

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009544.D
 Acq On : 12 Jul 2022 19:44
 Operator : KP/MD
 Sample : N3662-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

Quant Time: Jul 13 01:17:09 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)

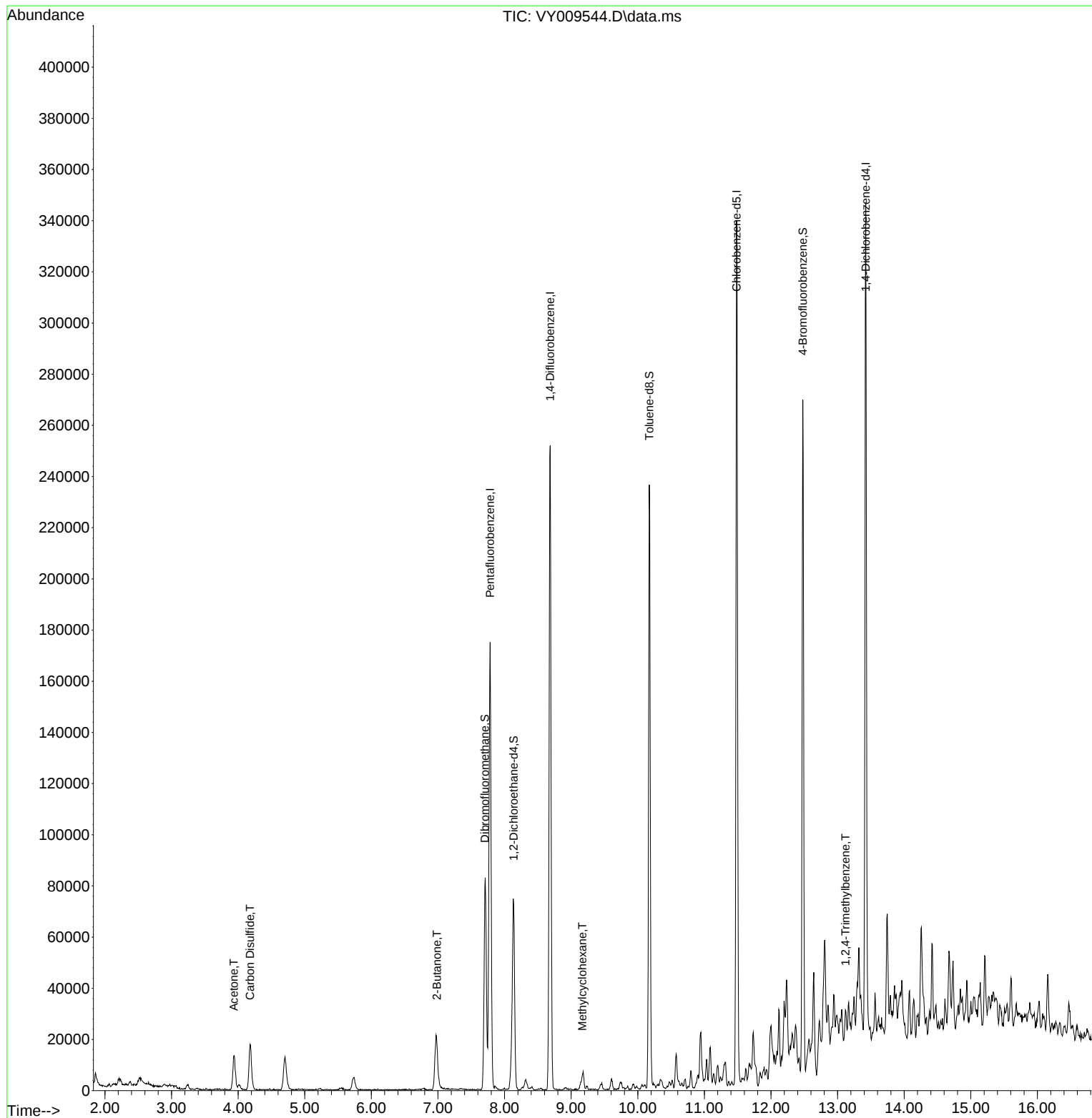
Internal Standards						
1) Pentafluorobenzene	7.783	168	135452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	184679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	52273	55.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.704	113	57645	50.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.173	98	146331	46.063	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.477	95	72477	44.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	89.860%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	22761	69.076	ug/l	96
17) Carbon Disulfide	4.180	76	34618	12.991	ug/l	97
25) 2-Butanone	6.984	43	8200	15.384	ug/l #	86
39) Methylcyclohexane	9.167	83	2836	1.270	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.117	105	4860	1.006	ug/l	98

