

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009537.D
 Acq On : 12 Jul 2022 17:05
 Operator : KP/MD
 Sample : N3597-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220509-COMPOSITE-D

Quant Time: Jul 13 01:16:09 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)

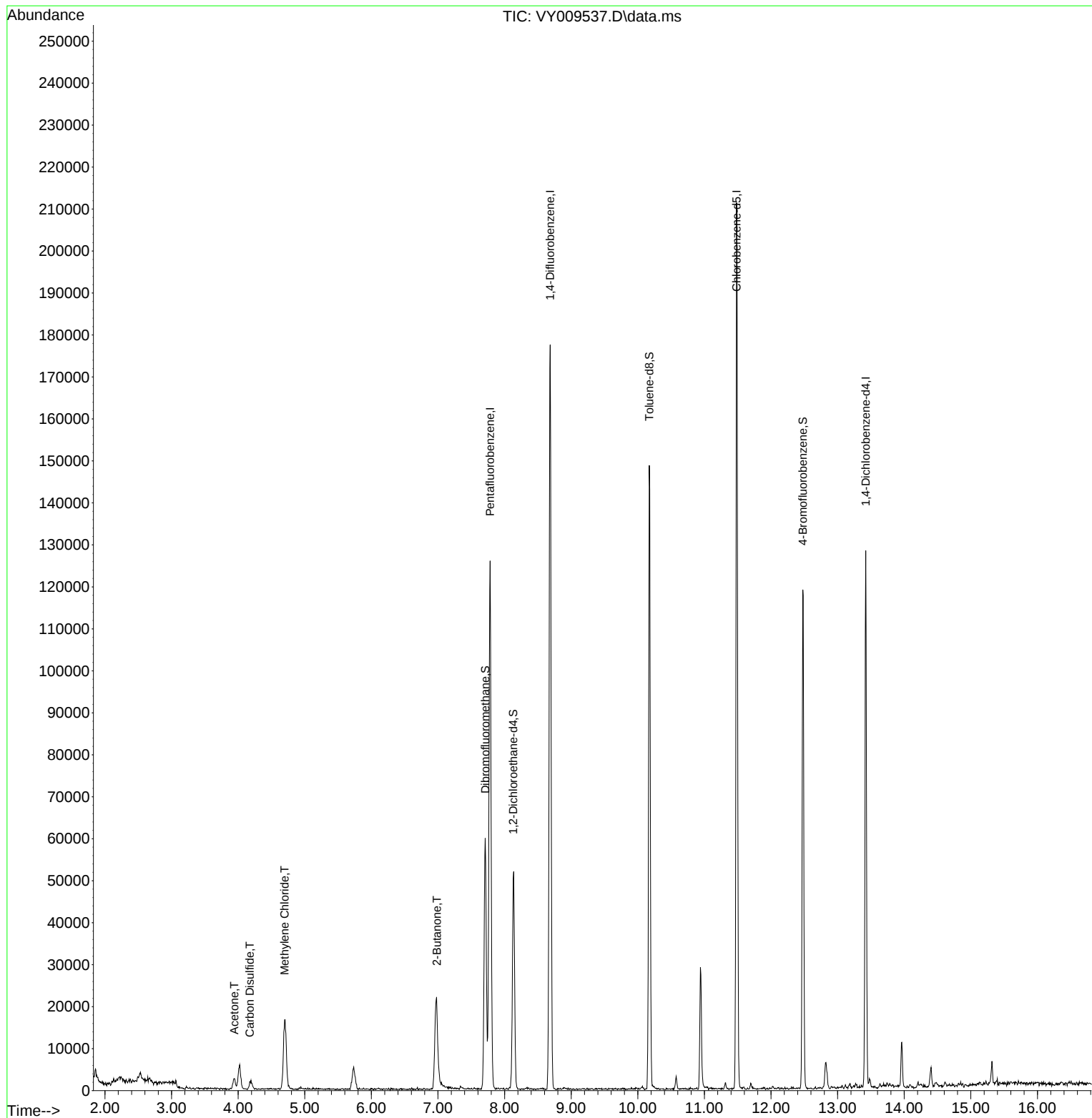
Internal Standards						
1) Pentafluorobenzene	7.782	168	97974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	154834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	113146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	39293	57.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.940%
35) Dibromofluoromethane	7.709	113	40852	50.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.280%
50) Toluene-d8	10.172	98	95979	41.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.220%
62) 4-Bromofluorobenzene	12.477	95	33229	28.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	57.780%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	4891	20.521	ug/l	90
17) Carbon Disulfide	4.173	76	2031	5.117	ug/l #	89
20) Methylene Chloride	4.698	84	12201	6.721	ug/l #	80
25) 2-Butanone	6.984	43	3029	7.856	ug/l	99

