

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009540.D
 Acq On : 12 Jul 2022 18:13
 Operator : KP/MD
 Sample : N3662-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220495A-SIM/C1A-COMPOSITE

Quant Time: Jul 13 01:16:35 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)

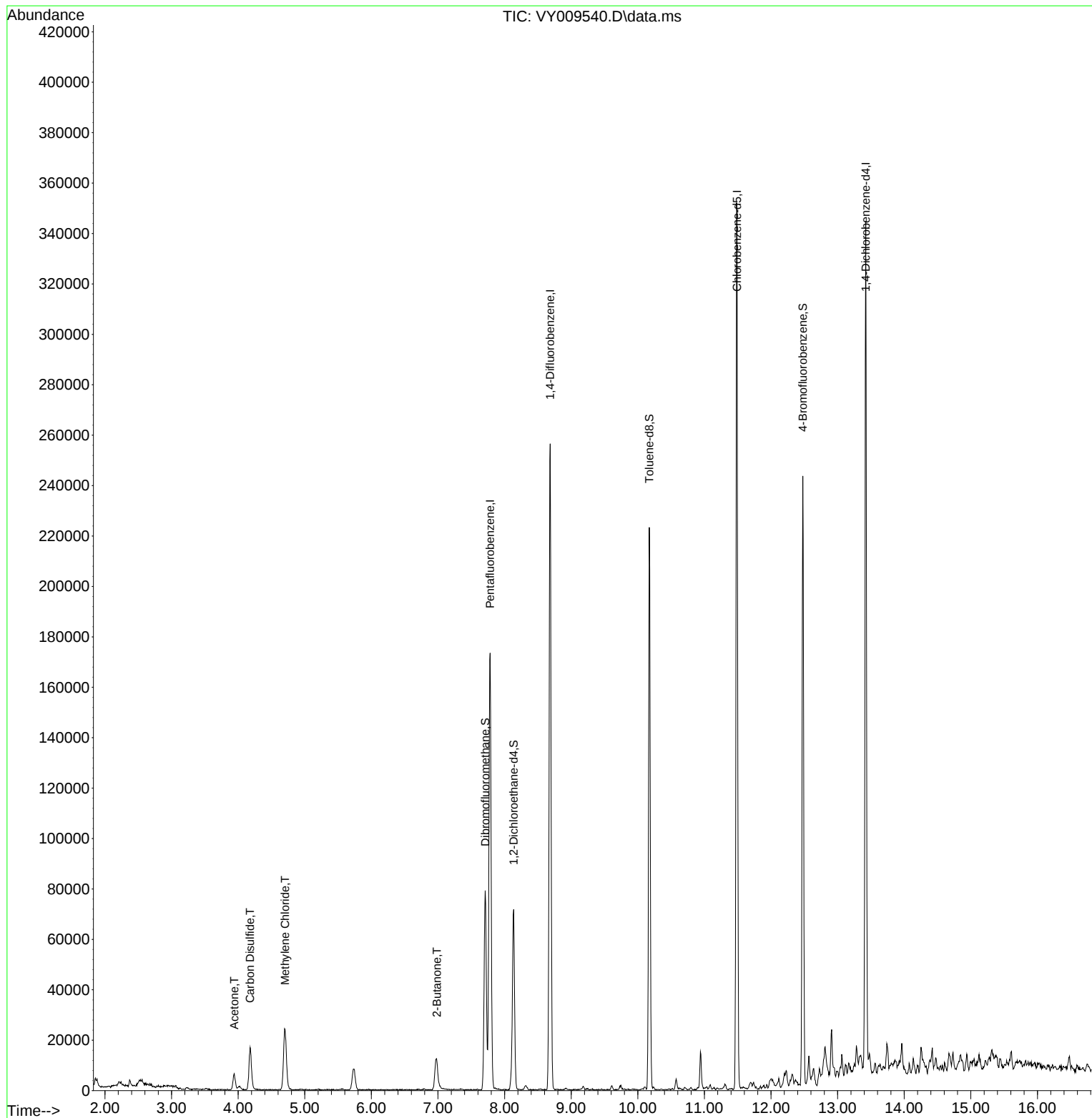
Internal Standards						
1) Pentafluorobenzene	7.783	168	140048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	220121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50644	51.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.060%
35) Dibromofluoromethane	7.710	113	55041	47.522	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.173	98	141575	43.533	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	87.060%
62) 4-Bromofluorobenzene	12.477	95	67961	41.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	83.140%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	10161	29.825	ug/l	97
17) Carbon Disulfide	4.180	76	32175	12.125	ug/l	97
20) Methylene Chloride	4.704	84	17862	7.010	ug/l #	80
25) 2-Butanone	6.984	43	4199	7.619	ug/l	93

