

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009543.D
 Acq On : 12 Jul 2022 19:21
 Operator : KP/MD
 Sample : N3662-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220497B-SIM/C3B-COMPOSITE

Quant Time: Jul 13 01:17:00 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)

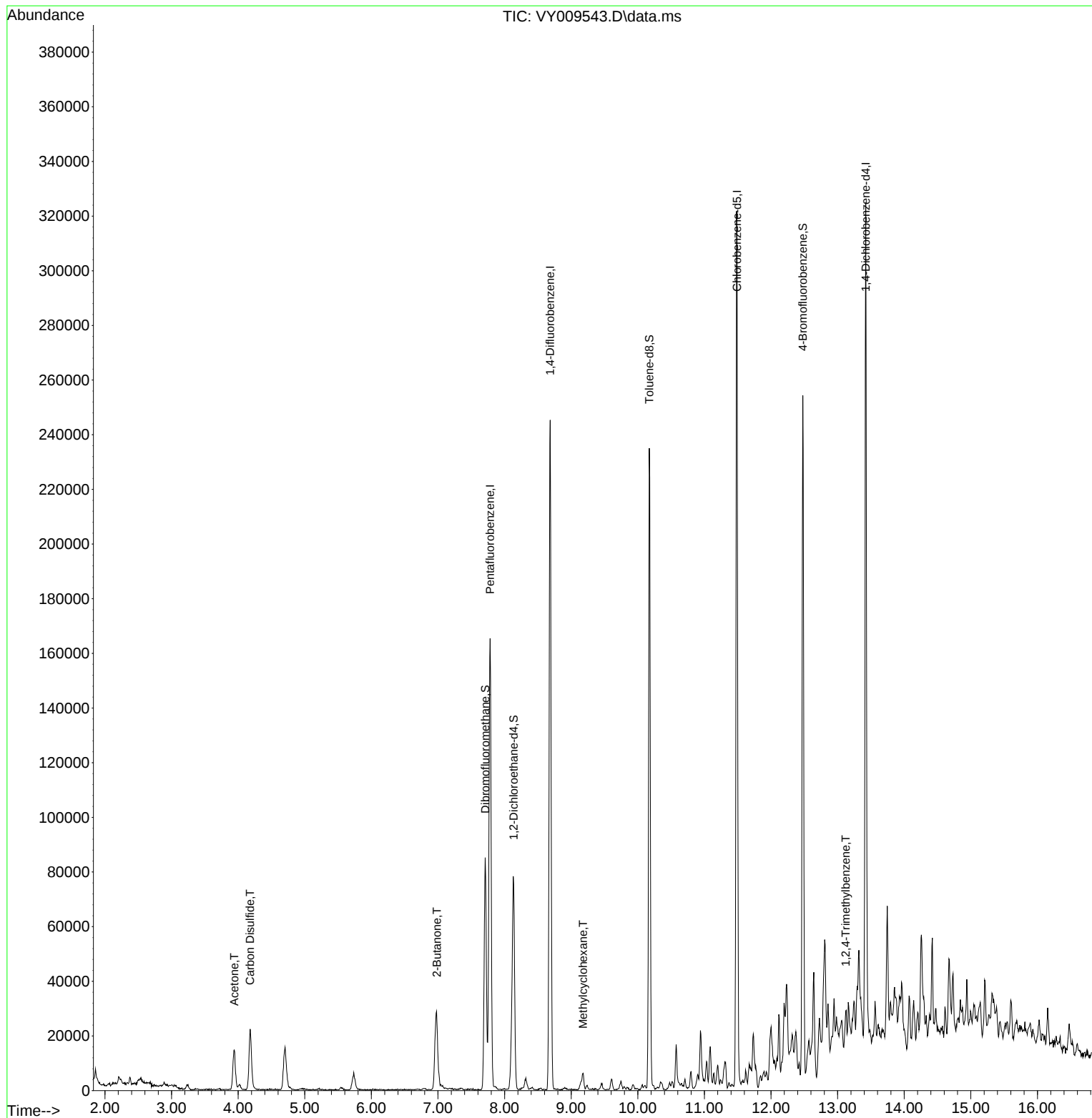
Internal Standards						
1) Pentafluorobenzene	7.783	168	133895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	211757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53496	57.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.710	113	57508	51.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.173	98	145368	47.117	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.477	95	68610	43.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	87.240%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	24946	76.587	ug/l	96
17) Carbon Disulfide	4.180	76	40583	14.585	ug/l	95
25) 2-Butanone	6.984	43	8559	16.244	ug/l #	90
39) Methylcyclohexane	9.179	83	2389	1.097	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	4762	1.114	ug/l	97

