

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009535.D
 Acq On : 12 Jul 2022 16:20
 Operator : KP/MD
 Sample : N3597-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220507-COMPOSITE-B

Quant Time: Jul 13 01:15:52 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)

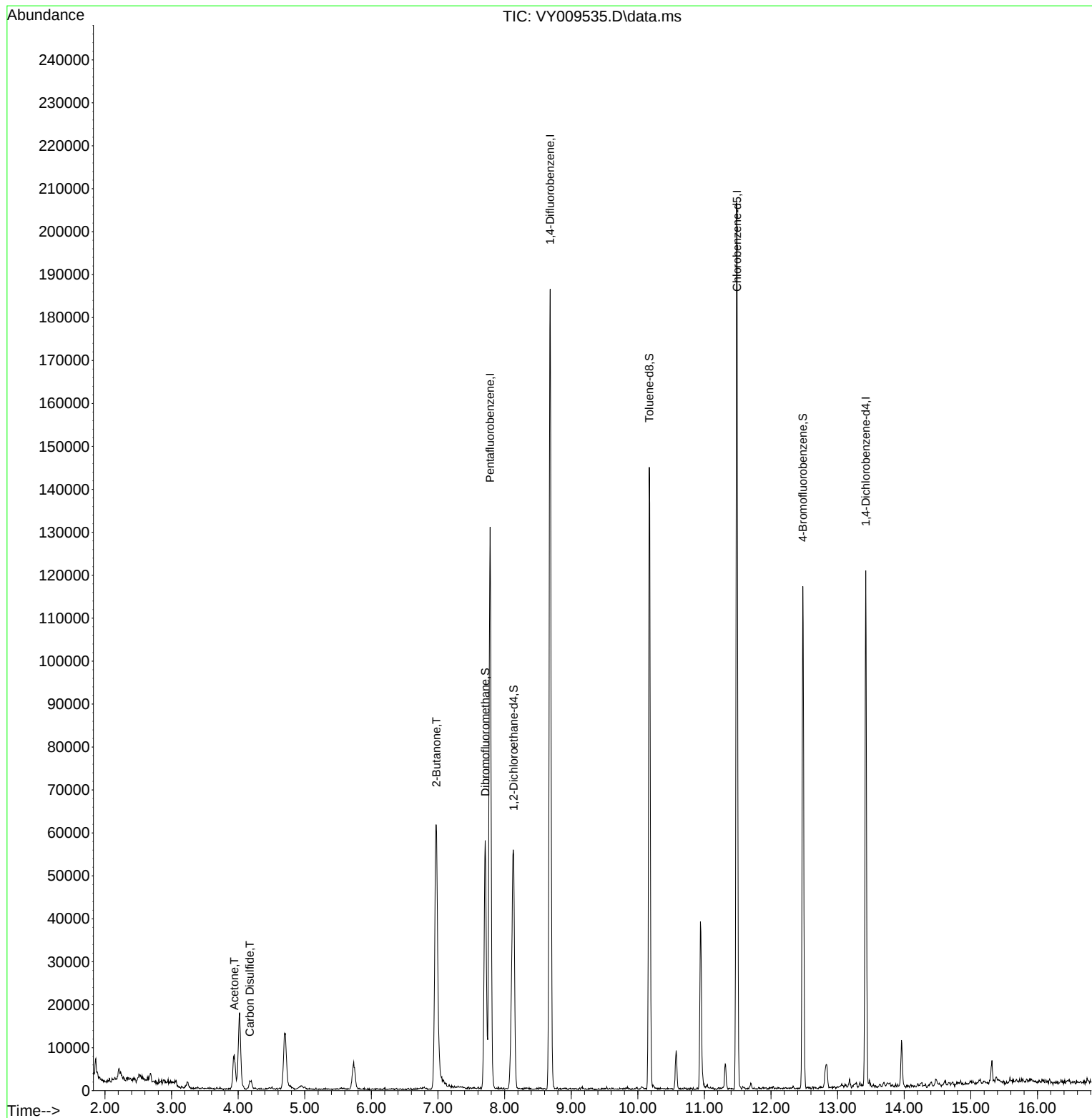
Internal Standards						
1) Pentafluorobenzene	7.783	168	101811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	157219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38171	53.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.400%
35) Dibromofluoromethane	7.710	113	39587	47.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.173	98	92278	38.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	77.760%#
62) 4-Bromofluorobenzene	12.477	95	31257	26.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	53.540%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	13790	55.679	ug/l #	88
17) Carbon Disulfide	4.174	76	2541	5.258	ug/l #	75
25) 2-Butanone	6.978	43	7419	18.517	ug/l	95

