

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009541.D
 Acq On : 12 Jul 2022 18:36
 Operator : KP/MD
 Sample : N3662-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220495B-SIM/C1B-COMPOSITE

Quant Time: Jul 13 01:16:43 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)

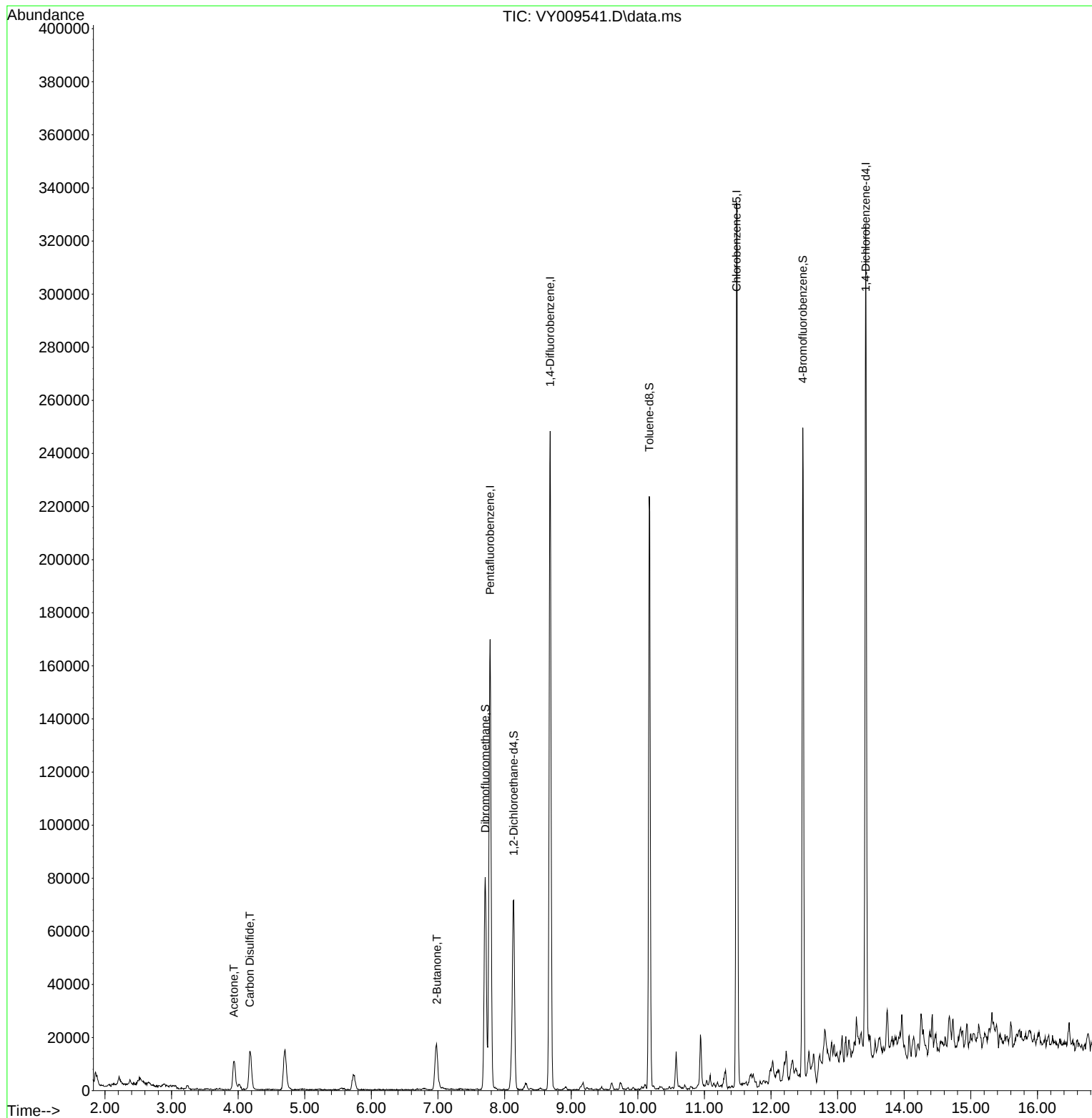
Internal Standards						
1) Pentafluorobenzene	7.783	168	134030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	180491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51716	55.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.980%
35) Dibromofluoromethane	7.710	113	53938	48.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.173	98	141982	46.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.477	95	69112	44.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	88.300%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	19901	61.037	ug/l	98
17) Carbon Disulfide	4.174	76	28775	11.620	ug/l	97
25) 2-Butanone	6.984	43	8166	15.482	ug/l	92