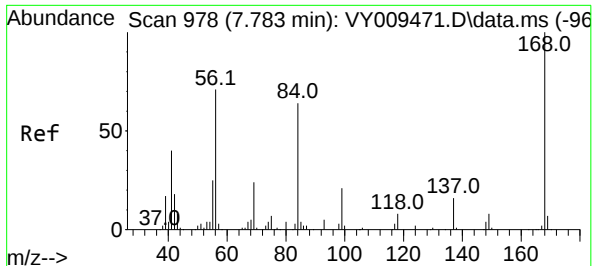
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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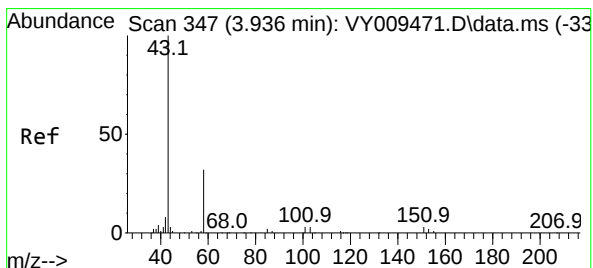
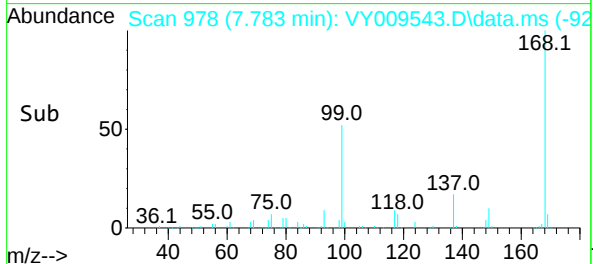
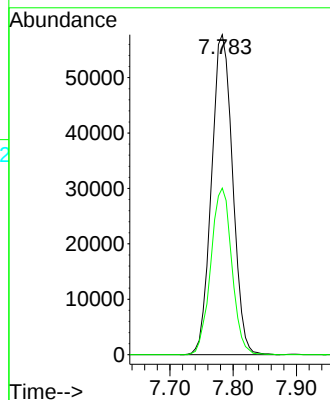
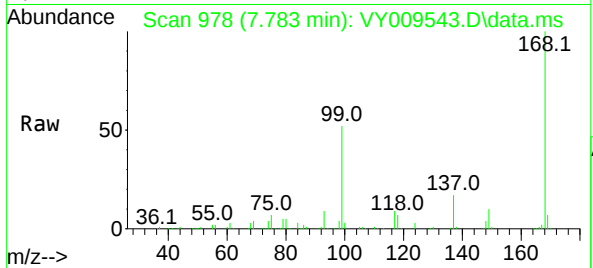




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

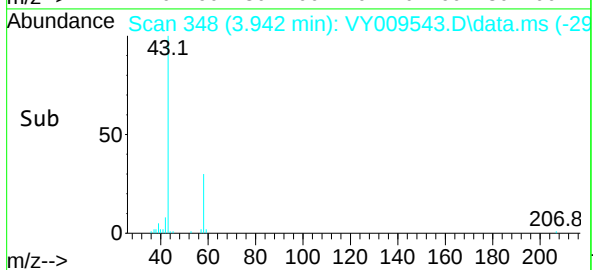
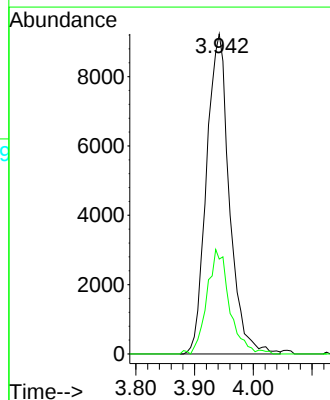
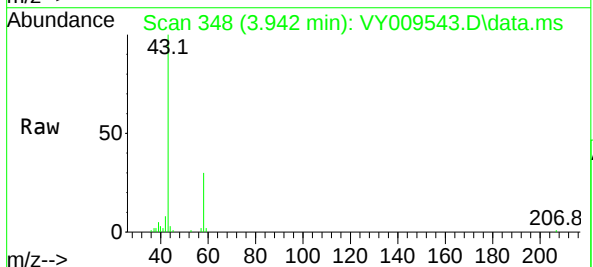
Instrument :
MSVOA_Y
ClientSampleId :
20220497B-SIM/C3B-COMPOSITE