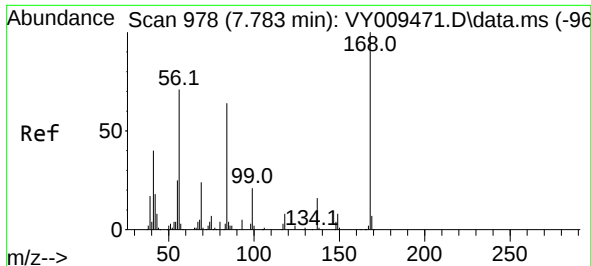
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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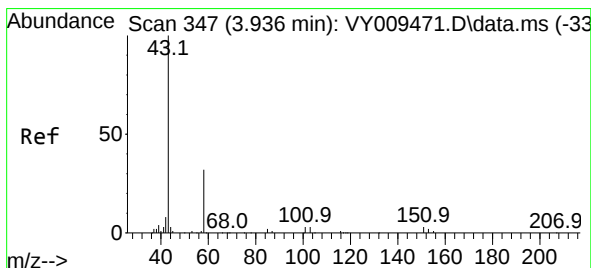
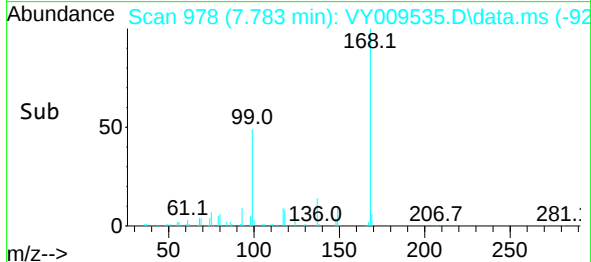
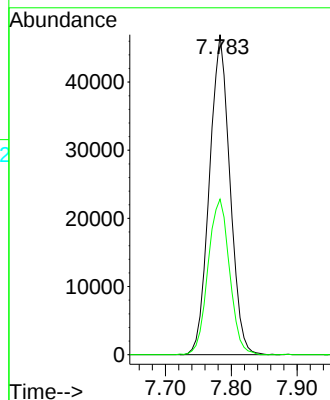
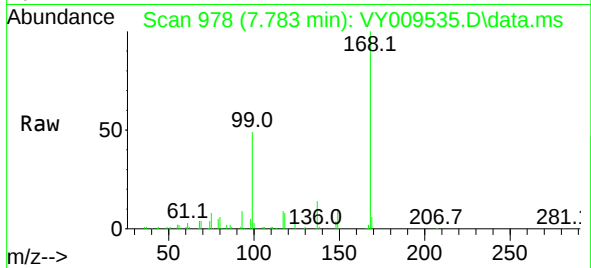




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

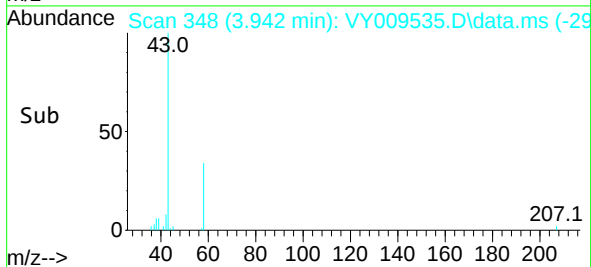
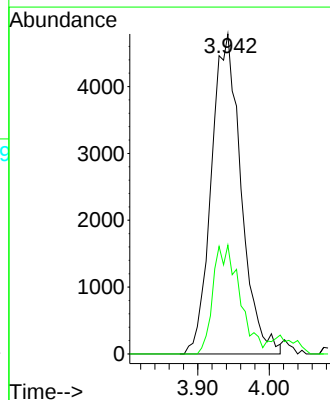
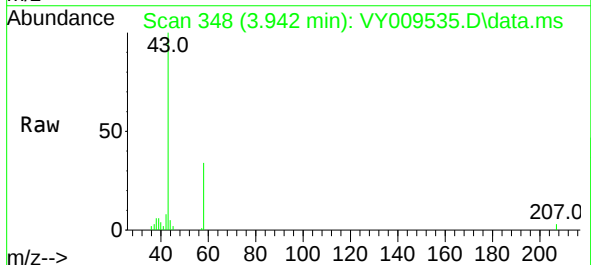
Instrument :
MSVOA_Y
ClientSampleId :
20220507-COMPOSITE-B