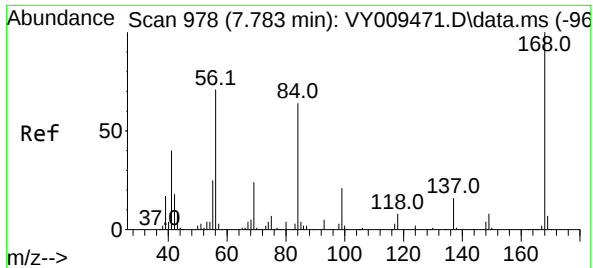
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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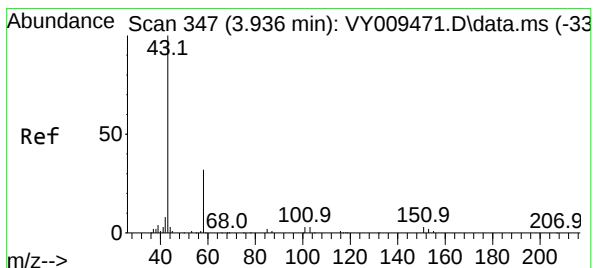
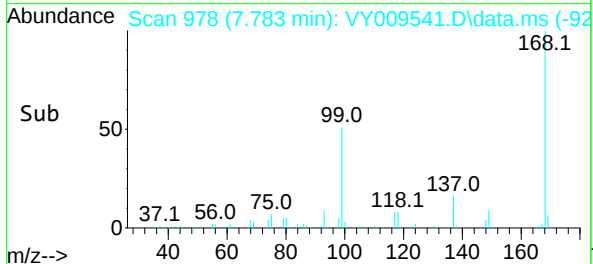
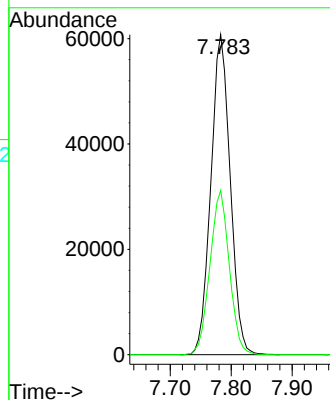
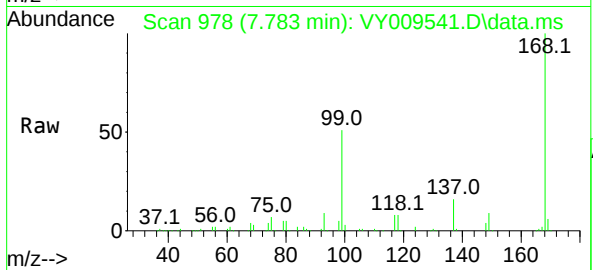




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

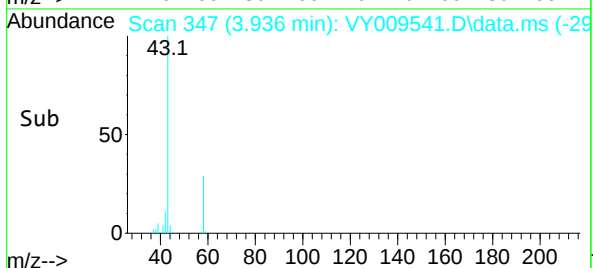
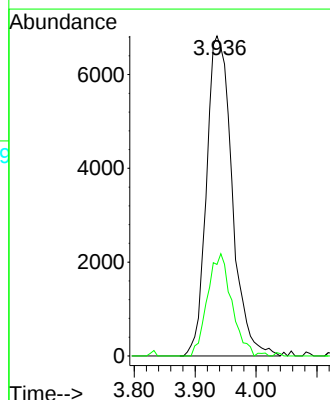
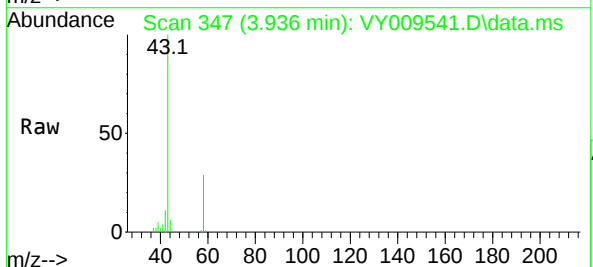
Instrument :
MSVOA_Y
ClientSampleId :
20220495B-SIM/C1B-COMPOSITE