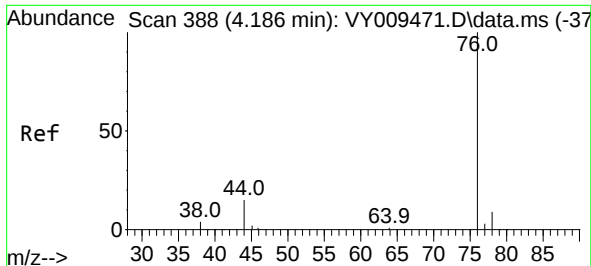
Tgt Ion:168 Resp: 133895
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#16
Acetone
Concen: 76.587 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

Tgt Ion: 43 Resp: 24946
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0

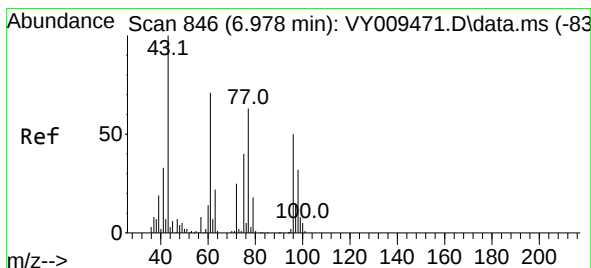
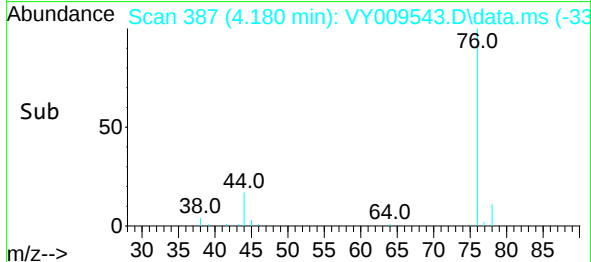
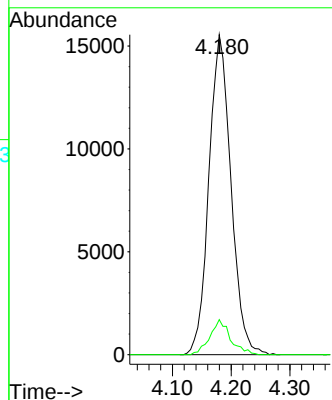
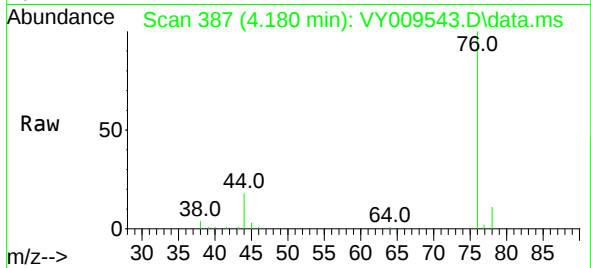




#17
Carbon Disulfide
Concen: 14.585 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