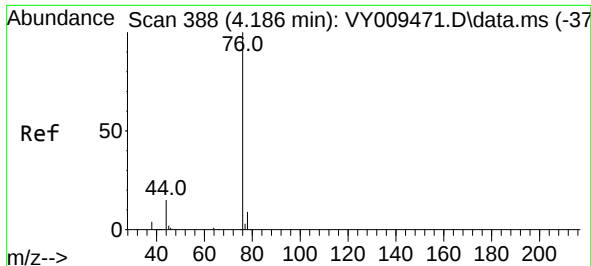
Tgt Ion:168 Resp: 101811
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#16
Acetone
Concen: 55.679 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

Tgt Ion: 43 Resp: 13790
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#

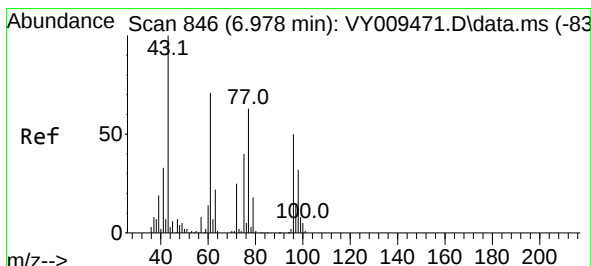
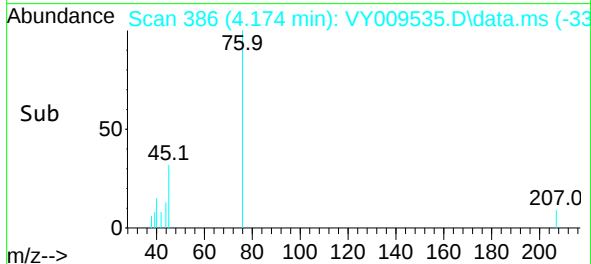
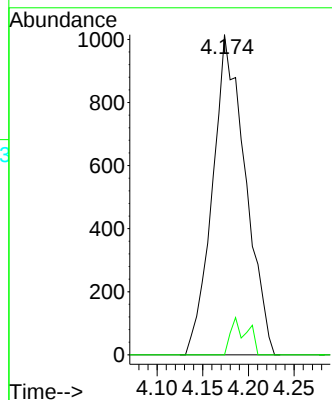
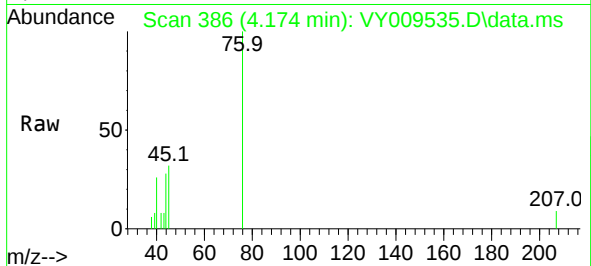




#17
Carbon Disulfide
Concen: 5.258 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