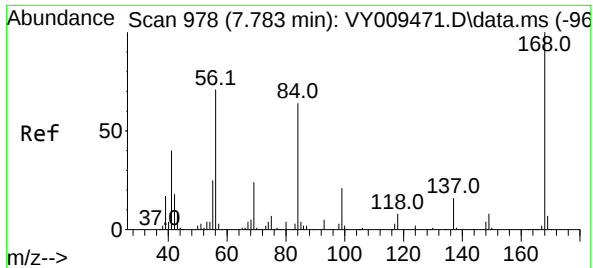
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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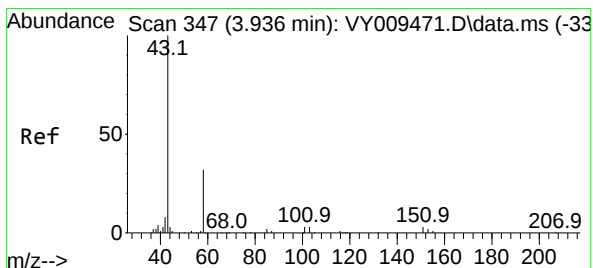
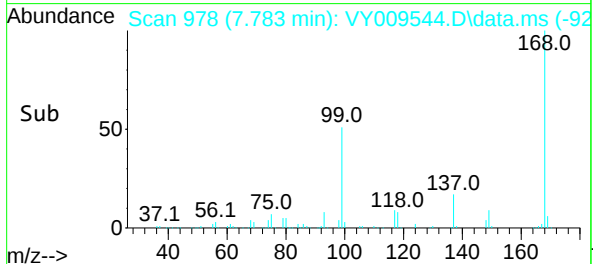
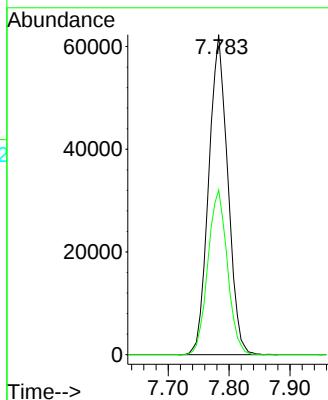
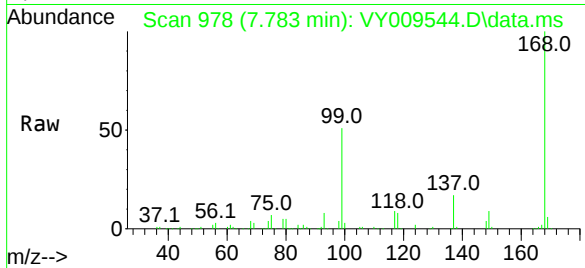




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

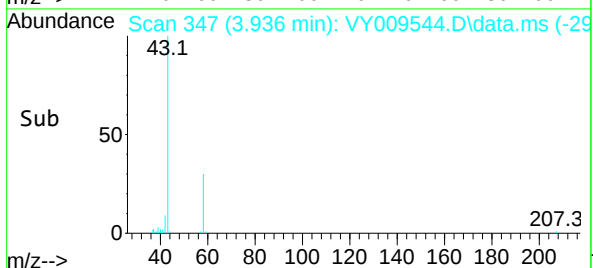
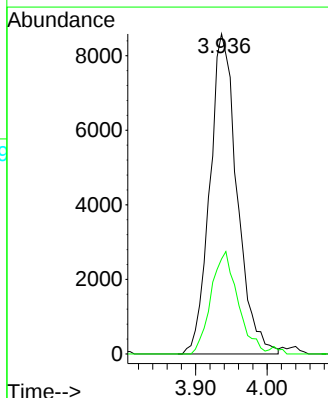
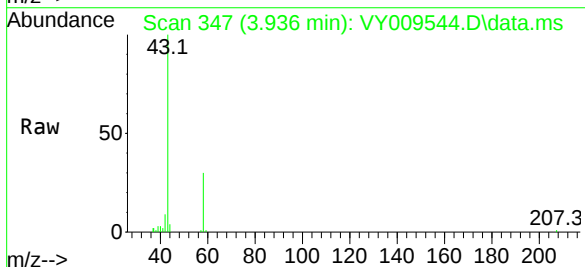
Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

