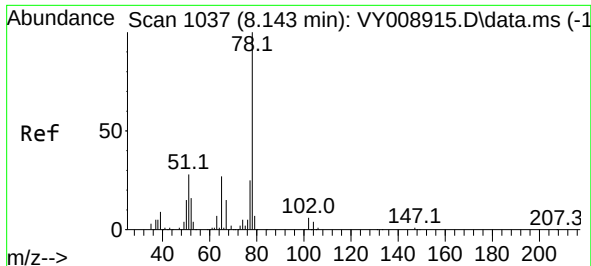
Tgt Ion: 76 Resp: 97968
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#25
2-Butanone
Concen: 52.106 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

Tgt Ion: 43 Resp: 21903
Ion Ratio Lower Upper
43 100
72 31.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 60.458 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009166.D

Acq: 07 Jun 2022 16:05

Instrument :

MSVOA_Y

ClientSampleId :

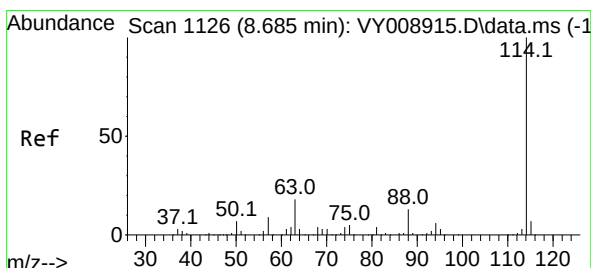
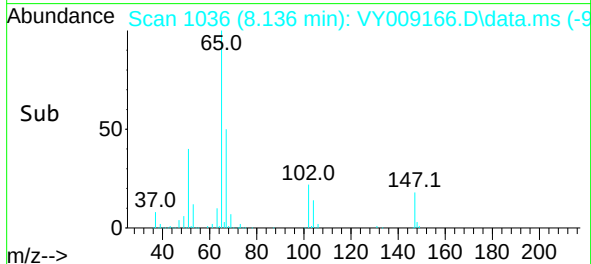
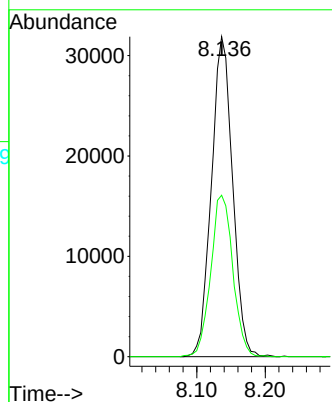
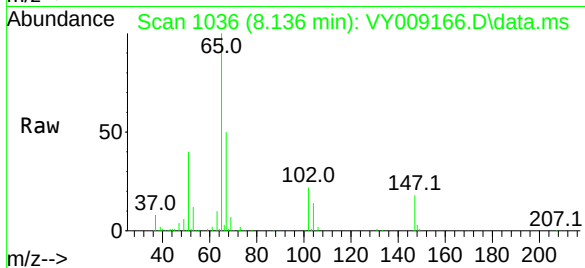
20220428-AMENDED-COMPOSITE-HRE

Tgt Ion: 65 Resp: 68354

Ion Ratio Lower Upper

65 100

67 52.7 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: VY009166.D

Acq: 07 Jun 2022 16:05

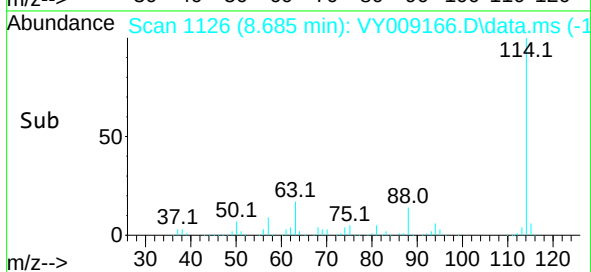
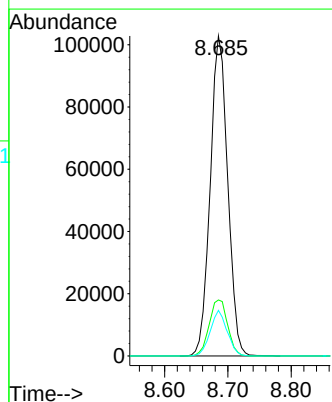
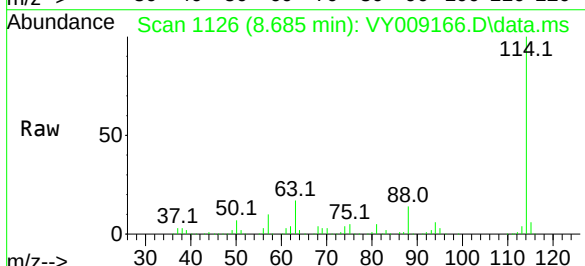
Tgt Ion: 114 Resp: 197506