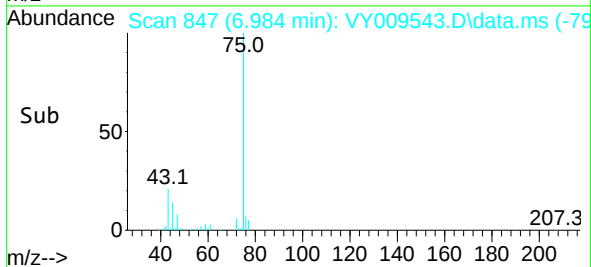
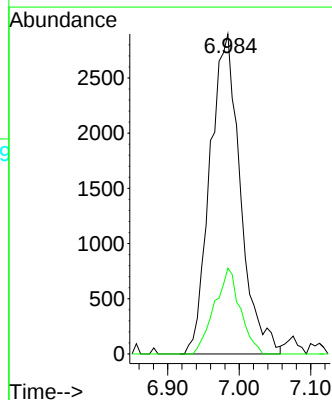
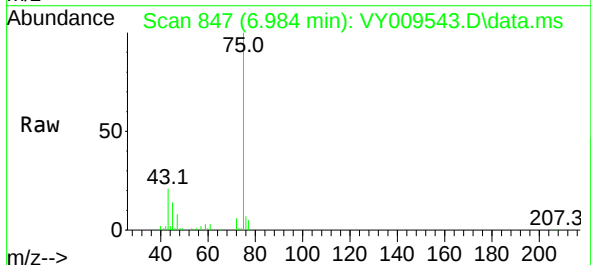
Instrument :
MSVOA_Y
ClientSampleId :
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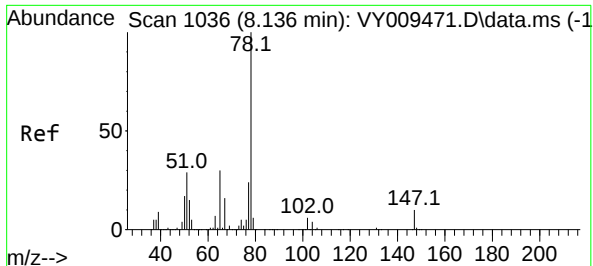
Tgt Ion: 76 Resp: 40583
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#25
2-Butanone
Concen: 16.244 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

Tgt Ion: 43 Resp: 8559
Ion Ratio Lower Upper
43 100
72 26.8 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 57.719 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009543.D

Acq: 12 Jul 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

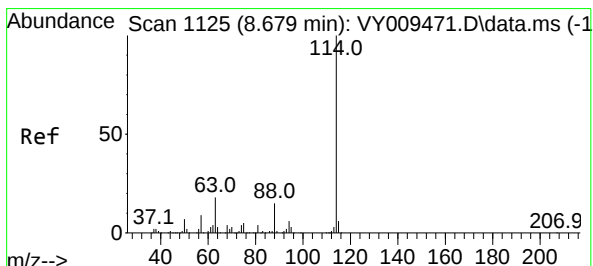
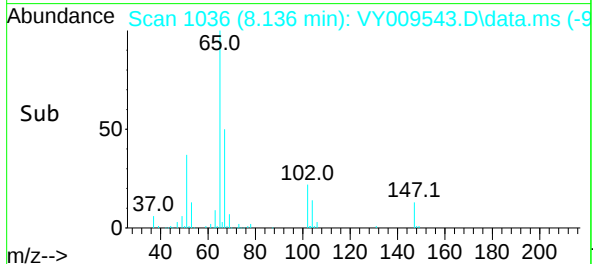
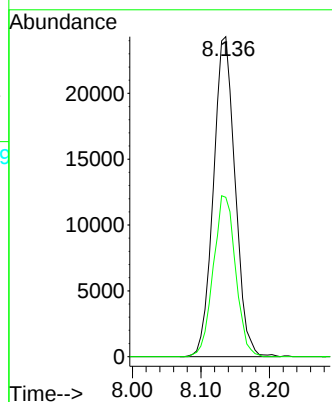
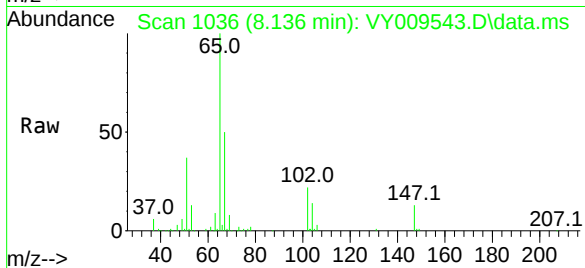
20220497B-SIM/C3B-COMPOSITE

