

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009513.D
 Acq On : 11 Jul 2022 16:18
 Operator : KP/MD
 Sample : N3622-08
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220497A-SIM-C3A-COMPOSITE

Quant Time: Jul 12 05:03:52 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)

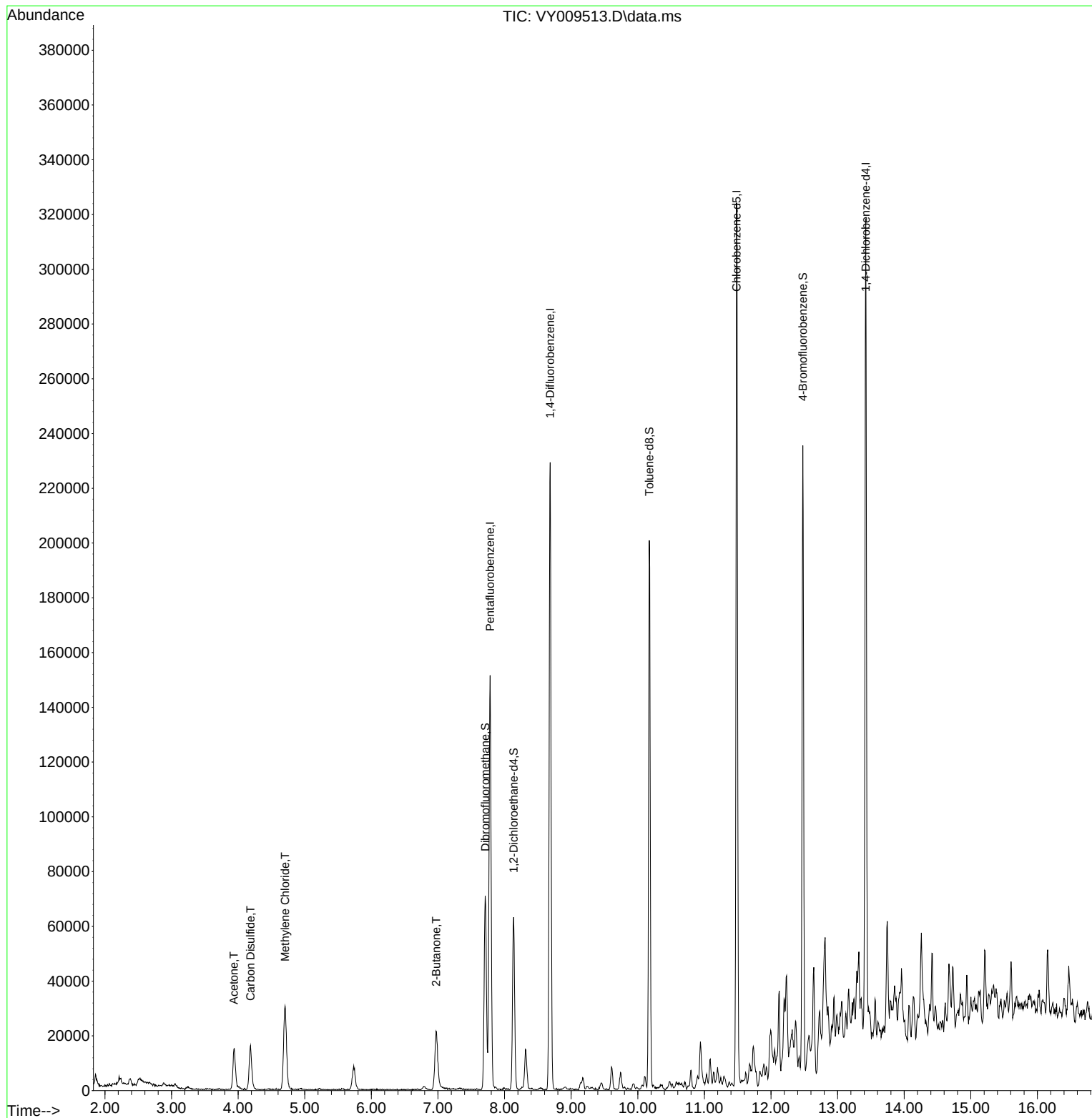
Internal Standards						
1) Pentafluorobenzene	7.783	168	116309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	196355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	173269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	47159	58.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.380%
35) Dibromofluoromethane	7.710	113	49417	47.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.660%
50) Toluene-d8	10.173	98	126880	43.781	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	87.560%
62) 4-Bromofluorobenzene	12.477	95	62706	42.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	86.000%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	26083	92.186	ug/l	92
17) Carbon Disulfide	4.186	76	27850	12.451	ug/l	98
20) Methylene Chloride	4.704	84	22505	13.333	ug/l	87
25) 2-Butanone	6.972	43	6944	15.171	ug/l	92