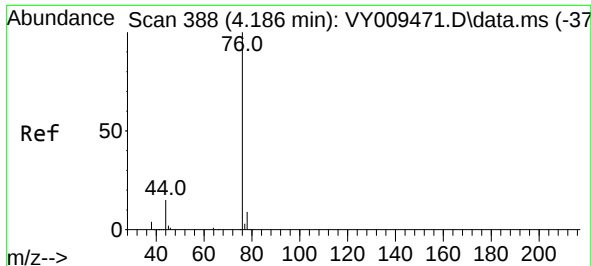
Tgt Ion:168 Resp: 135452
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 69.076 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

Tgt Ion: 43 Resp: 22761
Ion Ratio Lower Upper
43 100
58 29.7 22.0 33.0

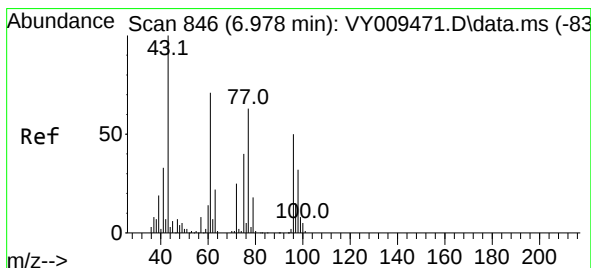
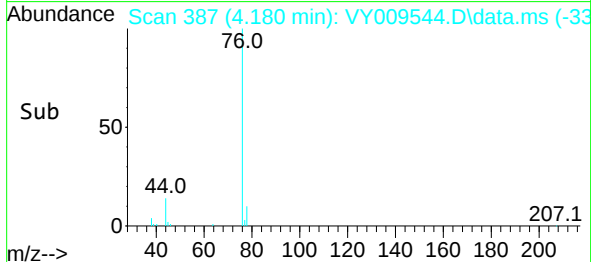
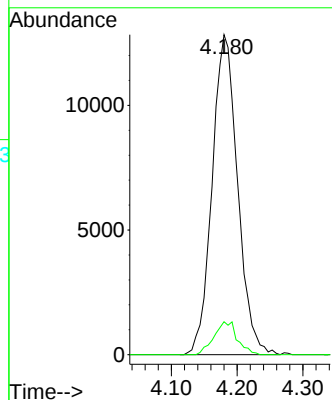
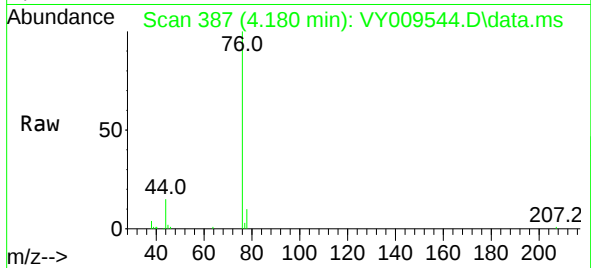




#17
Carbon Disulfide
Concen: 12.991 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