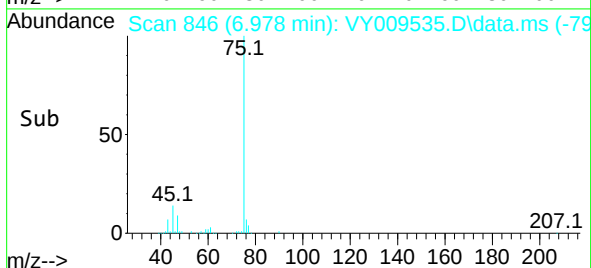
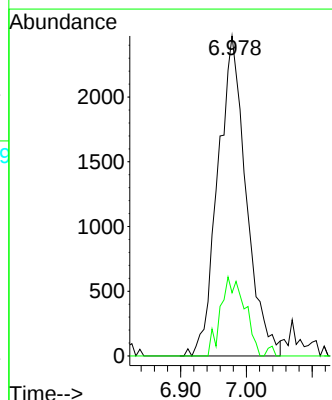
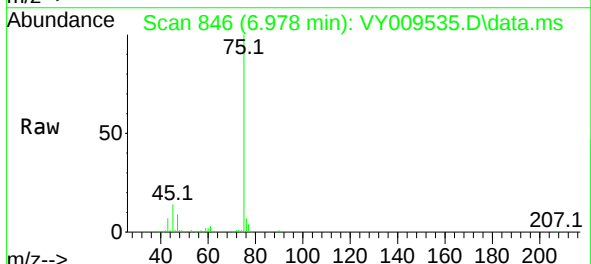
Instrument : MSVOA_Y
ClientSampleId : 20220507-COMPOSITE-B

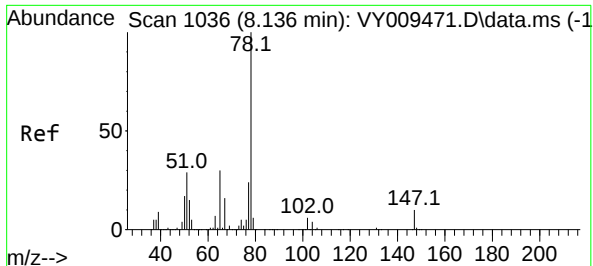
Tgt Ion: 76 Resp: 2541
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#25
2-Butanone
Concen: 18.517 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

Tgt Ion: 43 Resp: 7419
Ion Ratio Lower Upper
43 100
72 19.7 17.7 26.5

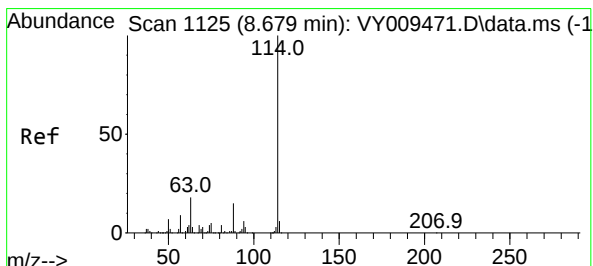
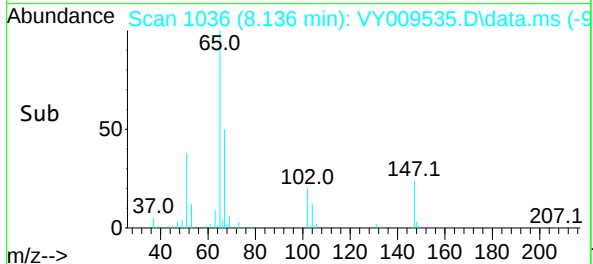
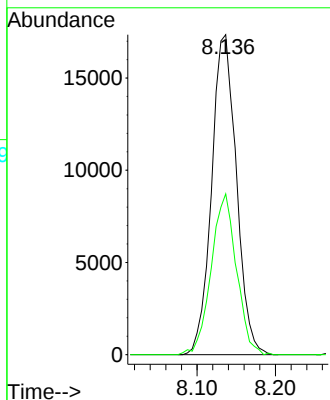
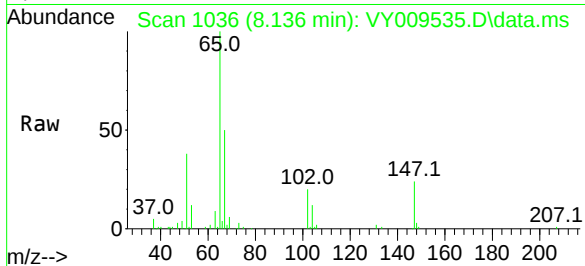