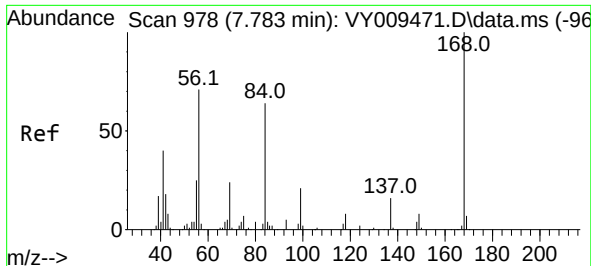
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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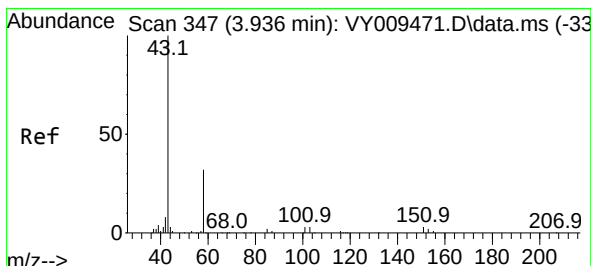
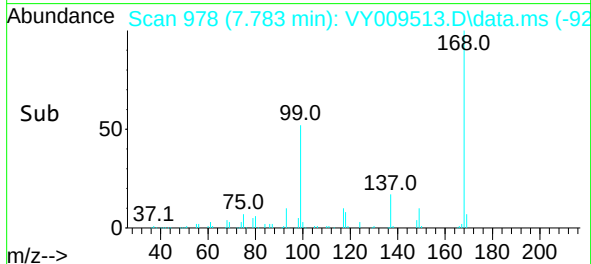
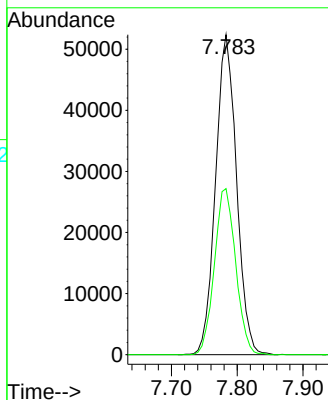
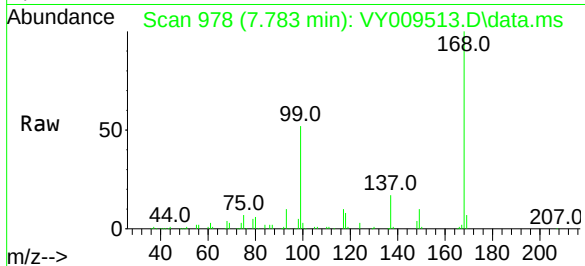




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

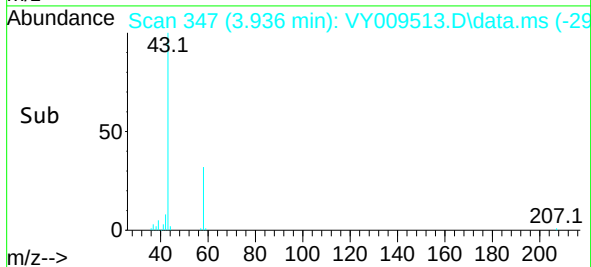
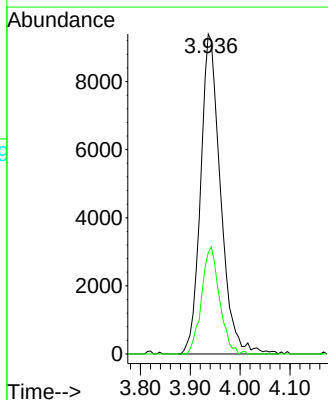
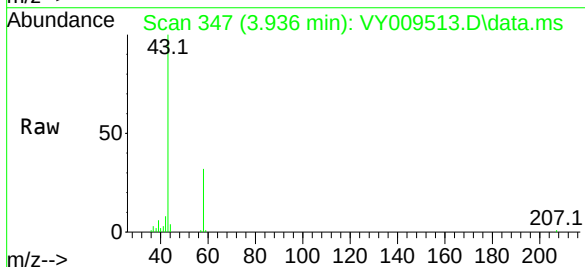
Instrument :
MSVOA_Y
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