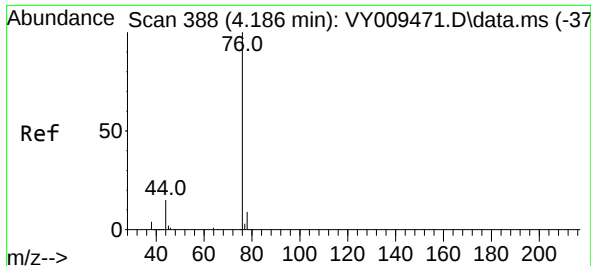
Tgt Ion:168 Resp: 134030
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#16
Acetone
Concen: 61.037 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

Tgt Ion: 43 Resp: 19901
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0

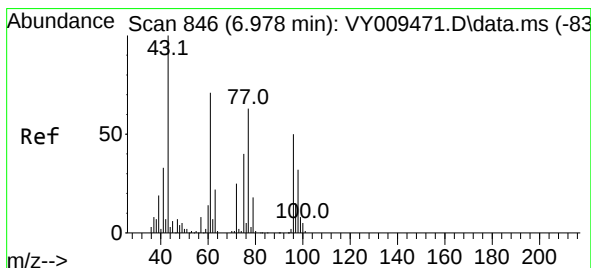
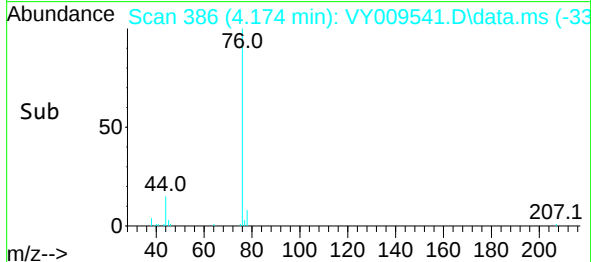
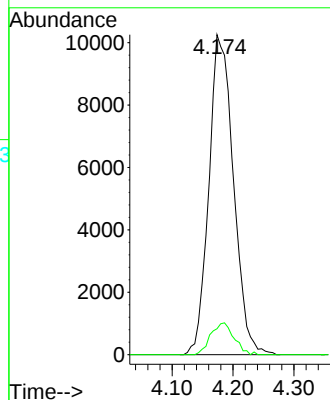
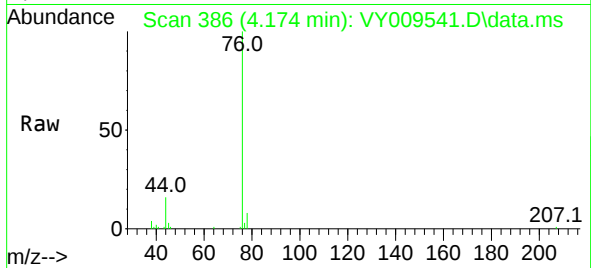




#17
Carbon Disulfide
Concen: 11.620 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