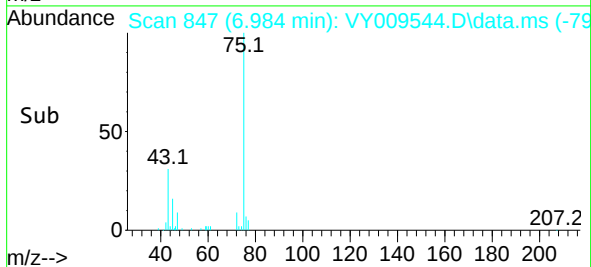
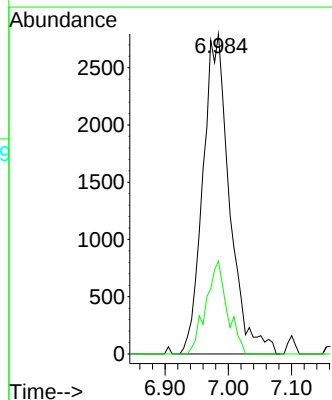
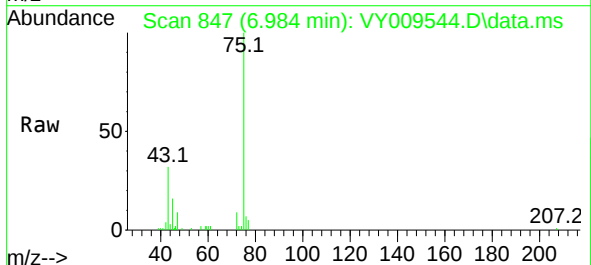
Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

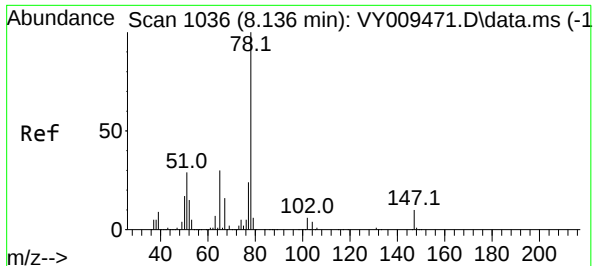
Tgt Ion: 76 Resp: 34618
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#25
2-Butanone
Concen: 15.384 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
72 29.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 55.497 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY009544.D

Acq: 12 Jul 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

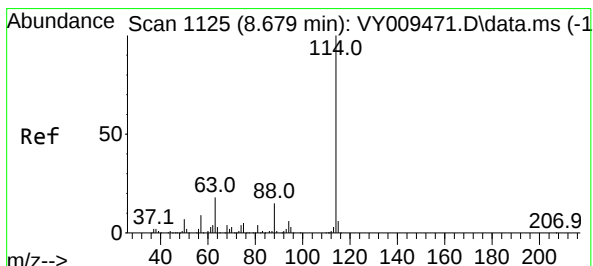
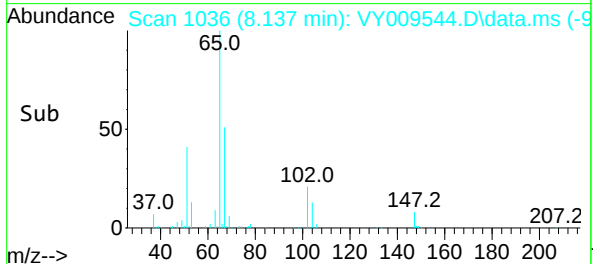
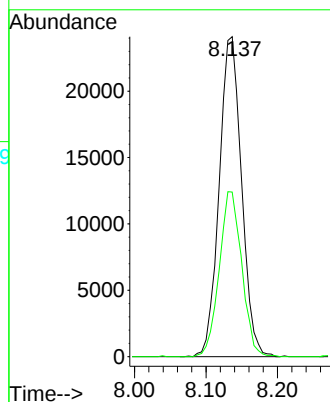
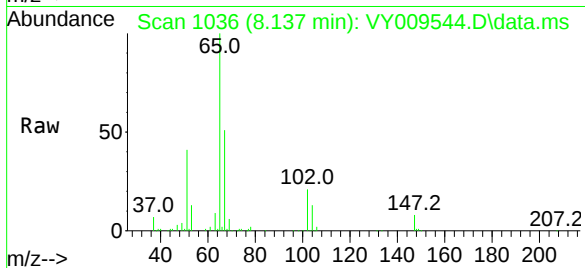
20220498B-SIM/C4B-COMPOSITE