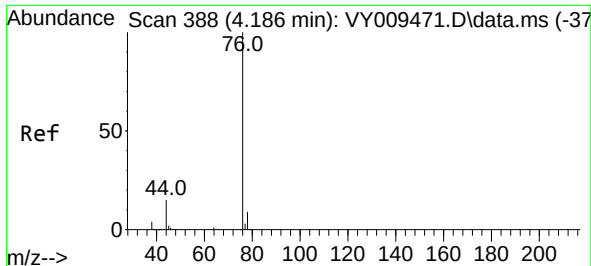
Tgt Ion:168 Resp: 116309
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#16
Acetone
Concen: 92.186 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

Tgt Ion: 43 Resp: 26083
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0

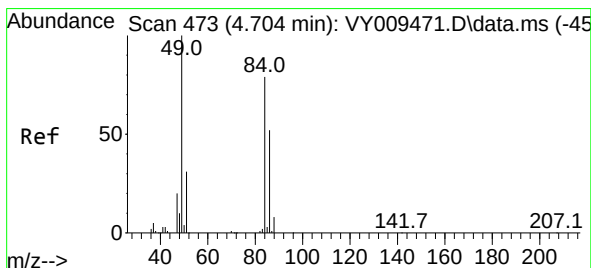
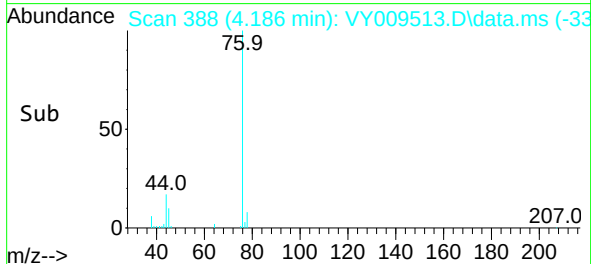
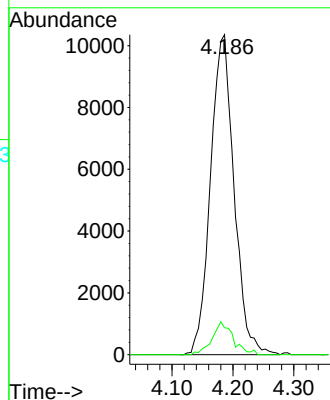
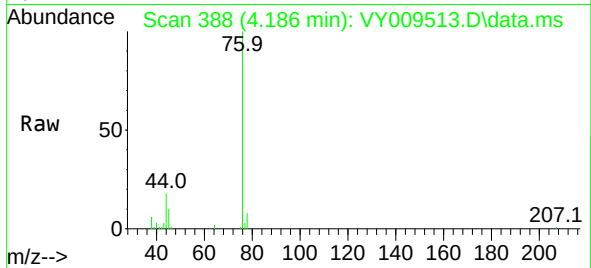




#17
Carbon Disulfide
Concen: 12.451 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

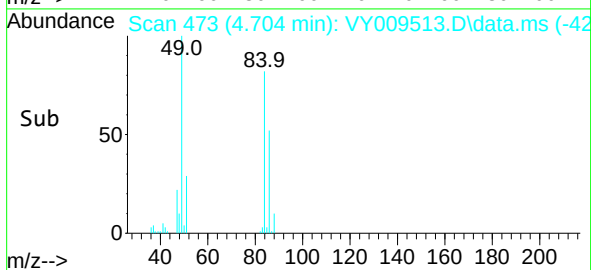
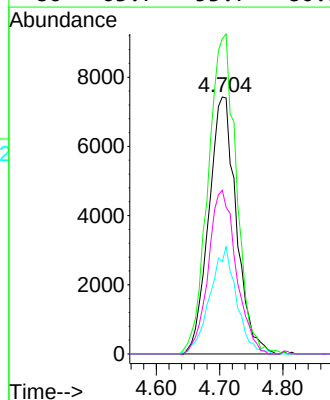
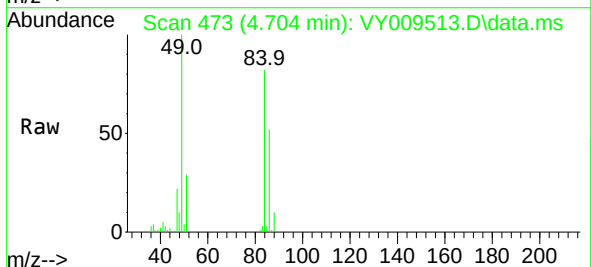
Instrument : MSVOA_Y
ClientSampleId : 20220497A-SIM-C3A-COMPOSITE