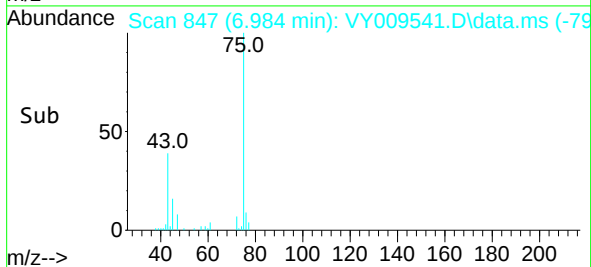
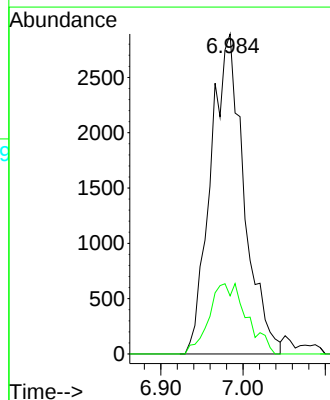
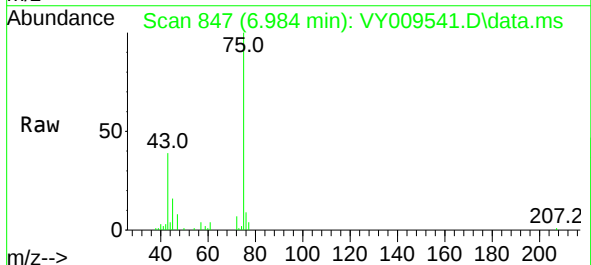
Instrument :
MSVOA_Y
ClientSampleId :
20220495B-SIM/C1B-COMPOSITE

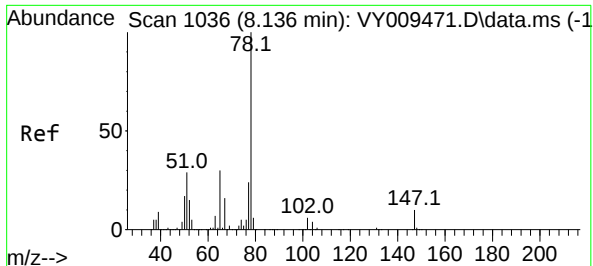
Tgt Ion: 76 Resp: 28775
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#25
2-Butanone
Concen: 15.482 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

Tgt Ion: 43 Resp: 8166
Ion Ratio Lower Upper
43 100
72 18.1 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 55.487 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009541.D

Acq: 12 Jul 2022 18:36

Instrument :

MSVOA_Y

ClientSampleId :

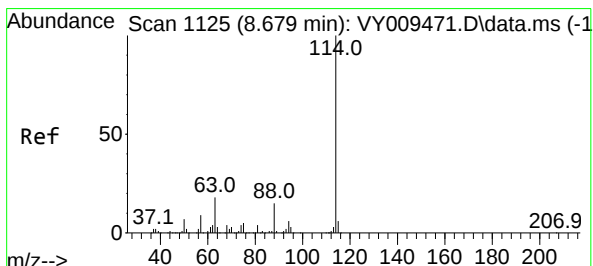
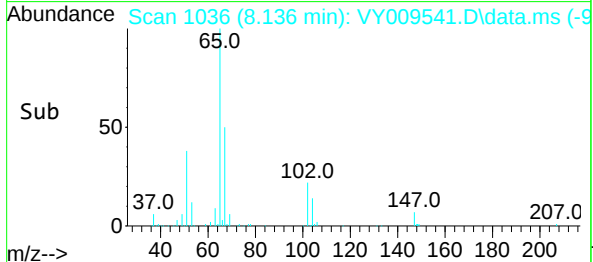
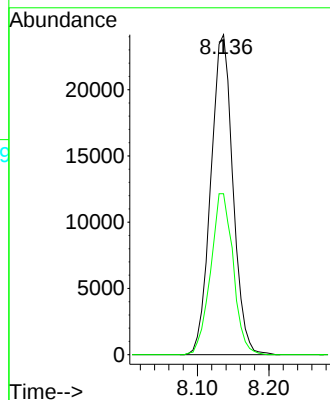
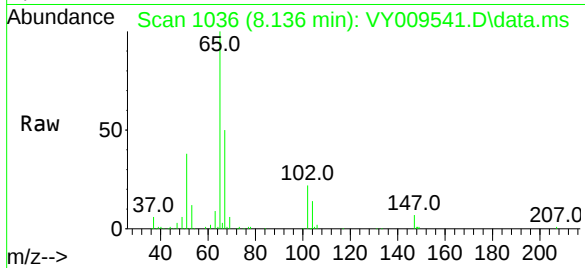
20220495B-SIM/C1B-COMPOSITE