Tgt Ion: 65 Resp: 52273

Ion Ratio Lower Upper

65 100

67 52.0 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: VY009544.D

Acq: 12 Jul 2022 19:44

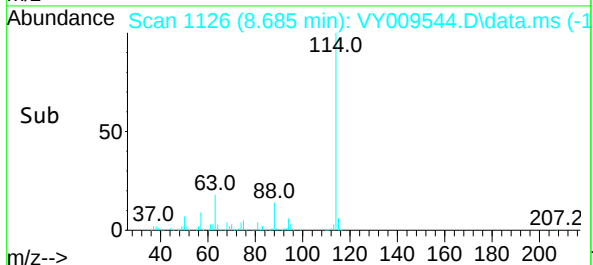
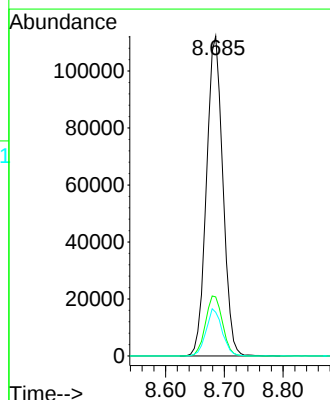
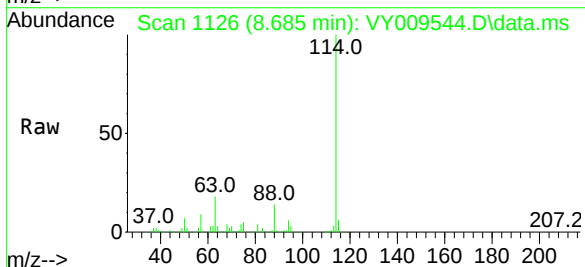
Tgt Ion: 114 Resp: 217189

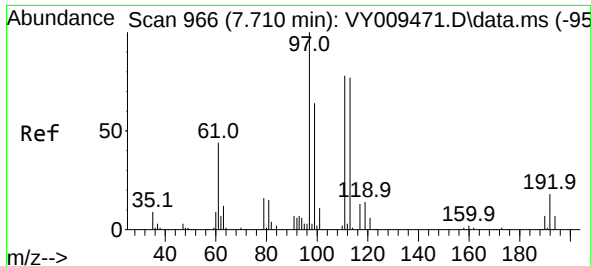
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.7 0.0 31.8

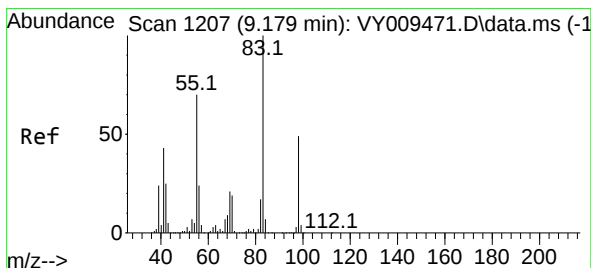
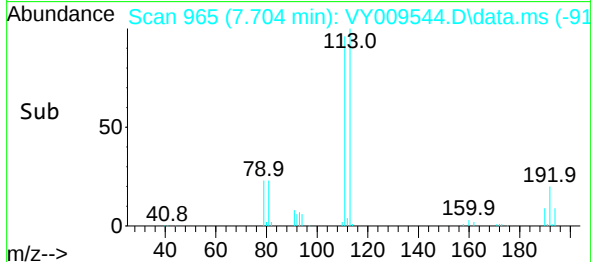
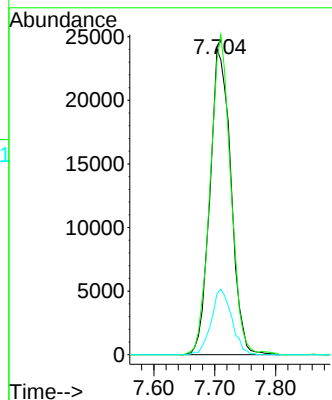
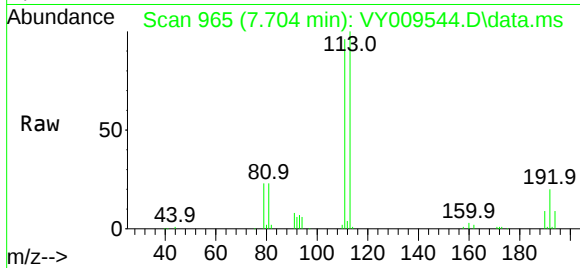