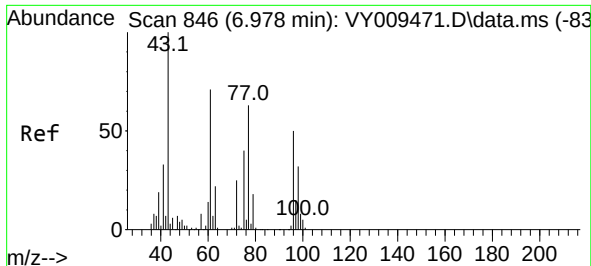
Tgt Ion: 76 Resp: 27850
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#20
Methylene Chloride
Concen: 13.333 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

Tgt Ion: 84 Resp: 22505
Ion Ratio Lower Upper
84 100
49 122.7 114.4 171.6
51 35.9 35.3 52.9
86 63.7 53.7 80.5

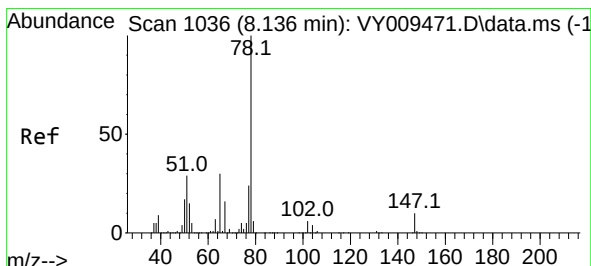
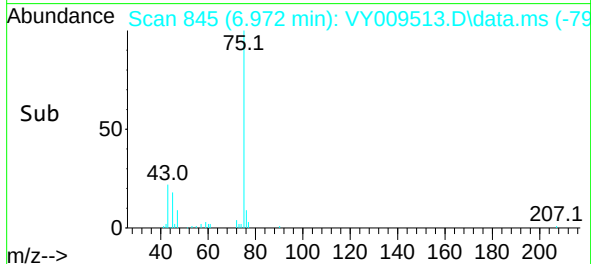
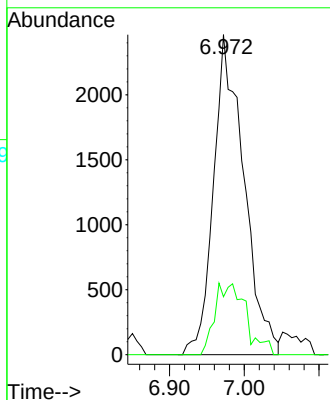
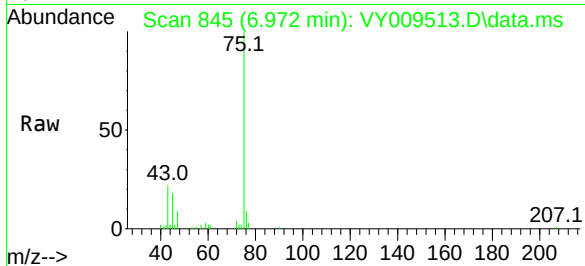




#25
2-Butanone
Concen: 15.171 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