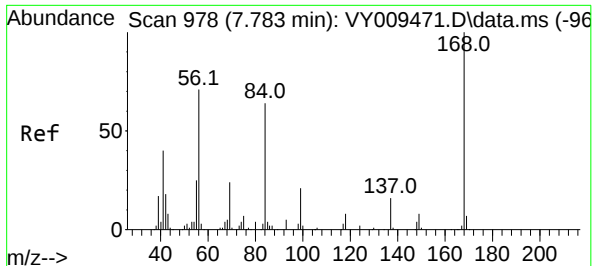
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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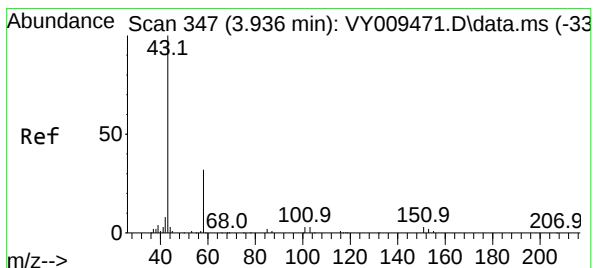
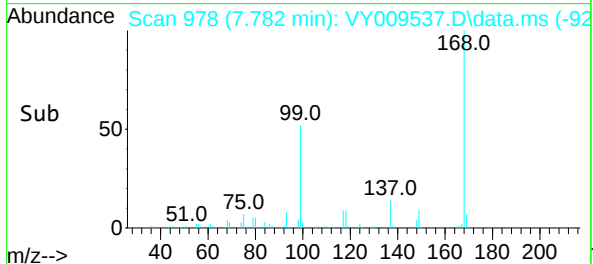
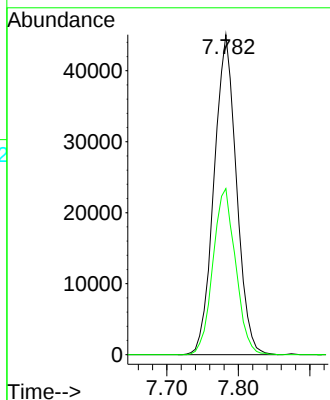
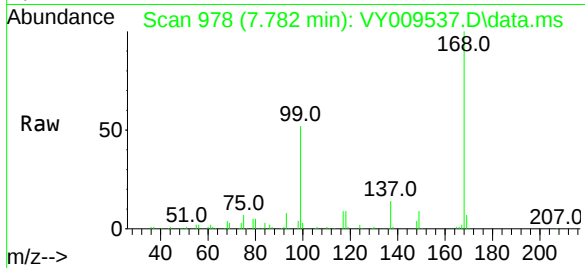




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

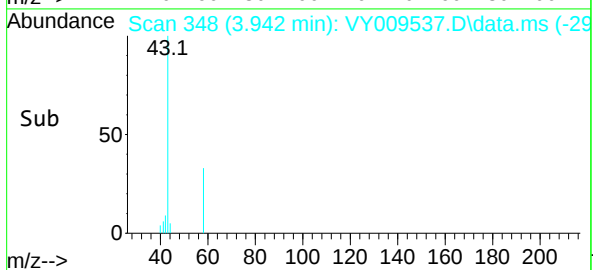
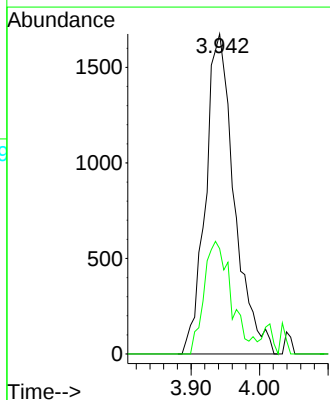
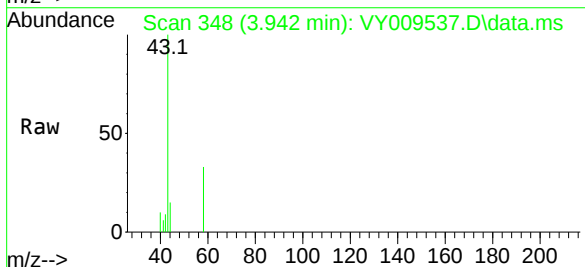
Instrument :
MSVOA_Y
ClientSampleId :
20220509-COMPOSITE-D