#35
Dibromofluoromethane
Concen: 50.443 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

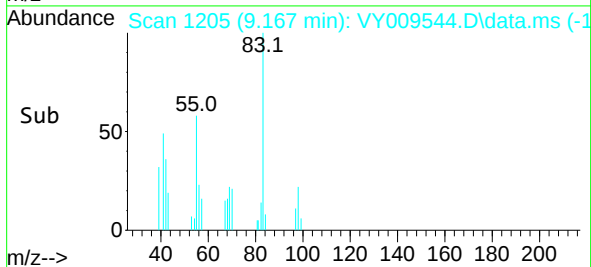
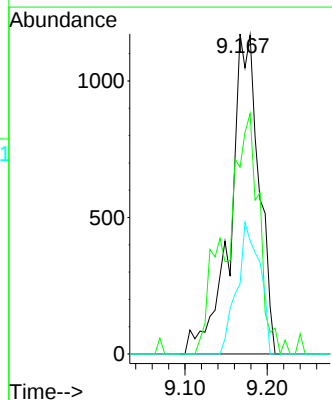
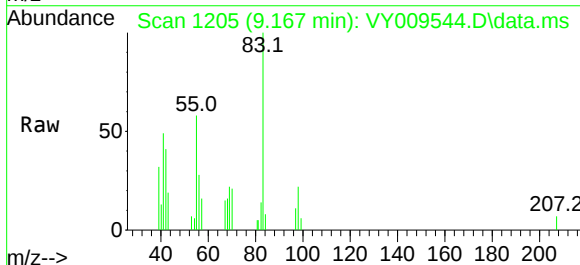
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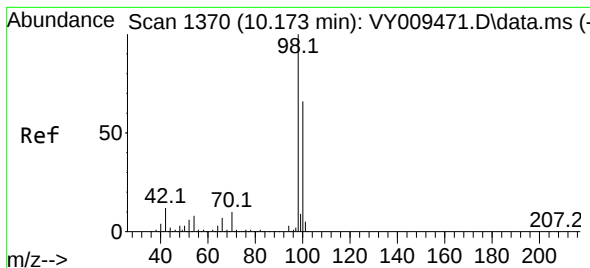
Tgt Ion:113 Resp: 57645
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.9 17.6 26.4



#39
Methylcyclohexane
Concen: 1.270 ug/l
RT: 9.167 min Scan# 1205
Delta R.T. -0.012 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

Tgt Ion: 83 Resp: 2836
Ion Ratio Lower Upper
83 100
55 58.4 66.5 99.7#
98 21.9 37.9 56.9#