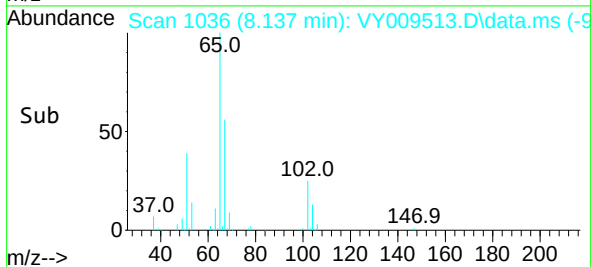
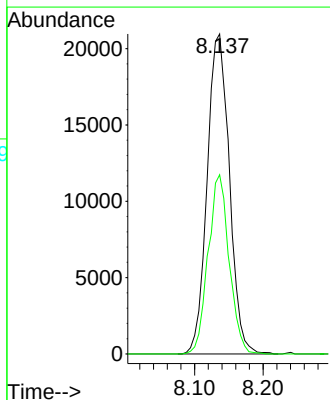
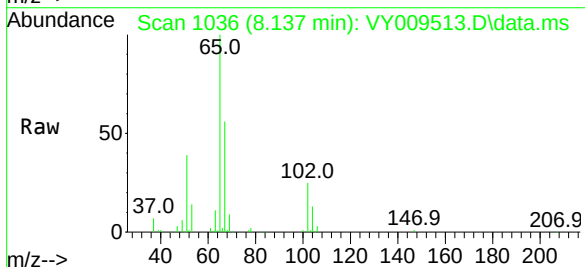
Instrument :
MSVOA_Y
ClientSampleId :
20220497A-SIM-C3A-COMPOSITE

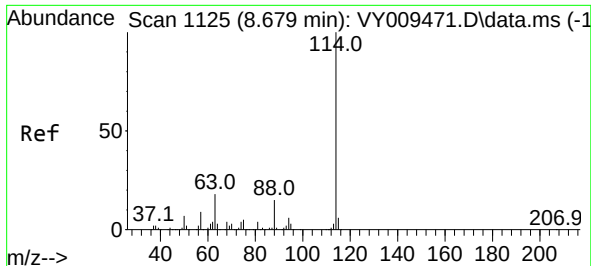
Tgt Ion: 43 Resp: 6944
Ion Ratio Lower Upper
43 100
72 18.1 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 58.686 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

Tgt Ion: 65 Resp: 47159
Ion Ratio Lower Upper
65 100
67 52.9 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: VY009513.D

Acq: 11 Jul 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

20220497A-SIM-C3A-COMPOSITE

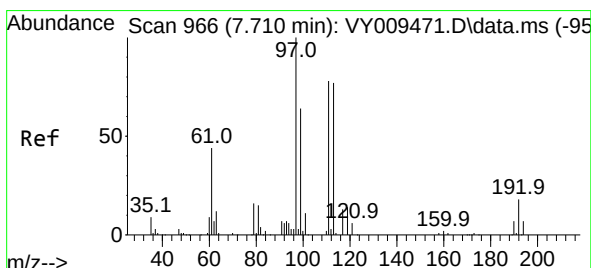
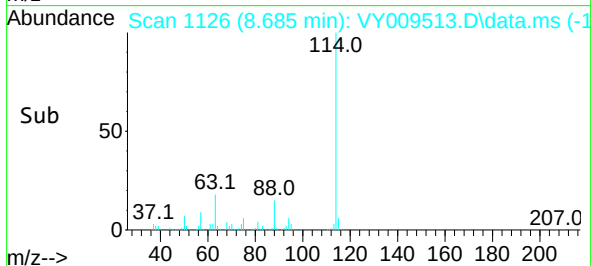
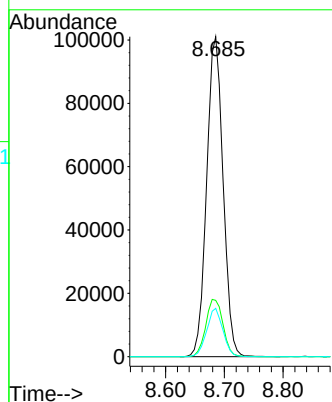
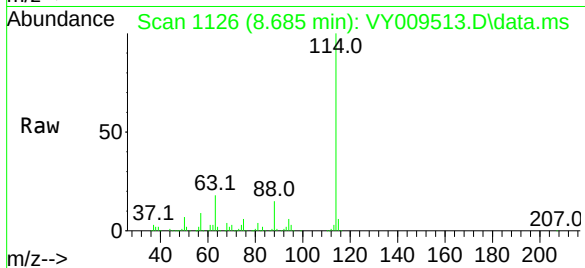
Tgt Ion:114 Resp: 196355

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.831 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009513.D