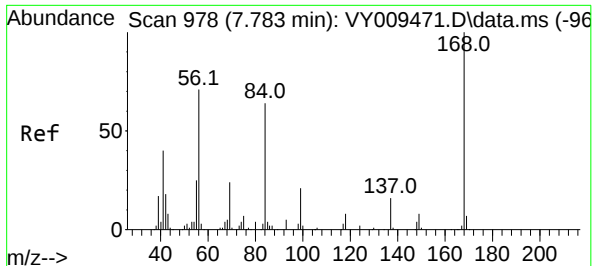
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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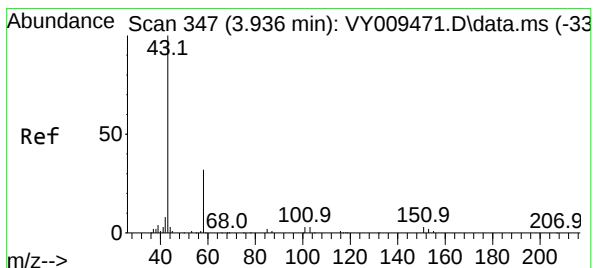
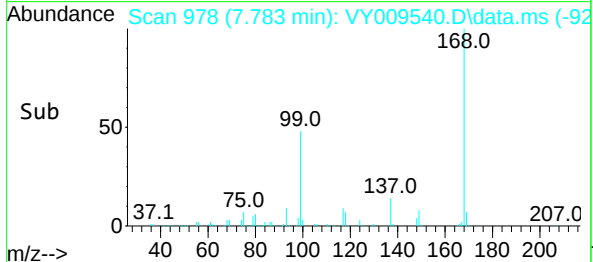
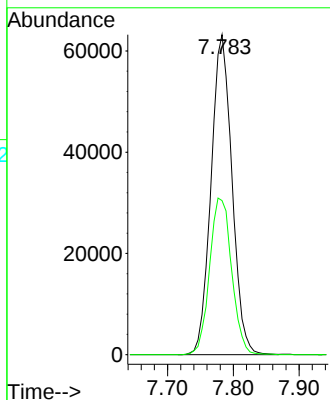
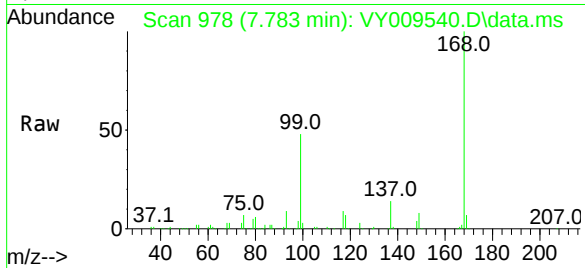




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

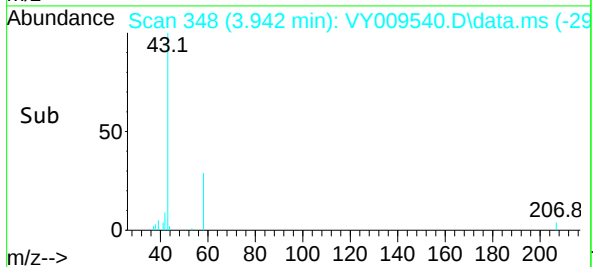
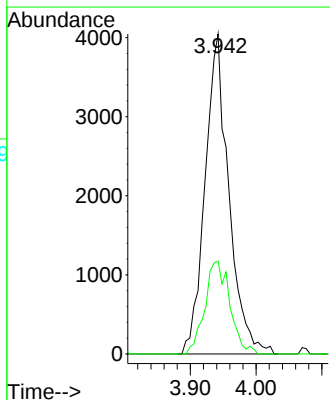
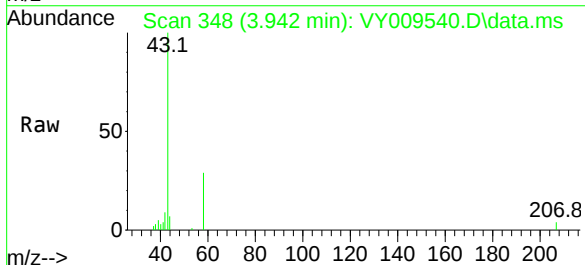
Instrument :
MSVOA_Y
ClientSampleId :
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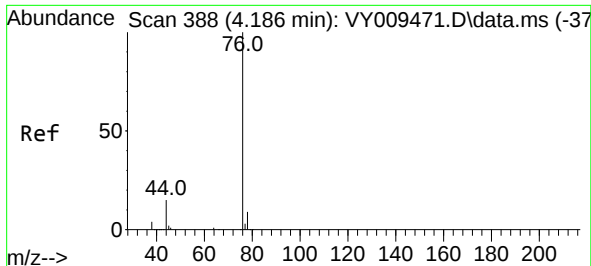
Tgt Ion:168 Resp: 140048
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#16
Acetone
Concen: 29.825 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