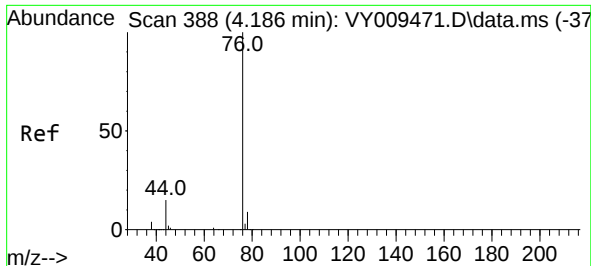
Tgt Ion:168 Resp: 97974
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#16
Acetone
Concen: 20.521 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

Tgt Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

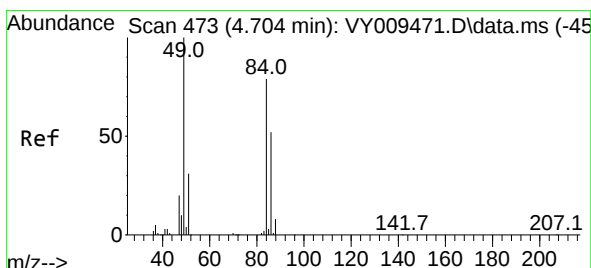
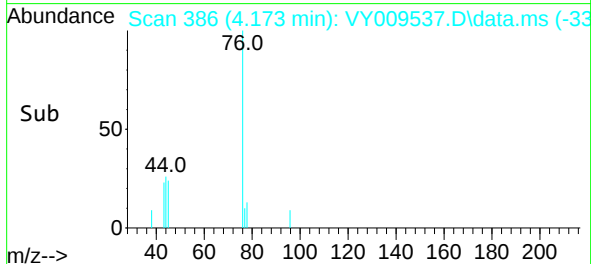
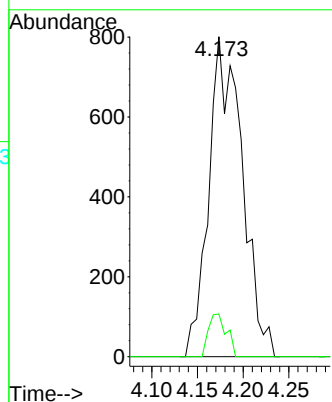
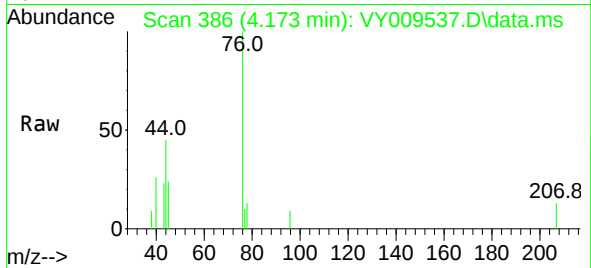




#17
Carbon Disulfide
Concen: 5.117 ug/l
RT: 4.173 min Scan# 386
Delta R.T. -0.013 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

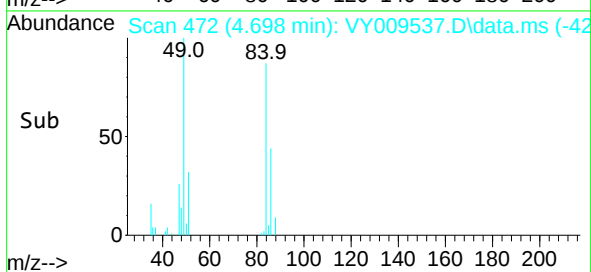
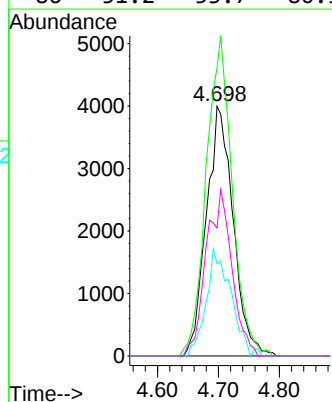
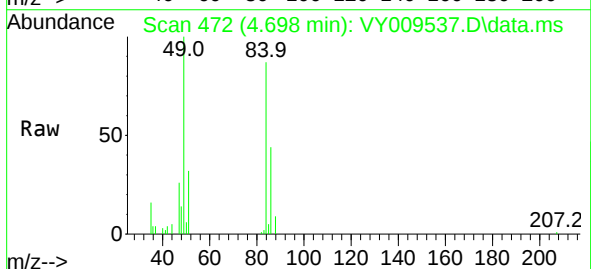
Instrument :
MSVOA_Y
ClientSampleId :
20220509-COMPOSITE-D

