

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009514.D
 Acq On : 11 Jul 2022 16:41
 Operator : KP/MD
 Sample : N3622-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220498A-SIM-C4A-COMPOSITE

Quant Time: Jul 12 05:04:00 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)

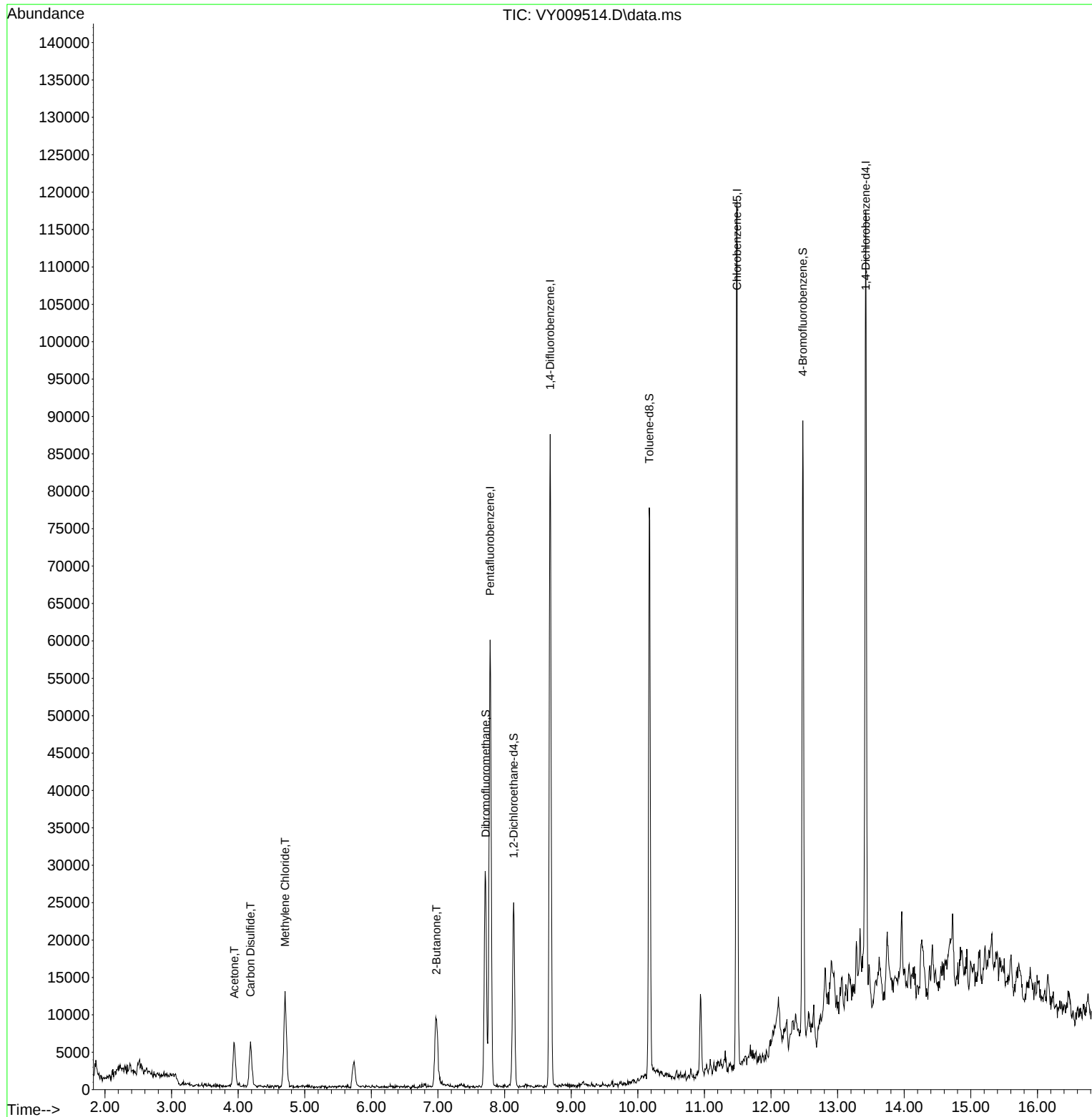
Internal Standards						
1) Pentafluorobenzene	7.783	168	47313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	73057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18617	56.732	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.460%			
35) Dibromofluoromethane	7.716	113	19788	51.477	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.960%			
50) Toluene-d8	10.172	98	50414	47.414	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 94.820%			
62) 4-Bromofluorobenzene	12.477	95	23175	42.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 85.420%			
Target Compounds						
16) Acetone	3.942	43	10035	87.188	ug/l	100
17) Carbon Disulfide	4.186	76	10689	11.997	ug/l	97
20) Methylene Chloride	4.704	84	8985	12.989	ug/l	89
25) 2-Butanone	6.978	43	3482	18.701	ug/l	99