#33
1,2-Dichloroethane-d4
Concen: 53.704 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

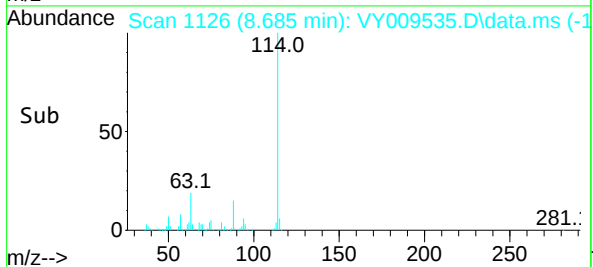
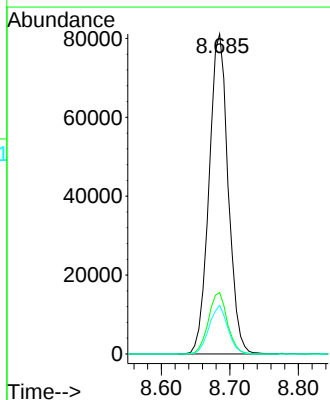
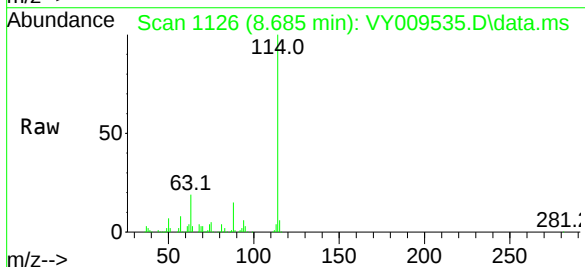
Instrument :
MSVOA_Y
ClientSampleId :
20220507-COMPOSITE-B

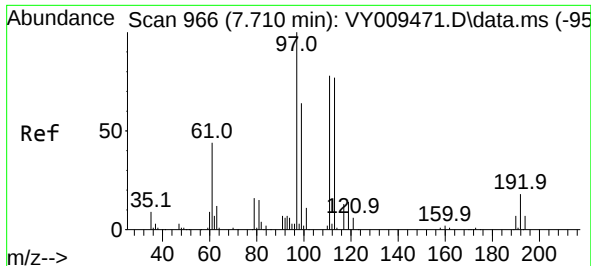
Tgt Ion: 65 Resp: 38171
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

Tgt Ion:114 Resp: 157219
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 15.2 0.0 31.8

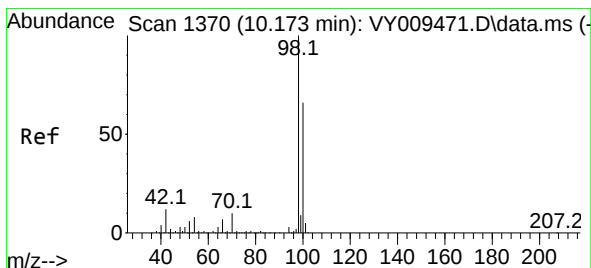
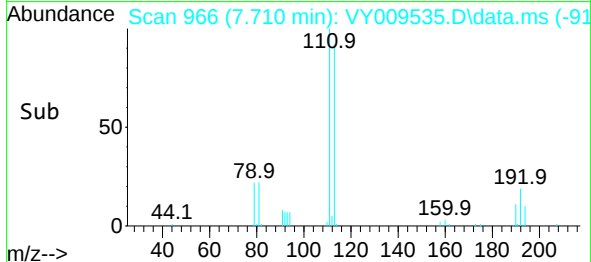
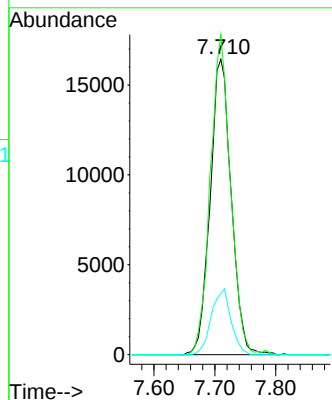
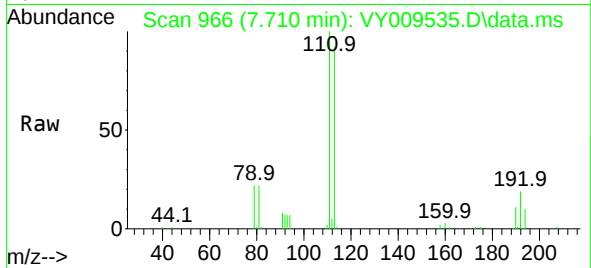