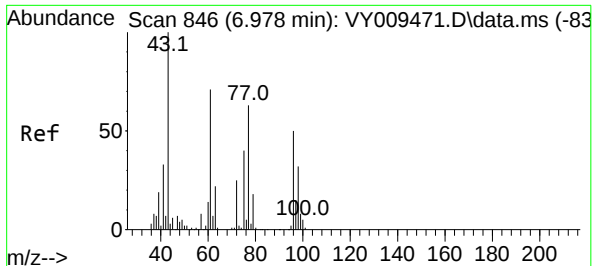
Tgt Ion: 76 Resp: 2031
Ion Ratio Lower Upper
76 100
78 13.4 7.4 11.0#



#20
Methylene Chloride
Concen: 6.721 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

Tgt Ion: 84 Resp: 12201
Ion Ratio Lower Upper
84 100
49 115.4 114.4 171.6
51 37.0 35.3 52.9
86 51.2 53.7 80.5#

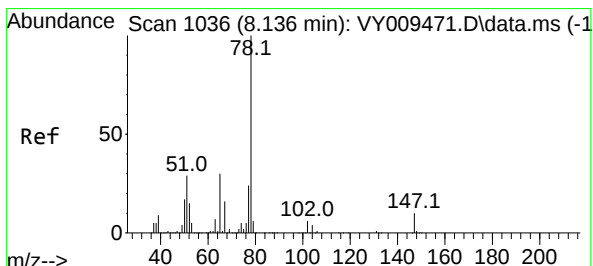
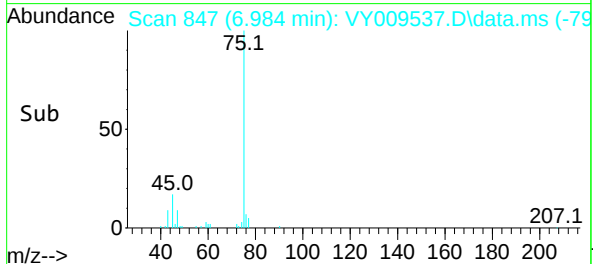
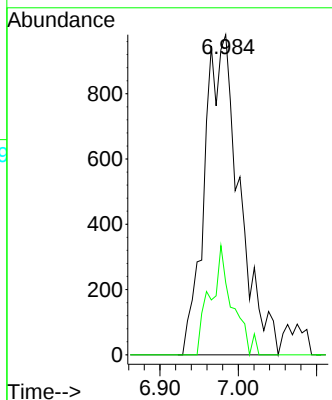
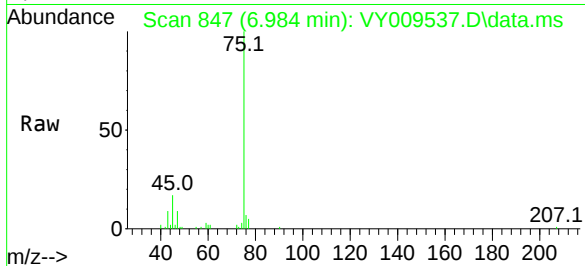




#25
2-Butanone
Concen: 7.856 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