Tgt Ion: 43 Resp: 10161
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0

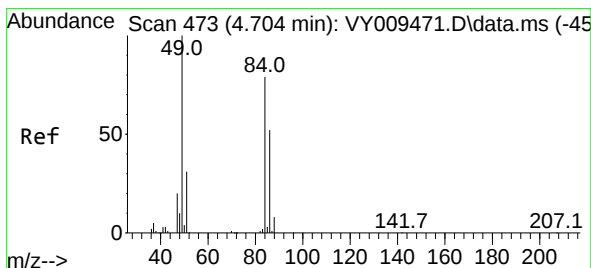
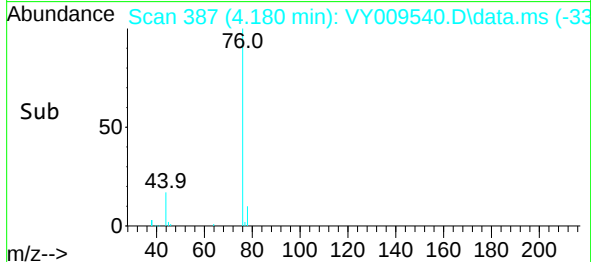
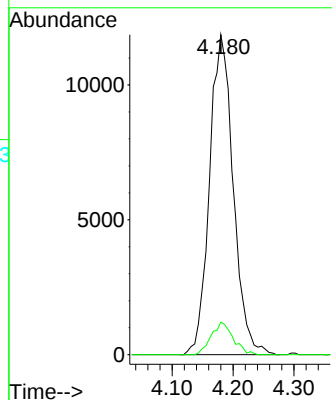
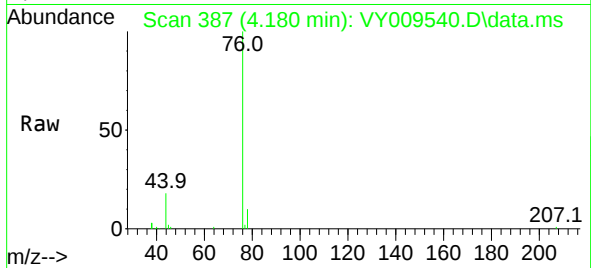




#17
Carbon Disulfide
Concen: 12.125 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

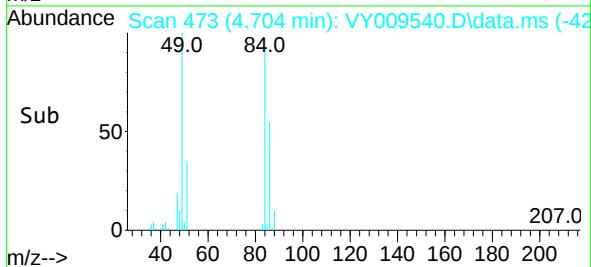
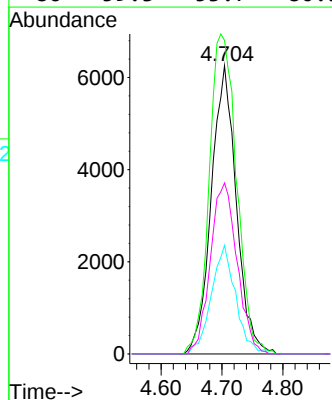
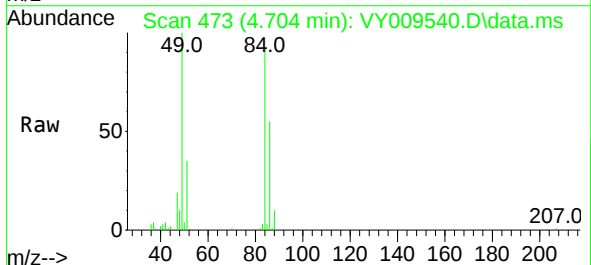
Instrument : MSVOA_Y
ClientSampleId : 20220495A-SIM/C1A-COMPOSITE