#50

Toluene-d8

Concen: 46.063 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009544.D

Acq: 12 Jul 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

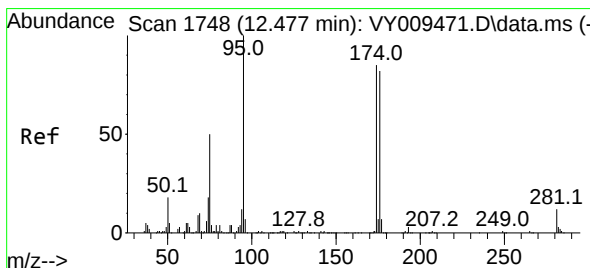
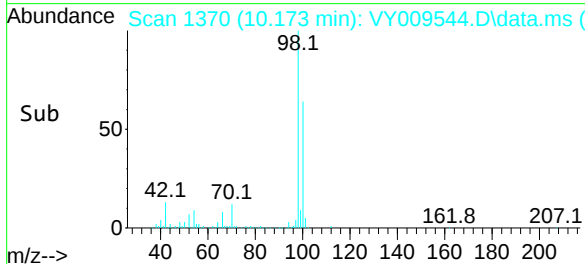
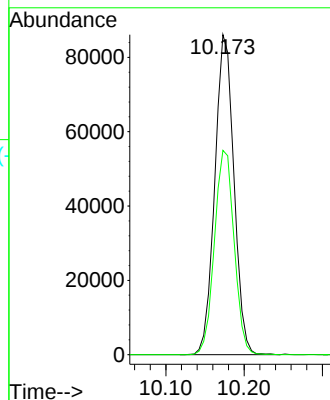
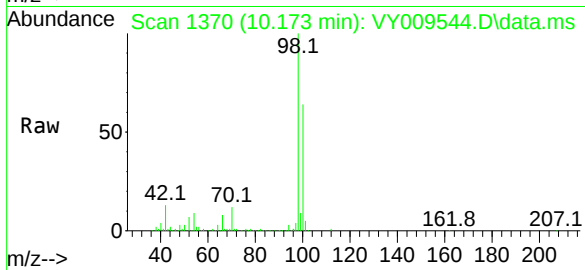
20220498B-SIM/C4B-COMPOSITE

Tgt Ion: 98 Resp: 146331

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 44.929 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009544.D

Acq: 12 Jul 2022 19:44

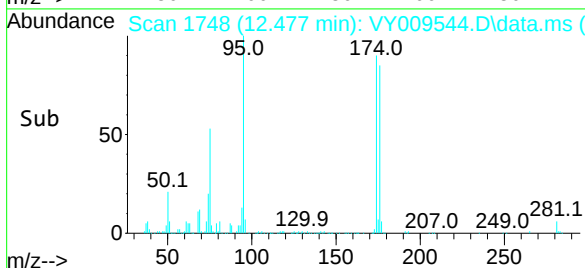
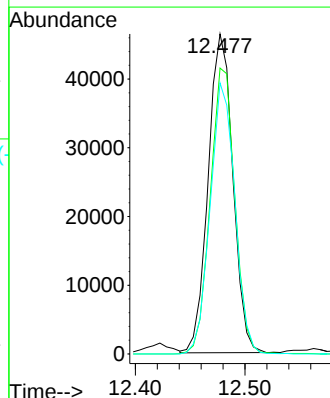
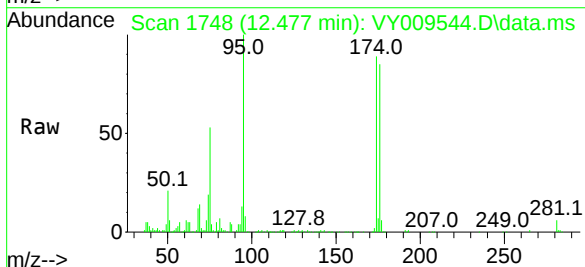
Tgt Ion: 95 Resp: 72477