Tgt Ion: 65 Resp: 51716

Ion Ratio Lower Upper

65 100

67 51.5 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: VY009541.D

Acq: 12 Jul 2022 18:36

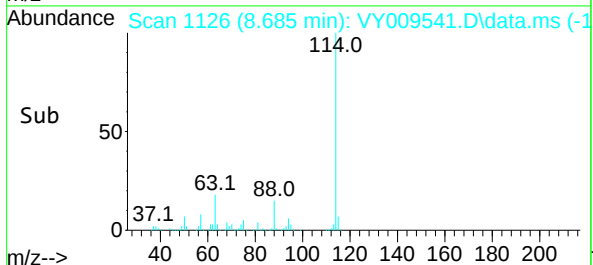
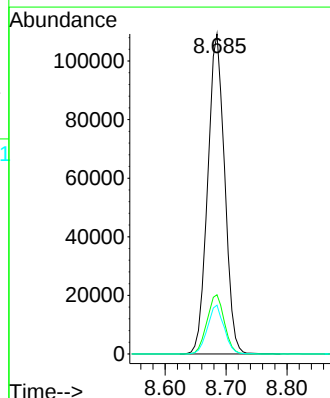
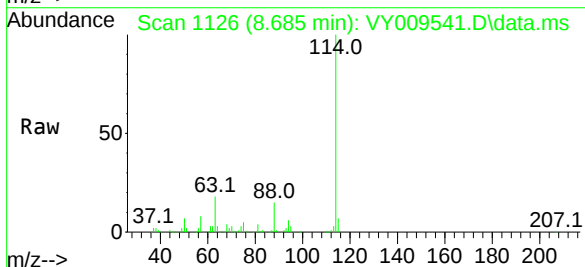
Tgt Ion: 114 Resp: 210738

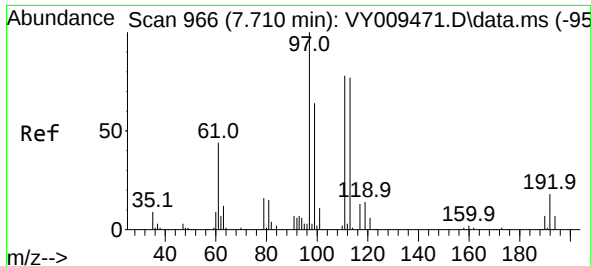
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.2 0.0 31.8

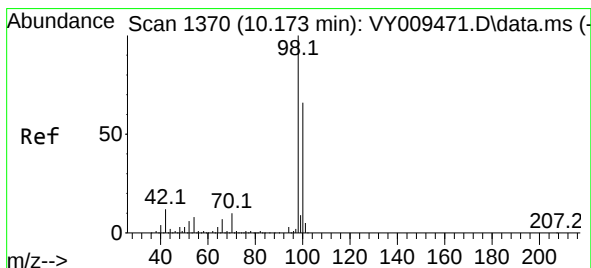
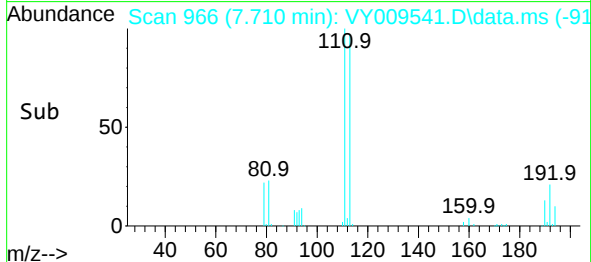
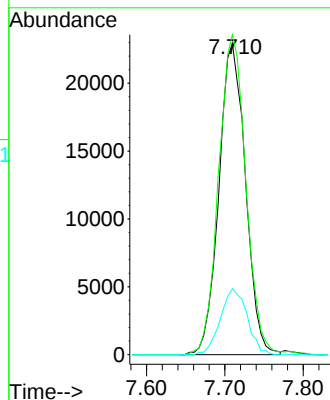
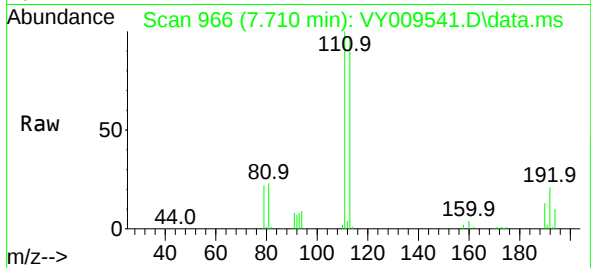