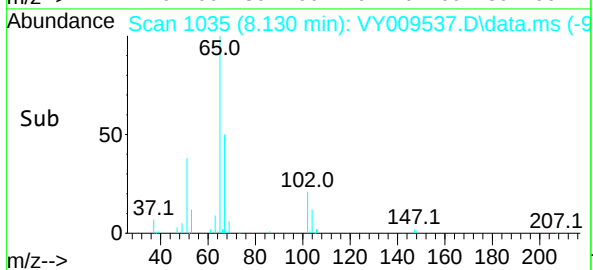
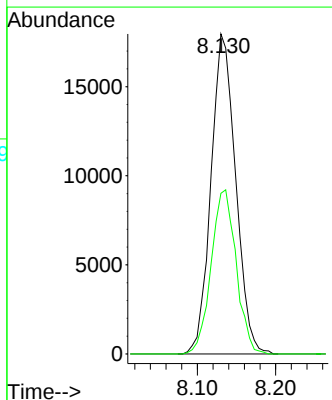
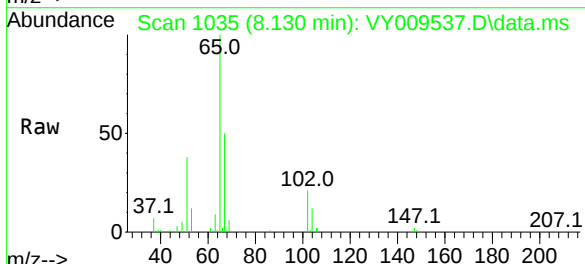
Instrument :
MSVOA_Y
ClientSampleId :
20220509-COMPOSITE-D

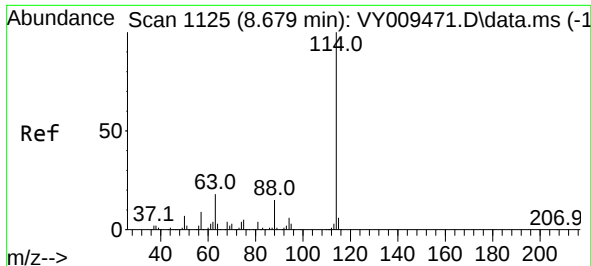
Tgt Ion: 43 Resp: 3029
Ion Ratio Lower Upper
43 100
72 22.5 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 57.967 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

Tgt Ion: 65 Resp: 39293
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# 11

Delta R.T. 0.006 min

Lab File: VY009537.D

Acq: 12 Jul 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

20220509-COMPOSITE-D

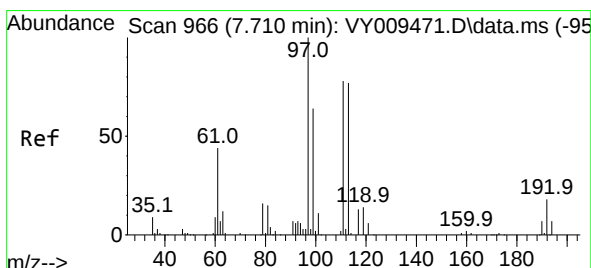
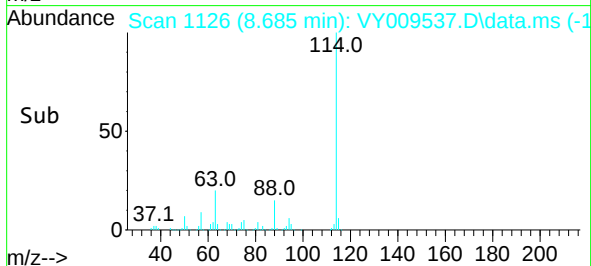
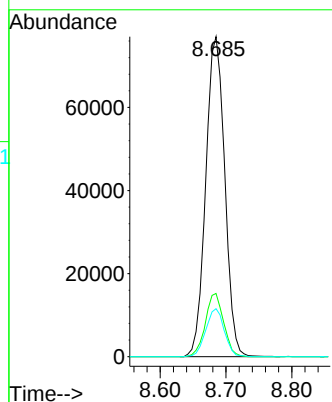
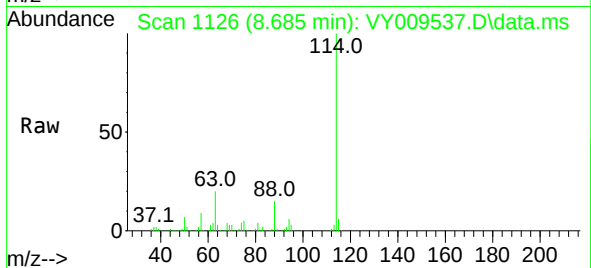
Tgt Ion:114 Resp: 154834

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.144 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009537.D