Acq: 11 Jul 2022 16:18

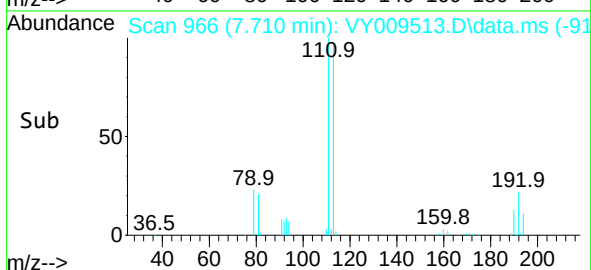
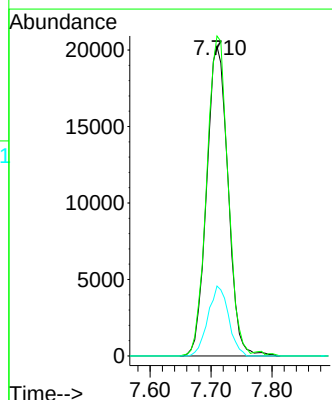
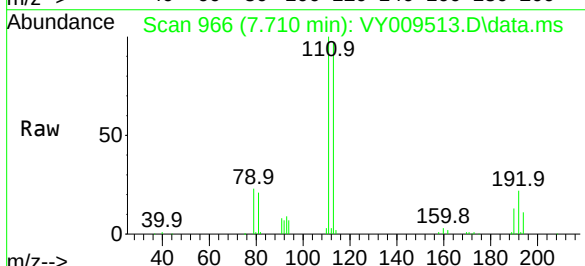
Tgt Ion:113 Resp: 49417

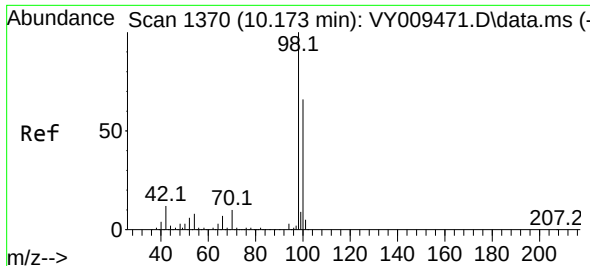
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 21.7 17.6 26.4

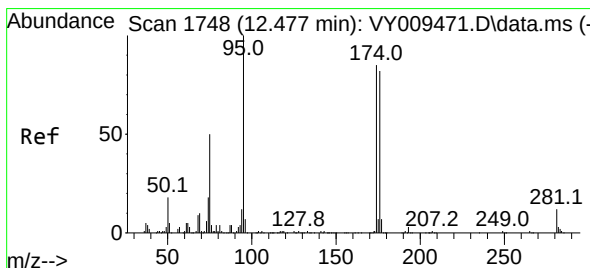
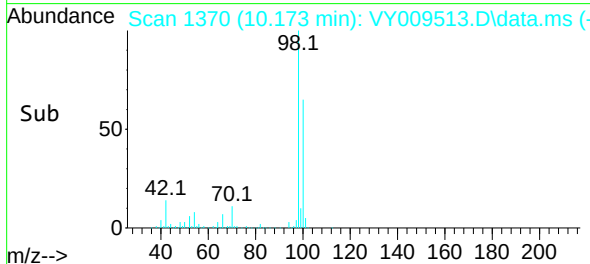
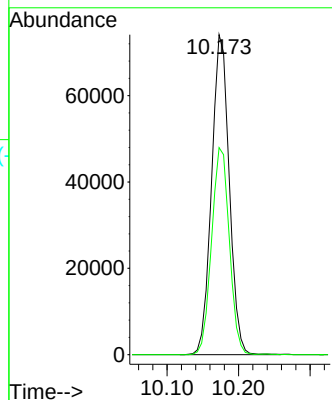
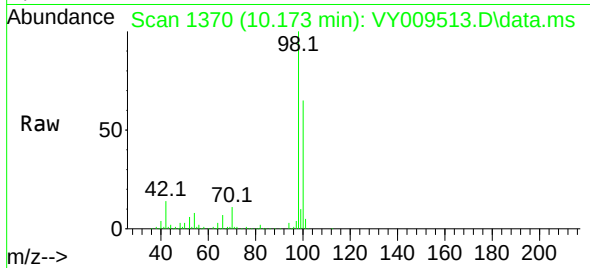




#50
Toluene-d8
Concen: 43.781 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