#35
Dibromofluoromethane
Concen: 48.644 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

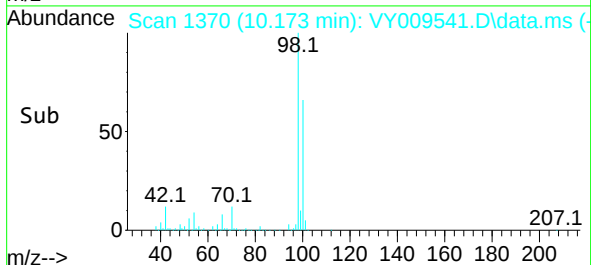
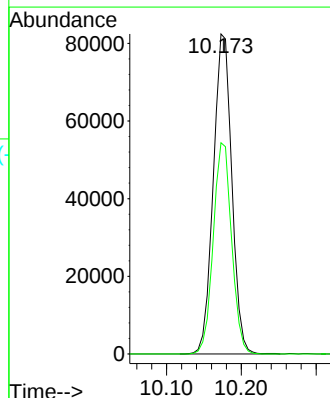
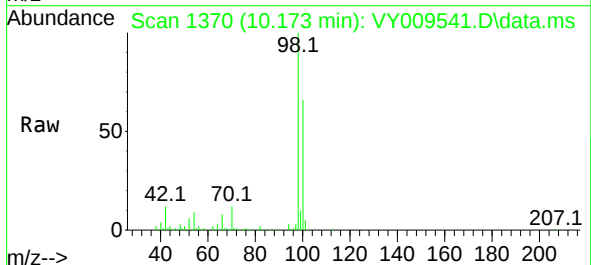
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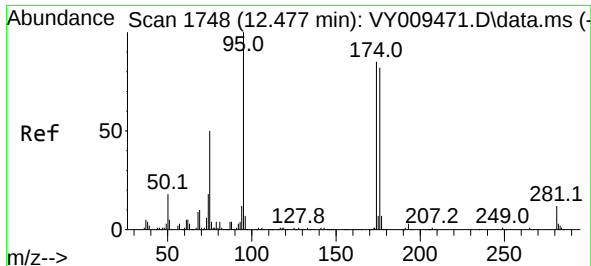
Tgt Ion:113 Resp: 53938
Ion Ratio Lower Upper
113 100
111 105.6 82.6 124.0
192 21.4 17.6 26.4



#50
Toluene-d8
Concen: 46.062 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

Tgt Ion: 98 Resp: 141982
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

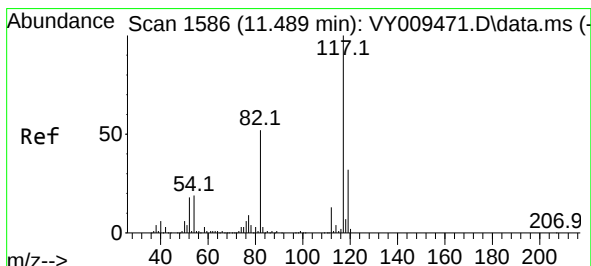
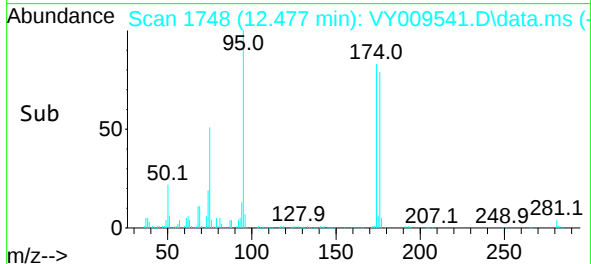
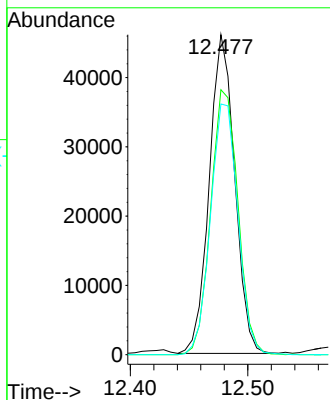
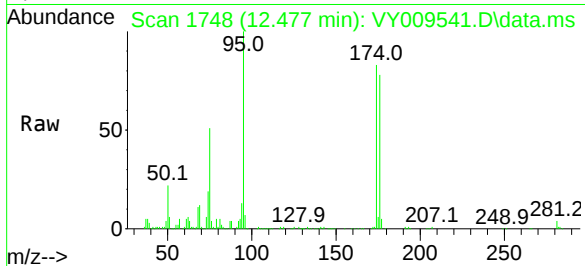