Acq: 12 Jul 2022 17:05

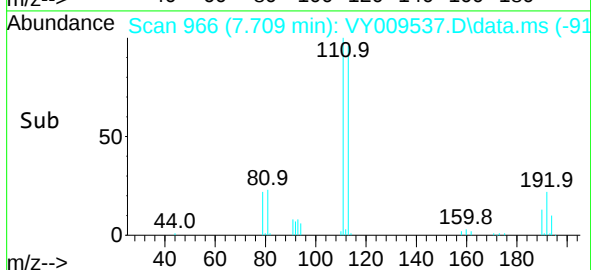
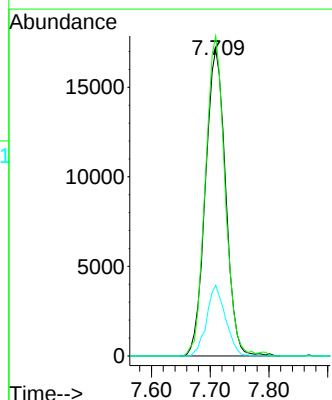
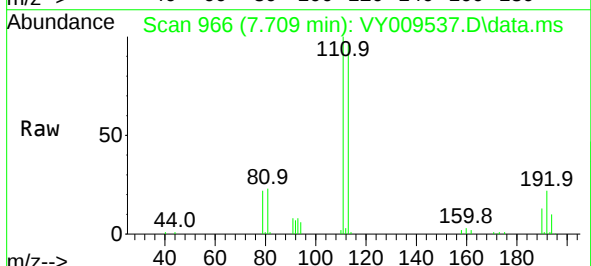
Tgt Ion:113 Resp: 40852

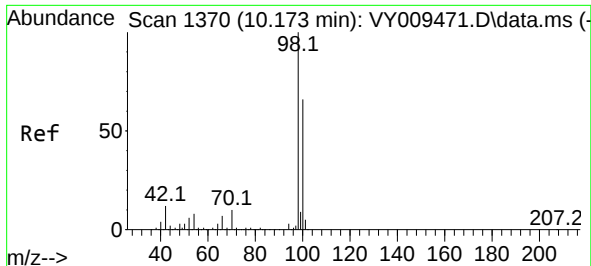
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 21.5 17.6 26.4

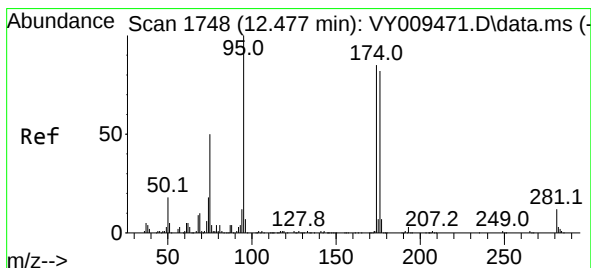
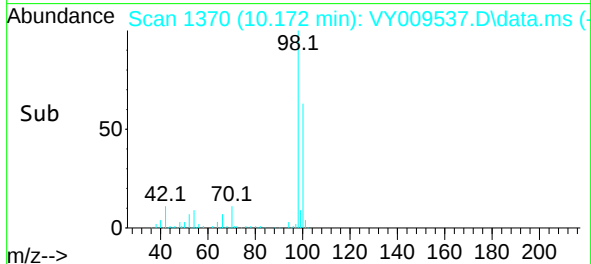
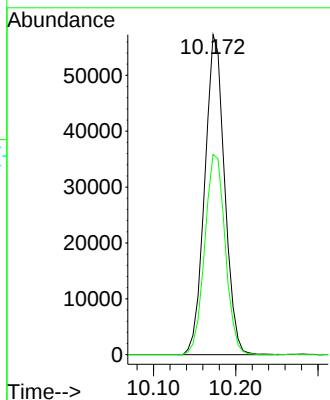
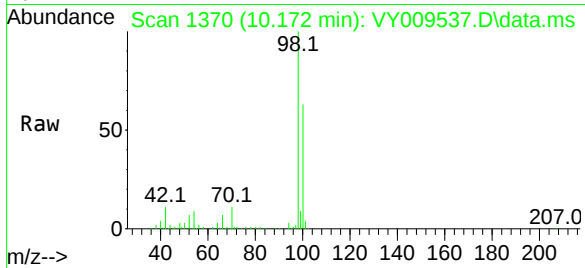




#50
Toluene-d8
Concen: 41.605 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