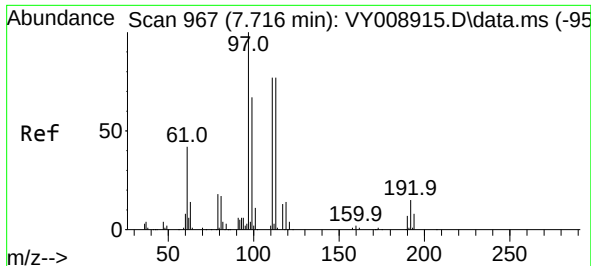
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.2 0.0 31.8

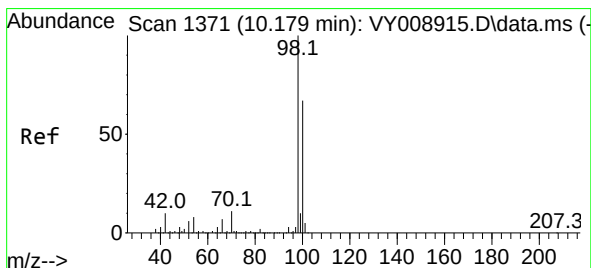
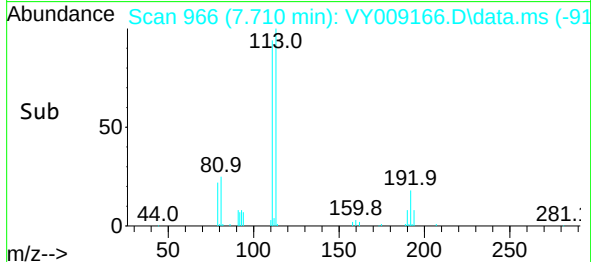
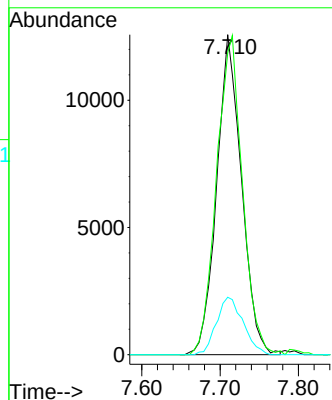
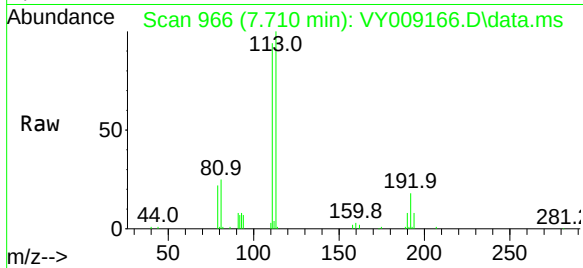




#35
Dibromofluoromethane
Concen: 22.516 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

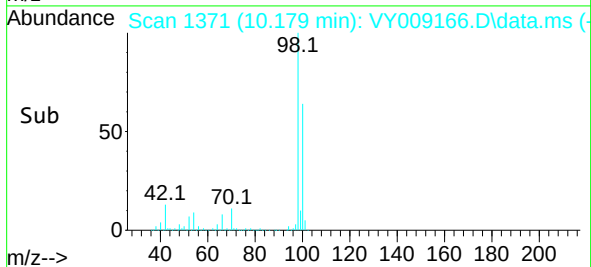
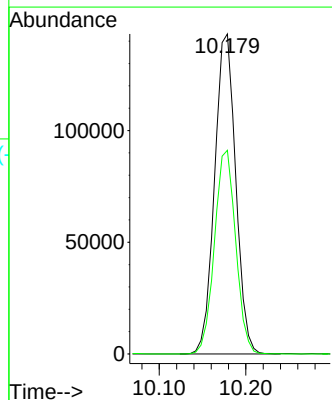
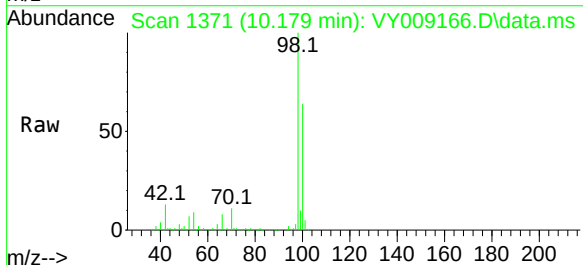
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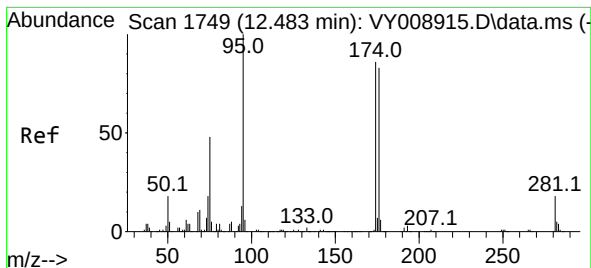
Tgt Ion:113 Resp: 27653
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 53.636 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