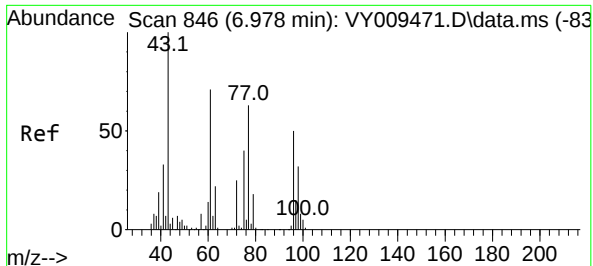
Tgt Ion: 76 Resp: 32175
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#20
Methylene Chloride
Concen: 7.010 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

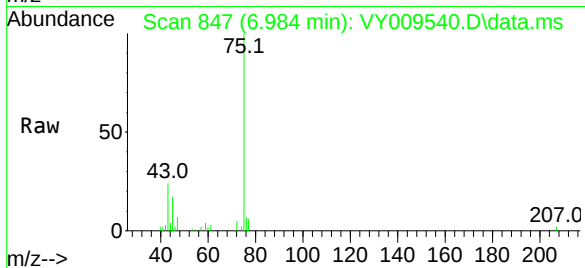
Tgt Ion: 84 Resp: 17862
Ion Ratio Lower Upper
84 100
49 108.8 114.4 171.6#
51 37.7 35.3 52.9
86 59.3 53.7 80.5



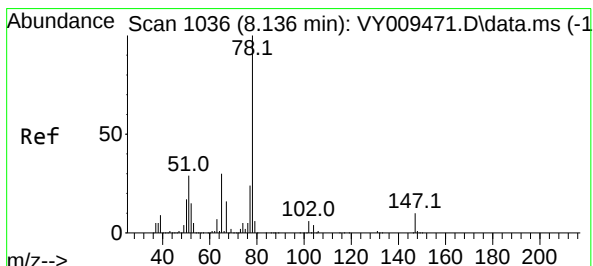
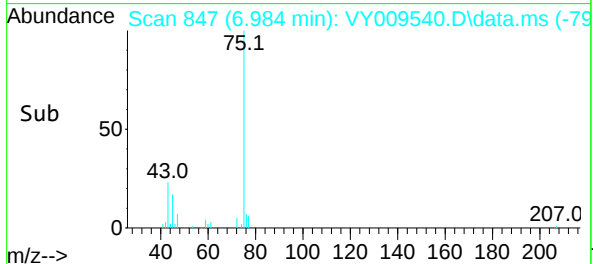
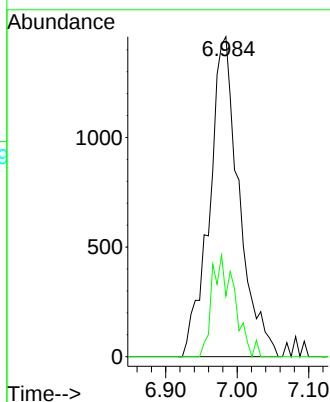


#25
2-Butanone
Concen: 7.619 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :
20220495A-SIM/C1A-COMPOSITE