#35
Dibromofluoromethane
Concen: 47.854 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

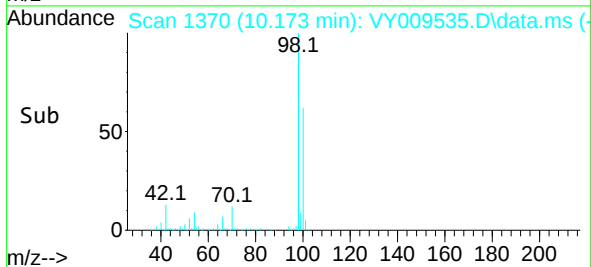
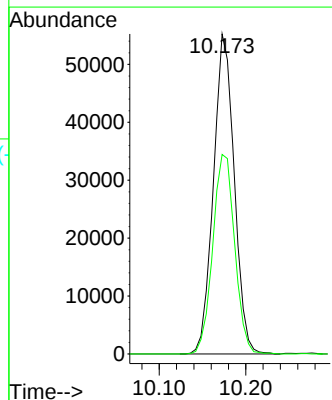
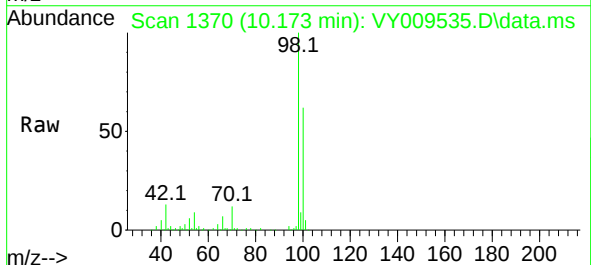
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20220507-COMPOSITE-B

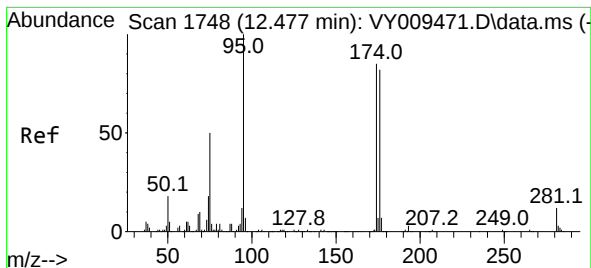
Tgt Ion:113 Resp: 39587
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 38.879 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009535.D
Acq: 12 Jul 2022 16:20

Tgt Ion: 98 Resp: 92278
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 26.768 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009535.D

Acq: 12 Jul 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

20220507-COMPOSITE-B

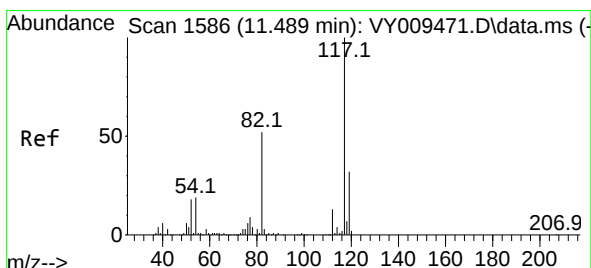
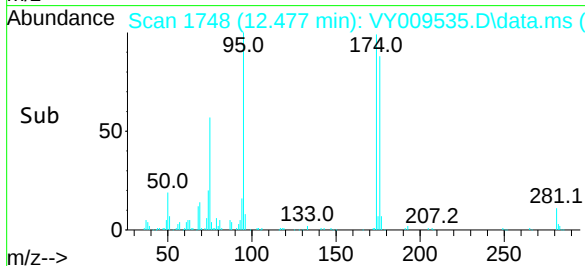
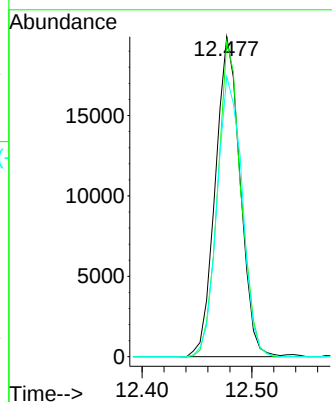
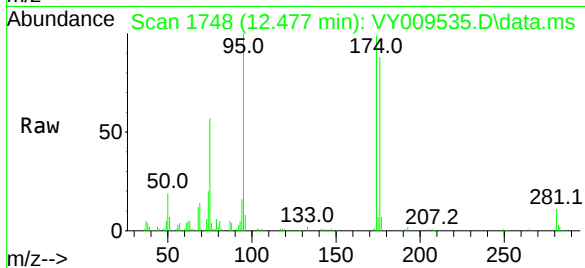
Tgt Ion: 95 Resp: 31257