Tgt Ion: 98 Resp: 243022
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

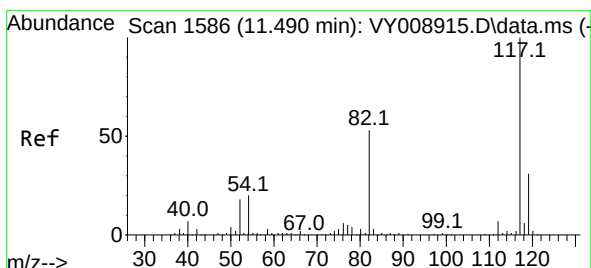
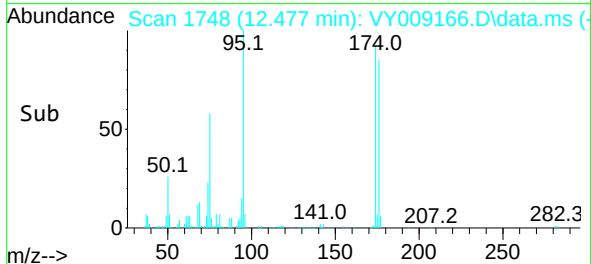
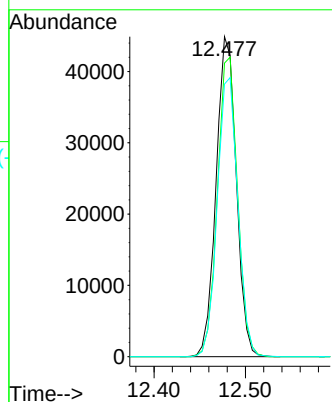
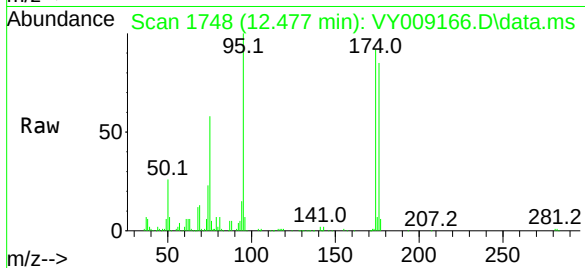




#62
4-Bromofluorobenzene
Concen: 37.599 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

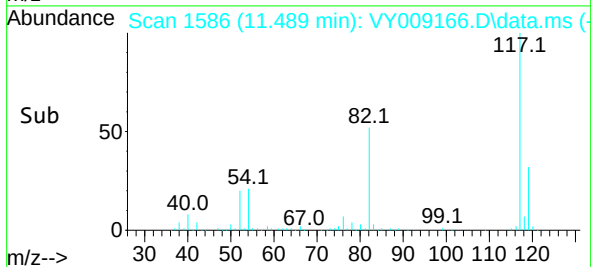
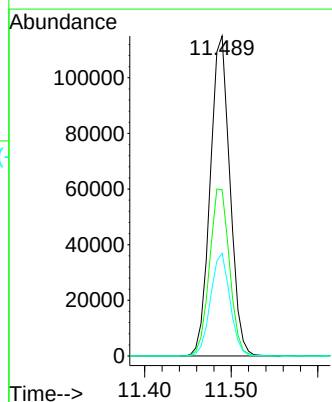
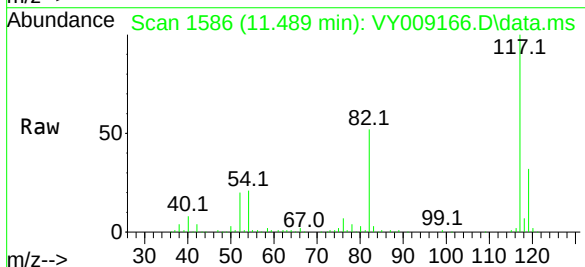
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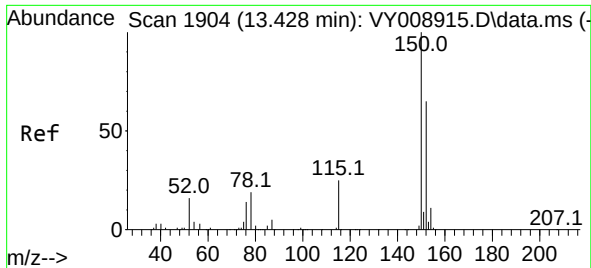
Tgt Ion: 95 Resp: 68721
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 89.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009166.D
Acq: 07 Jun 2022 16:05

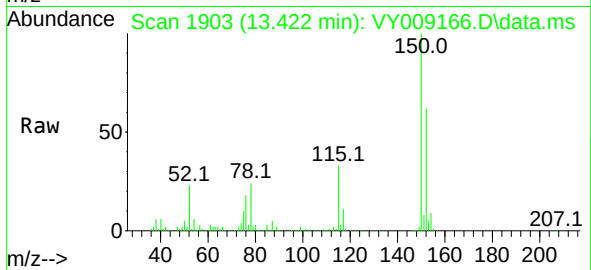
Tgt Ion: 117 Resp: 181976
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009166.D
 Acq: 07 Jun 2022 16:05

Instrument : MSVOA_Y
 ClientSampleId : 20220428-AMENDED-COMPOSITE-HRE



Tgt Ion:152 Resp: 79801
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 155.6 0.0 347.6