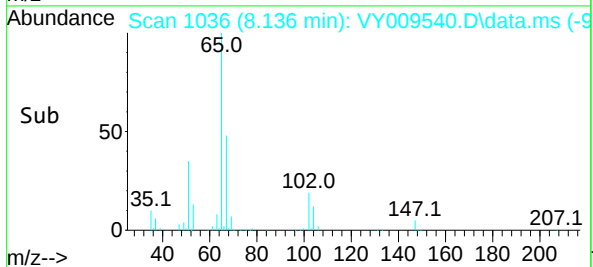
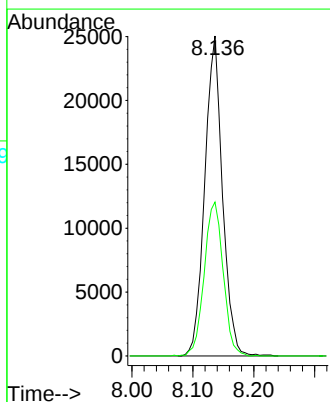
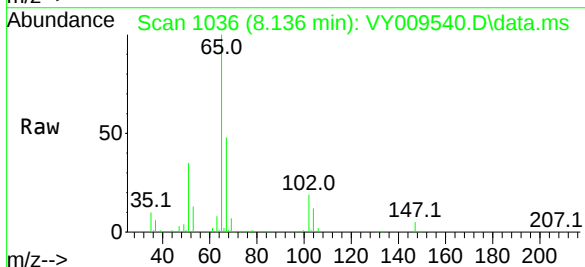


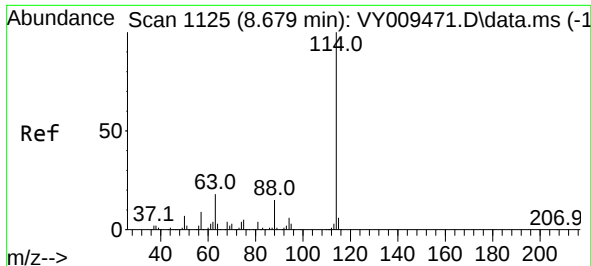
Tgt Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
72 18.9 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 51.535 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

Tgt Ion: 65 Resp: 50644
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009540.D

Acq: 12 Jul 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

20220495A-SIM/C1A-COMPOSITE

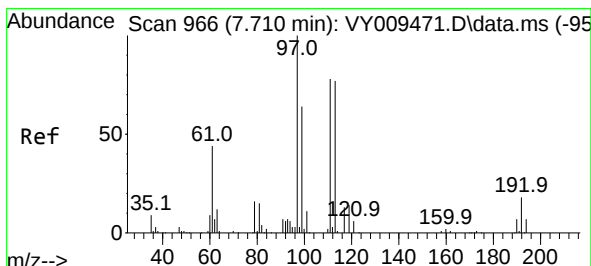
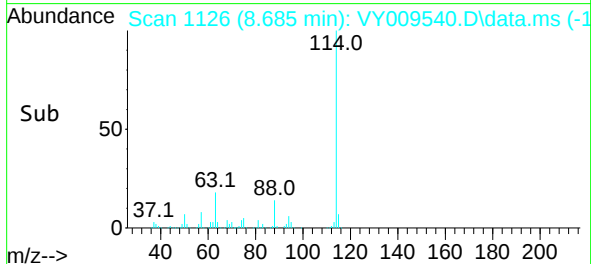
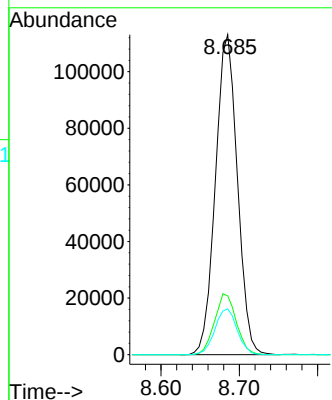
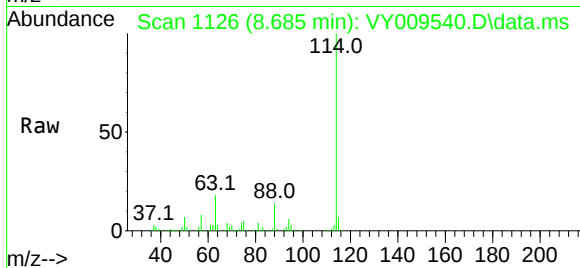
Tgt Ion:114 Resp: 220121

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.522 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009540.D