Tgt Ion: 65 Resp: 53496

Ion Ratio Lower Upper

65 100

67 51.6 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: VY009543.D

Acq: 12 Jul 2022 19:21

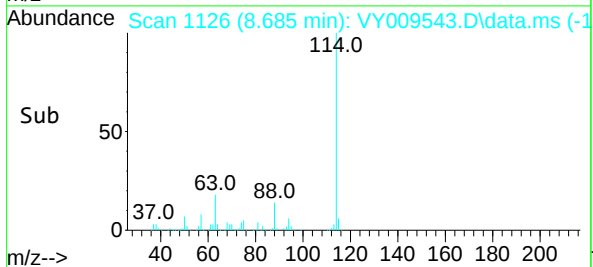
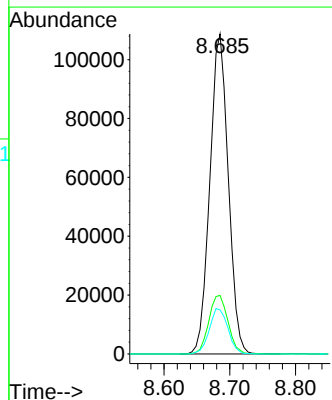
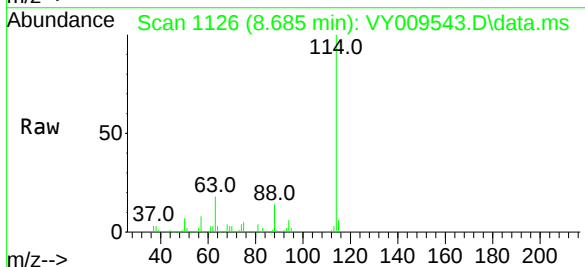
Tgt Ion: 114 Resp: 211757

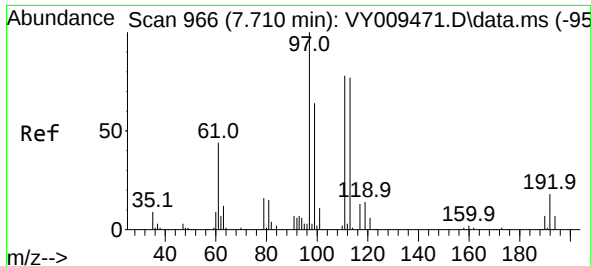
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.8 0.0 31.8

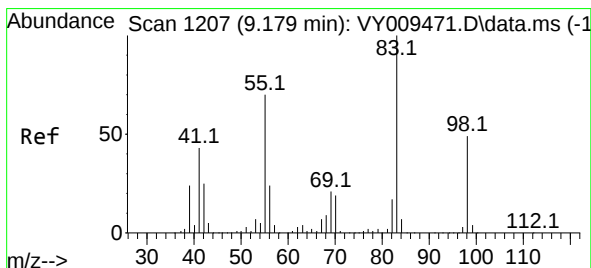
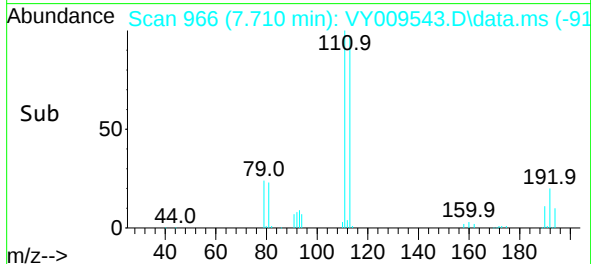
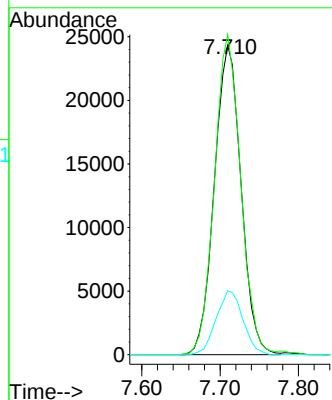
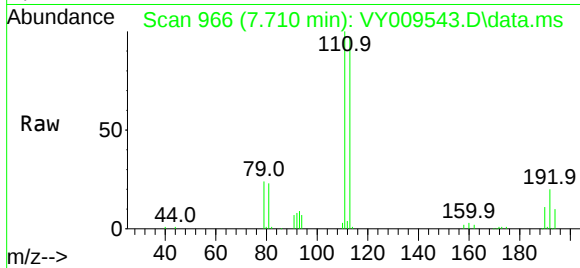