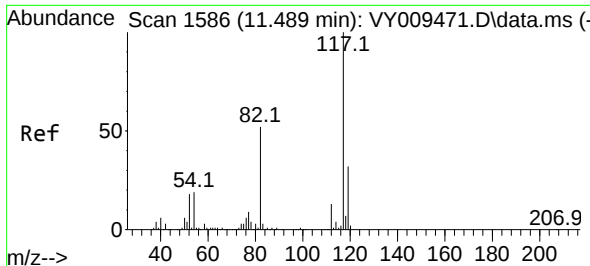
Ion Ratio Lower Upper

95 100

174 89.6 0.0 177.0

176 85.1 0.0 175.8

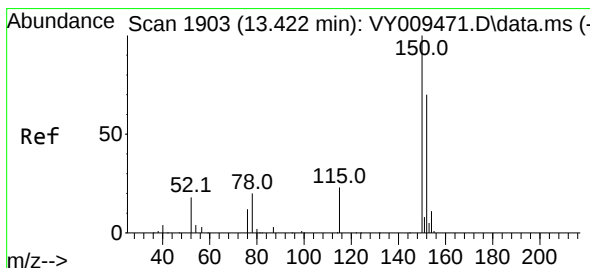
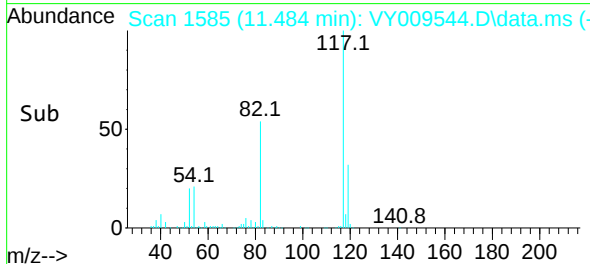
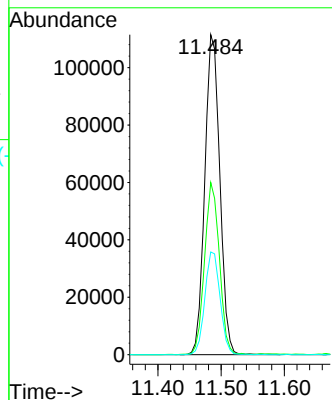
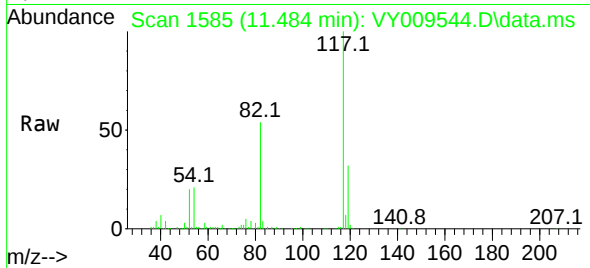




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

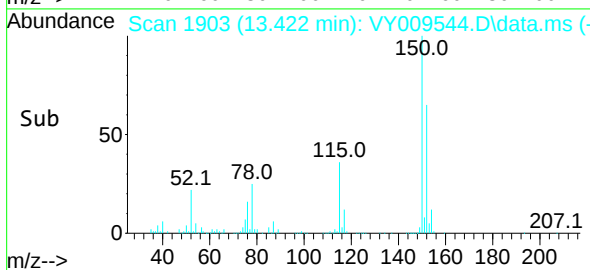
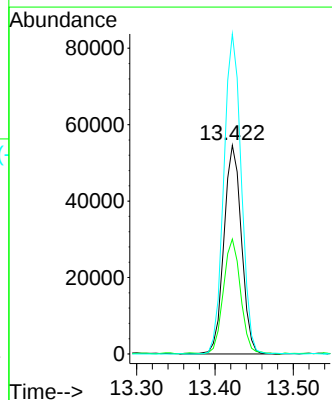
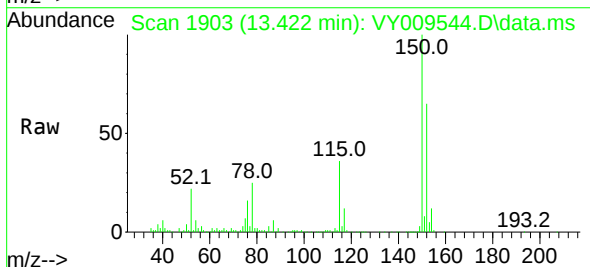
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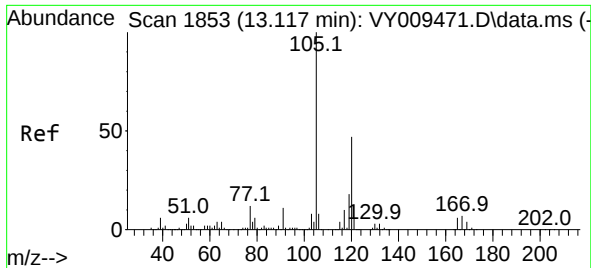
Tgt Ion:117 Resp: 184679
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009544.D
Acq: 12 Jul 2022 19:44

Tgt Ion:152 Resp: 84926
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 152.9 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.006 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009544.D
 Acq: 12 Jul 2022 19:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

Tgt Ion:105 Resp: 4860
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.9