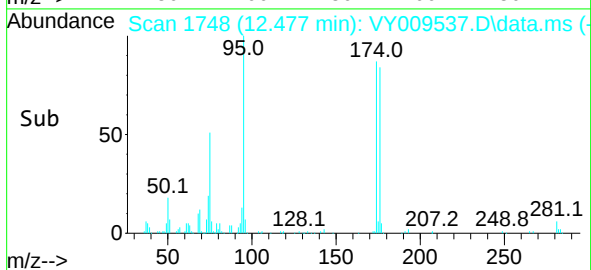
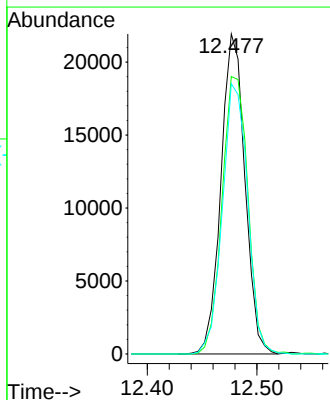
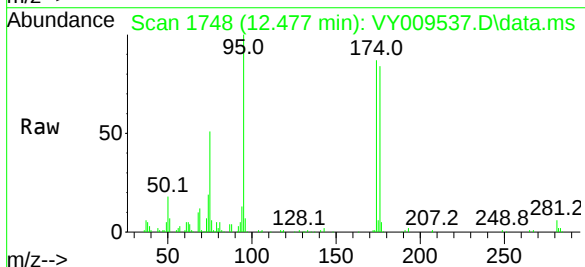
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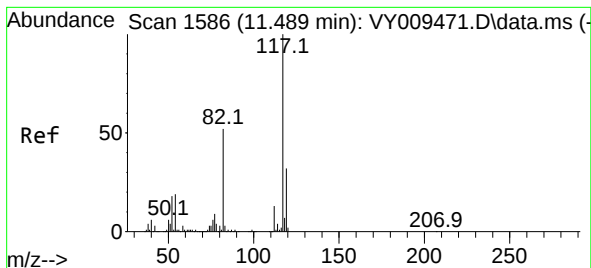
Tgt Ion: 98 Resp: 95979
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.895 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009537.D
Acq: 12 Jul 2022 17:05

Tgt Ion: 95 Resp: 33229
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 89.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009537.D

Acq: 12 Jul 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

20220509-COMPOSITE-D

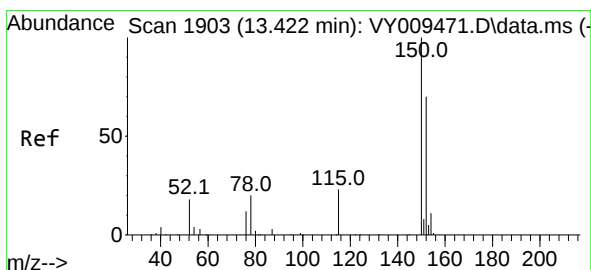
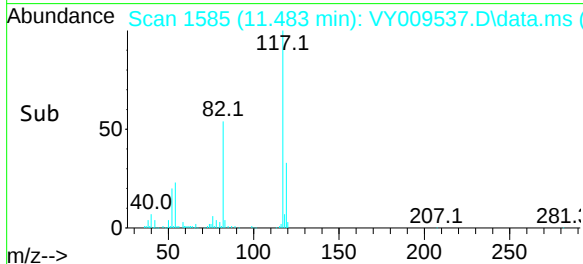
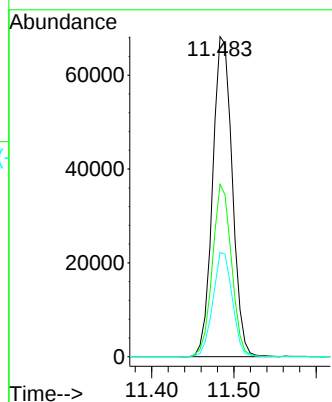
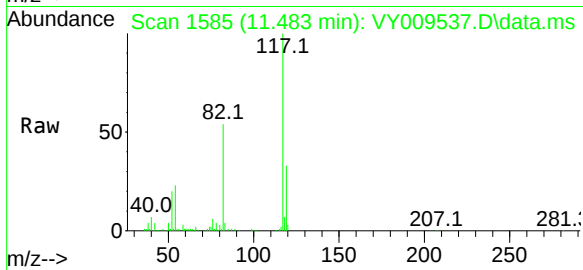
Tgt Ion:117 Resp: 113146

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.6 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: VY009537.D

Acq: 12 Jul 2022 17:05

Tgt Ion:152 Resp: 32577

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 153.6 0.0 347.6