#62
4-Bromofluorobenzene
Concen: 44.155 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

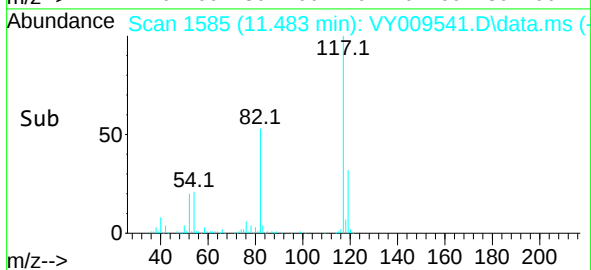
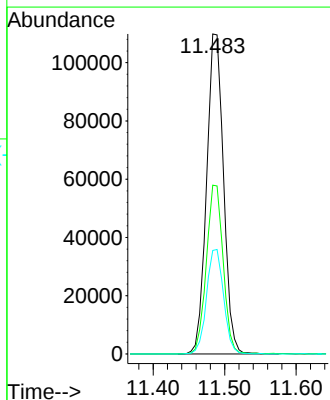
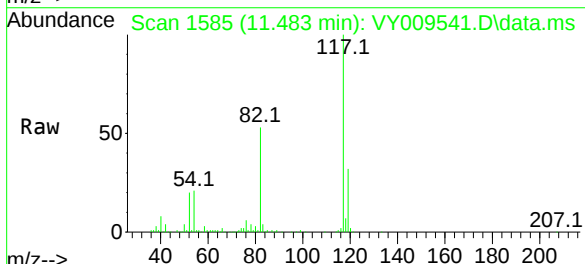
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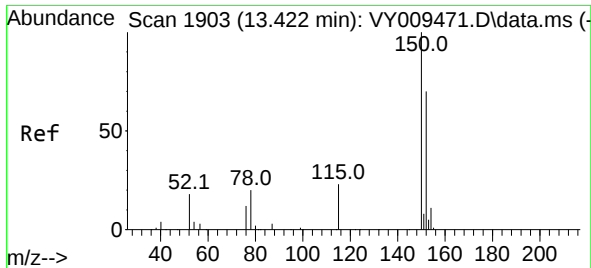
Tgt Ion: 95 Resp: 69112
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 85.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009541.D
Acq: 12 Jul 2022 18:36

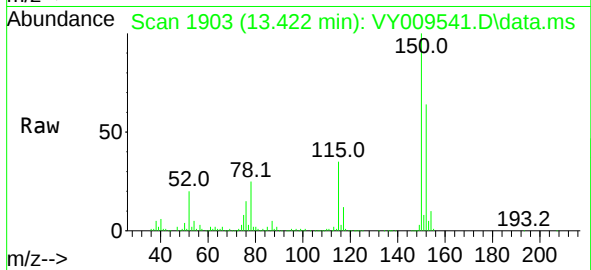
Tgt Ion: 117 Resp: 180491
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009541.D
 Acq: 12 Jul 2022 18:36

Instrument : MSVOA_Y
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Tgt Ion:	152	Resp:	79811
Ion Ratio	Lower	Upper	
152	100		
115	53.9	28.2	84.7
150	153.0	0.0	347.6