Ion Ratio Lower Upper

95 100

174 92.6 0.0 177.0

176 88.7 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY009535.D

Acq: 12 Jul 2022 16:20

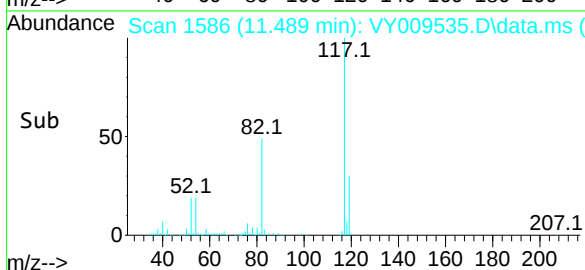
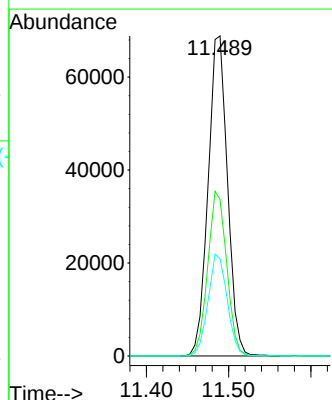
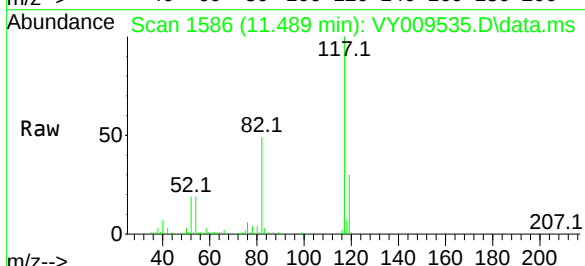
Tgt Ion: 117 Resp: 112538

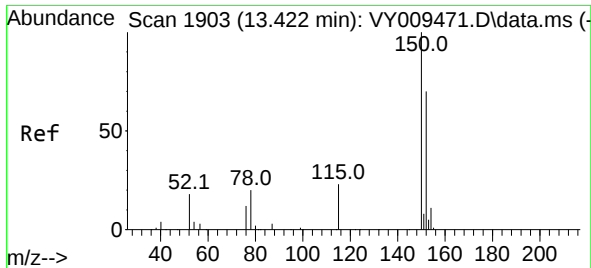
Ion Ratio Lower Upper

117 100

82 48.9 43.0 64.4

119 30.4 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: VY009535.D

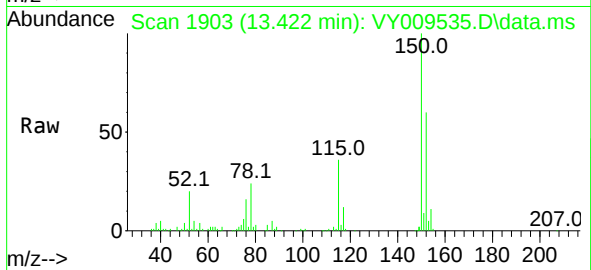
Acq: 12 Jul 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

20220507-COMPOSITE-B



Tgt Ion:152 Resp: 29832

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 159.3 0.0 347.6