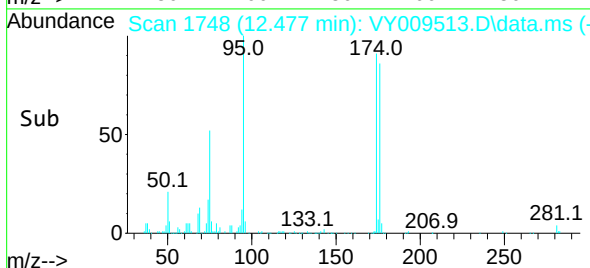
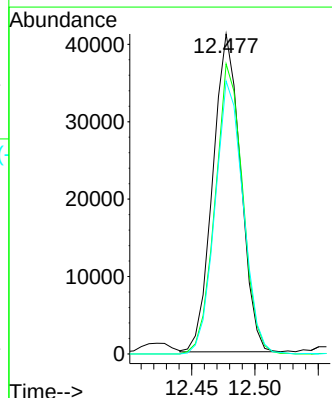
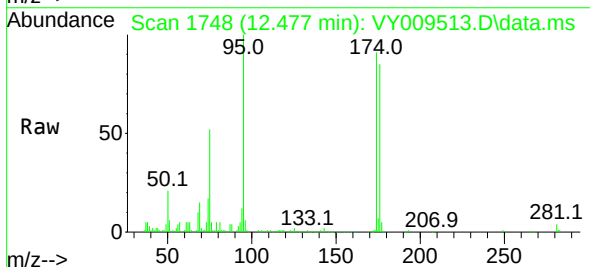
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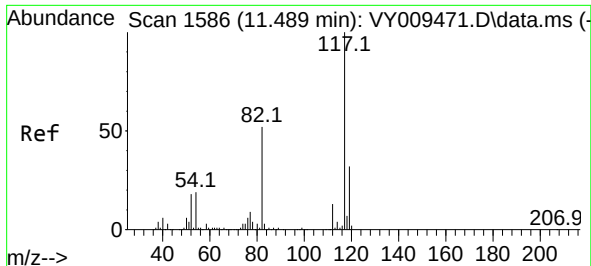
Tgt Ion: 98 Resp: 126880
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.997 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

Tgt Ion: 95 Resp: 62706
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 86.7 0.0 175.8

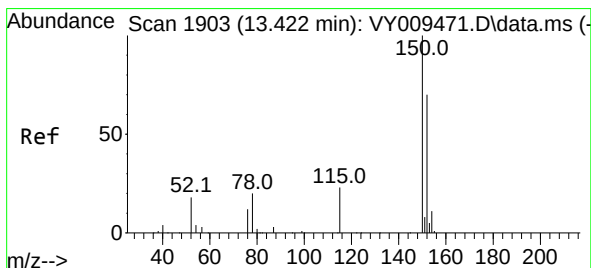
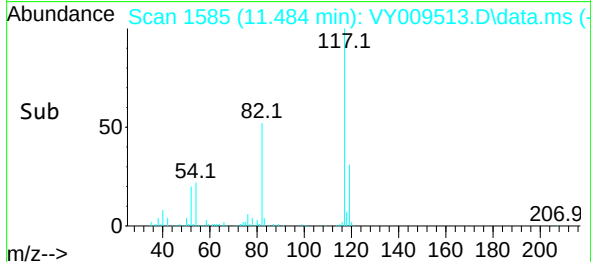
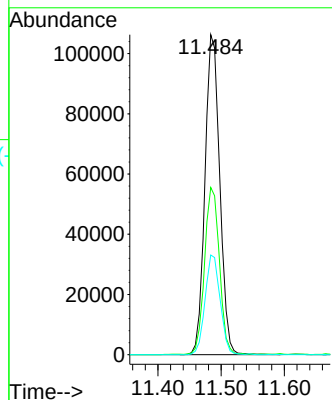
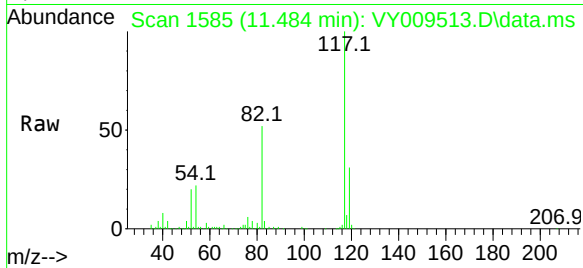




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY009513.D
Acq: 11 Jul 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 173269
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.2 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: VY009513.D
Acq: 11 Jul 2022 16:18

Tgt Ion:152 Resp: 74576
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 159.0 0.0 347.6