#35
Dibromofluoromethane
Concen: 51.614 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

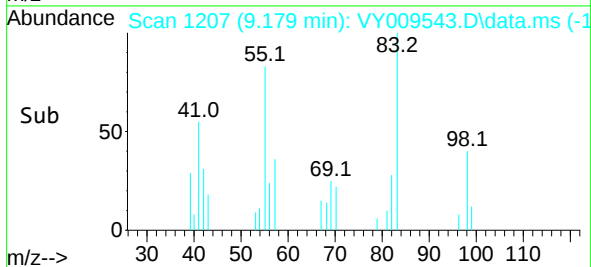
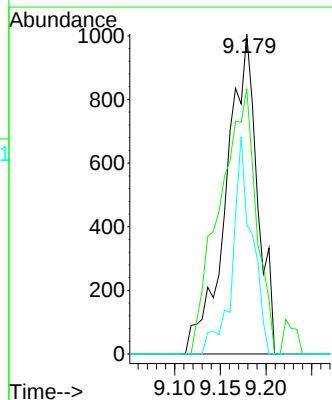
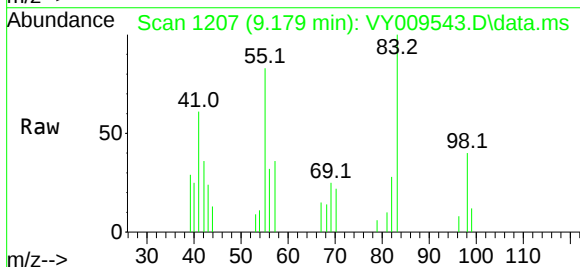
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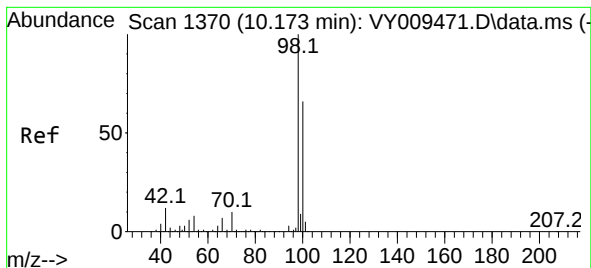
Tgt Ion:113 Resp: 57508
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.7 17.6 26.4



#39
Methylcyclohexane
Concen: 1.097 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

Tgt Ion: 83 Resp: 2389
Ion Ratio Lower Upper
83 100
55 82.7 66.5 99.7
98 40.5 37.9 56.9

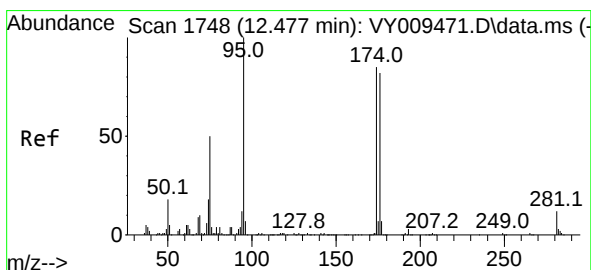
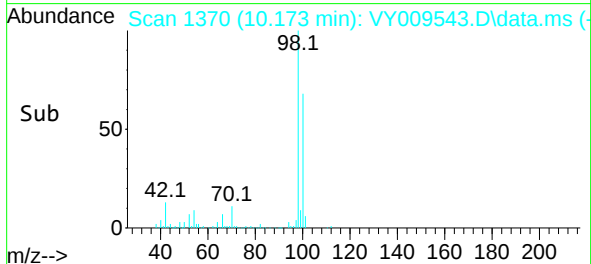
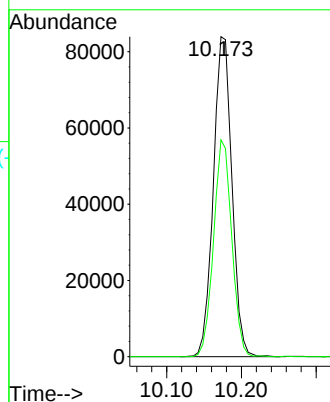
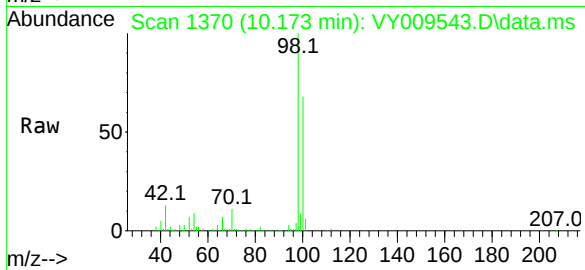