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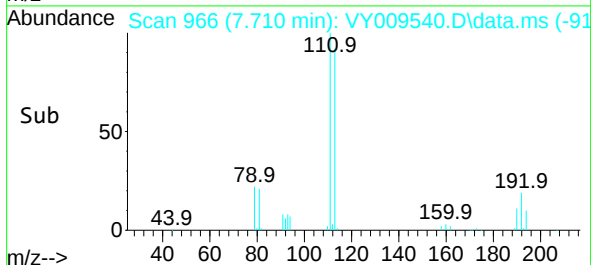
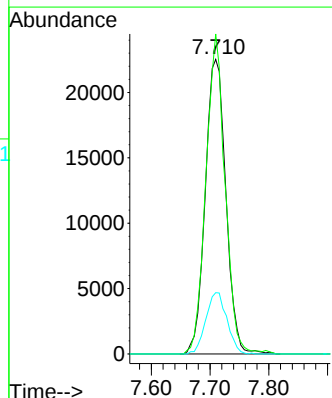
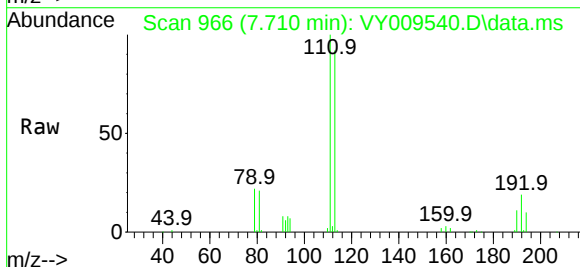
Tgt Ion:113 Resp: 55041

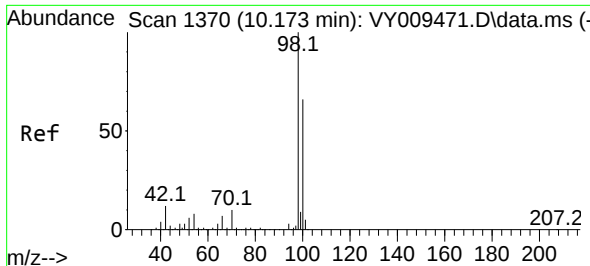
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 21.3 17.6 26.4

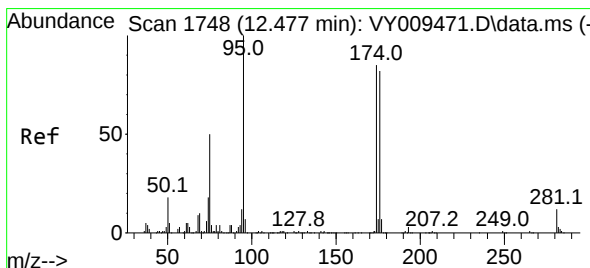
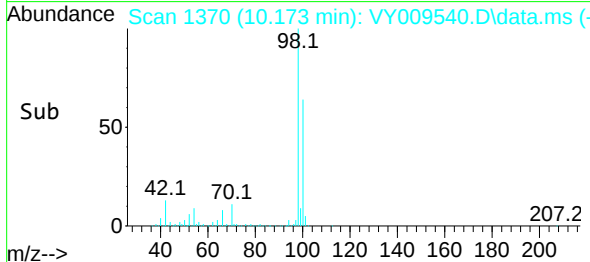
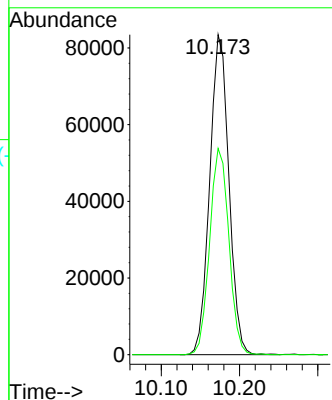
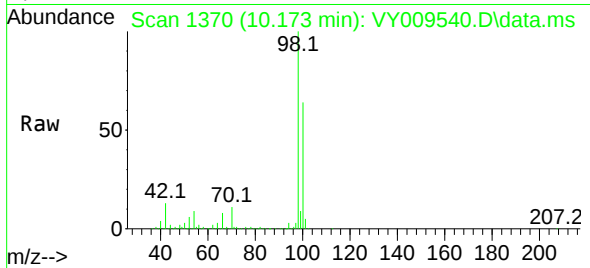




#50
Toluene-d8
Concen: 43.533 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