#50
Toluene-d8
Concen: 47.117 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

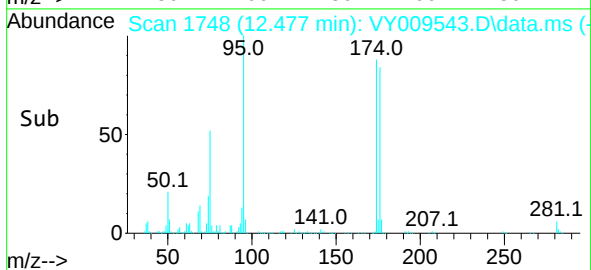
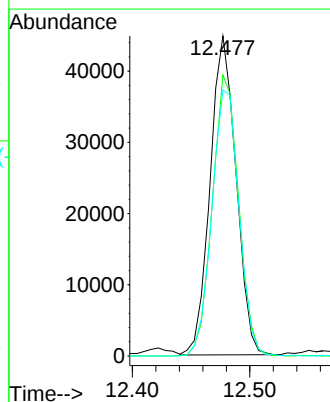
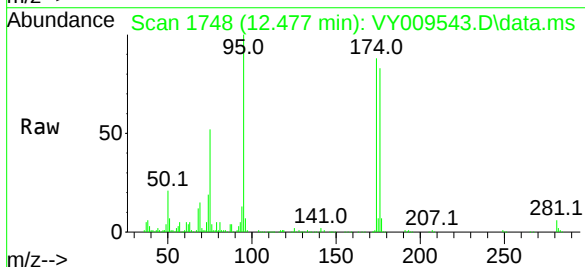
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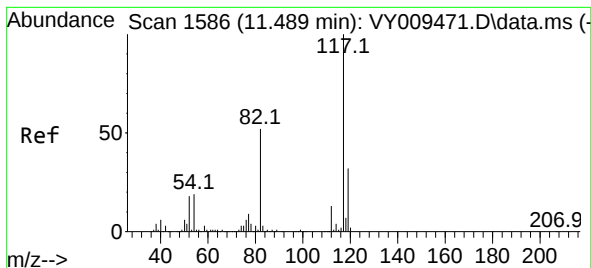
Tgt Ion: 98 Resp: 145368
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.623 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

Tgt Ion: 95 Resp: 68610
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 87.4 0.0 175.8