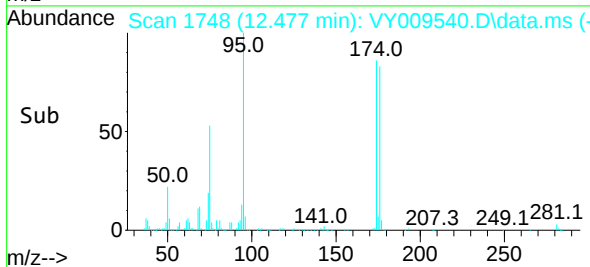
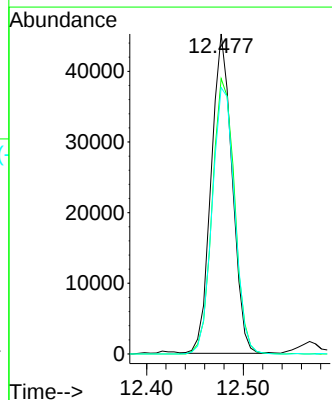
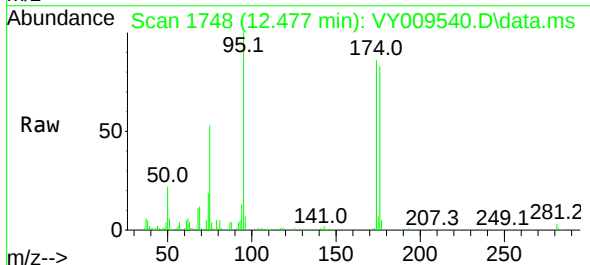
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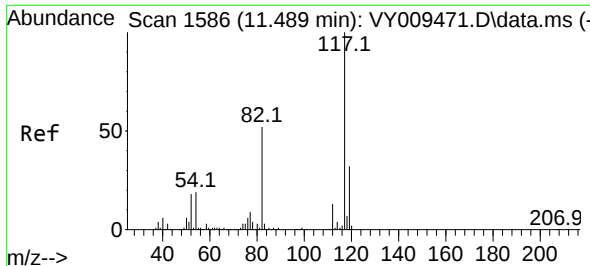
Tgt Ion: 98 Resp: 141575
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.569 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

Tgt Ion: 95 Resp: 67961
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 88.9 0.0 175.8

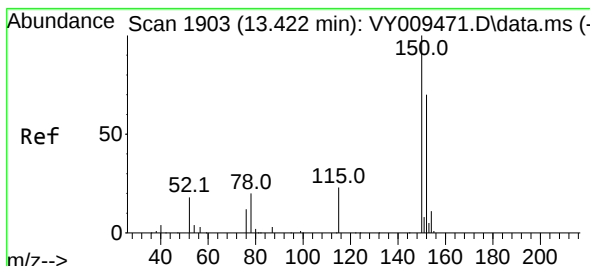
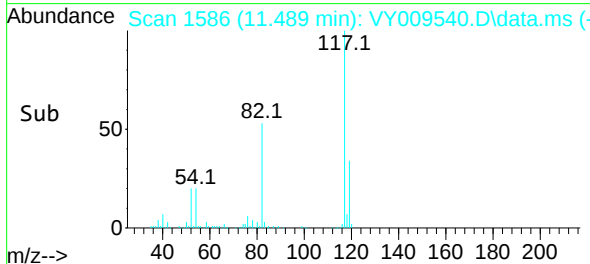
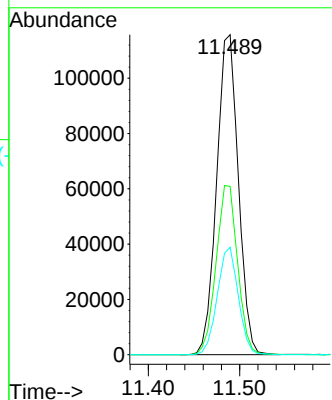
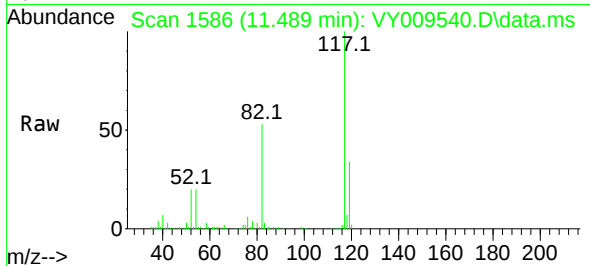




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009540.D
Acq: 12 Jul 2022 18:13

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Tgt Ion:	117	Resp:	190996
Ion Ratio	Lower	Upper	
117	100		
82	52.6	43.0	64.4
119	33.6	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: VY009540.D
Acq: 12 Jul 2022 18:13

Tgt Ion:	152	Resp:	85604
Ion Ratio	Lower	Upper	
152	100		
115	54.7	28.2	84.7
150	154.8	0.0	347.6