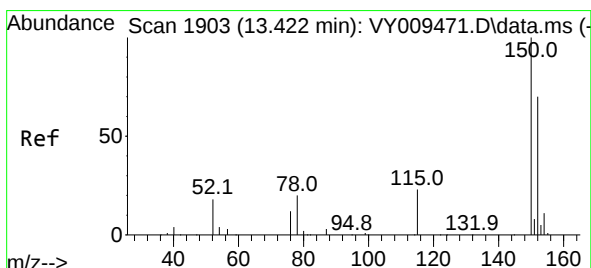
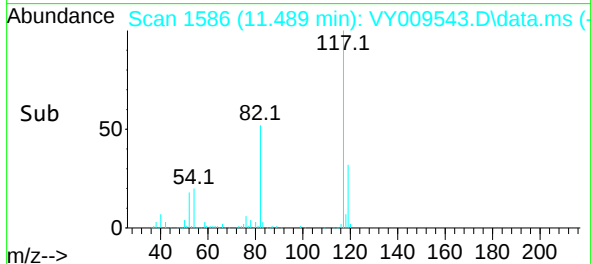
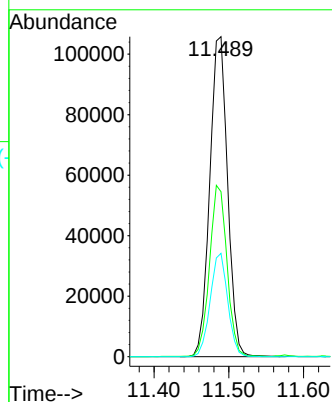
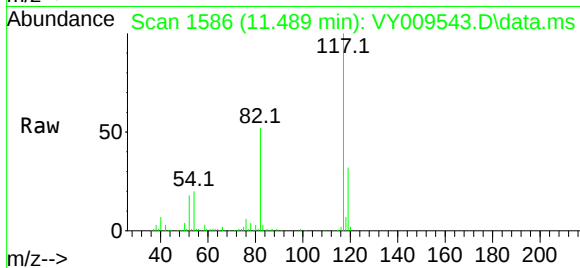




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

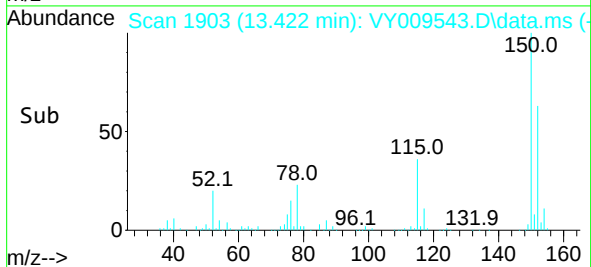
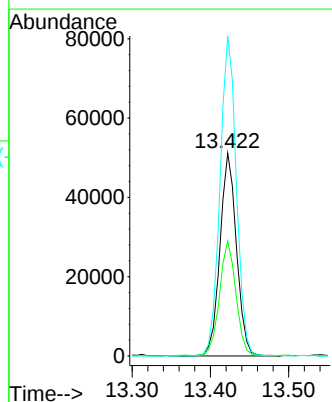
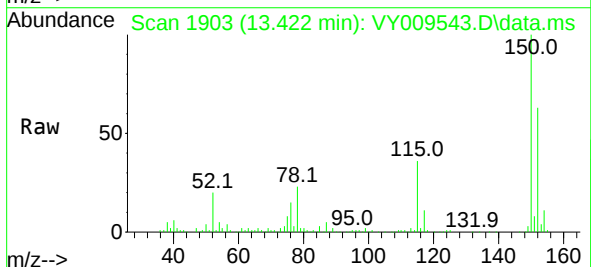
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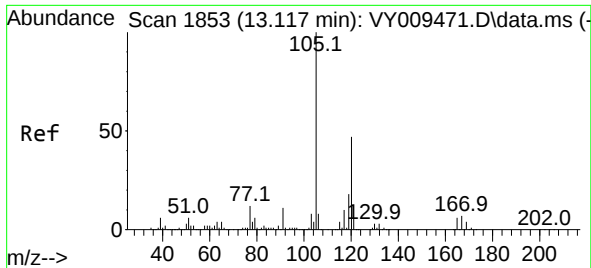
Tgt Ion:117 Resp: 175315
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009543.D
Acq: 12 Jul 2022 19:21

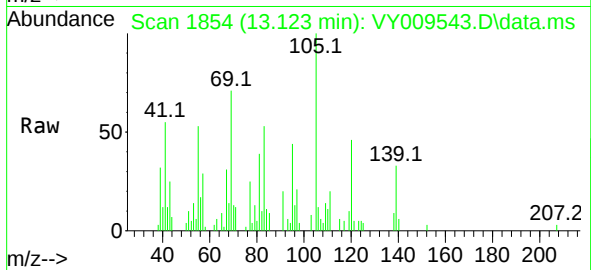
Tgt Ion:152 Resp: 75125
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.8 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.114 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY009543.D
 Acq: 12 Jul 2022 19:21

Instrument :
 MSVOA_Y
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Tgt Ion:105 Resp: 4762
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.3 66.9