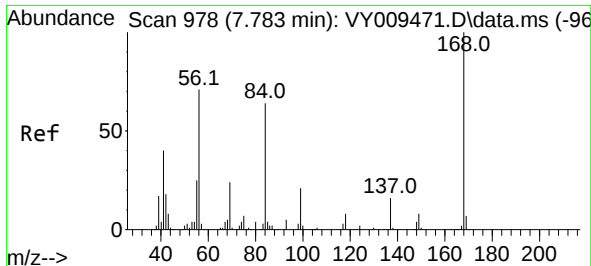
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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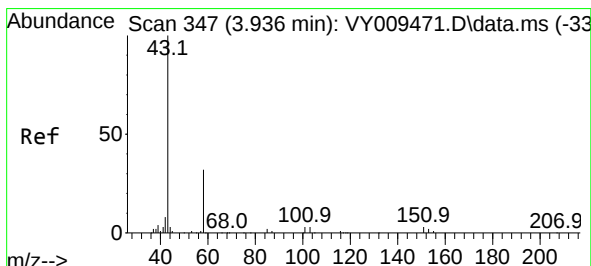
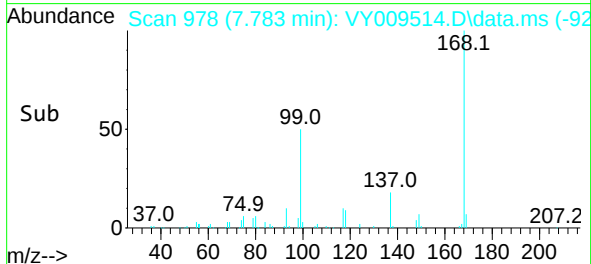
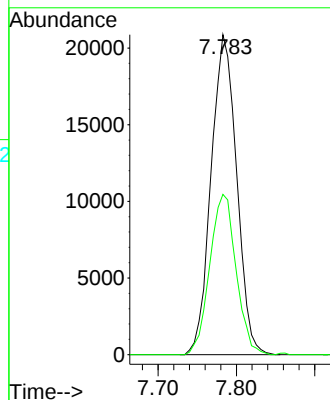
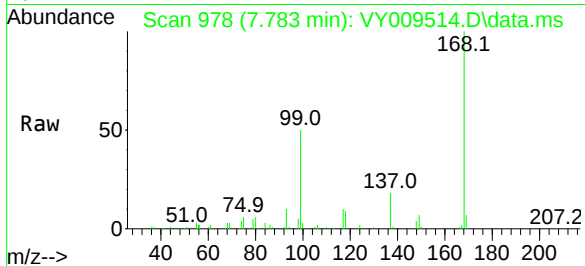




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

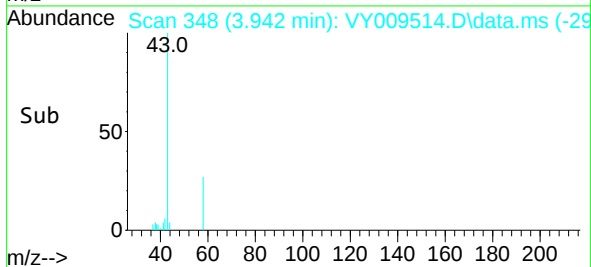
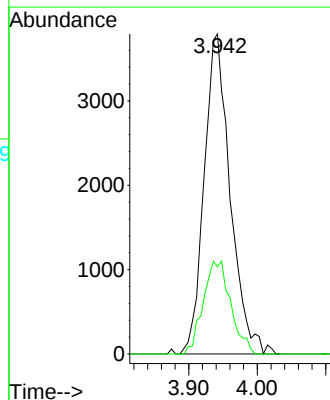
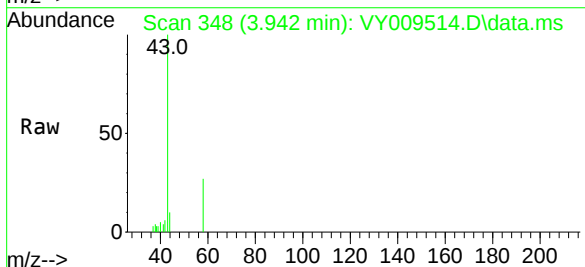
Instrument :
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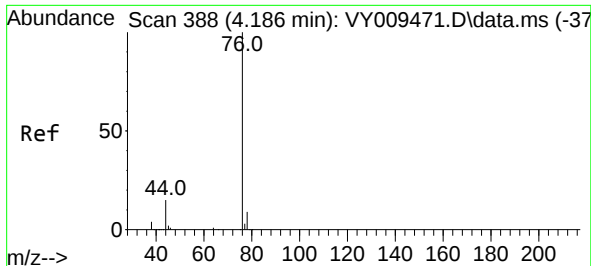
Tgt Ion:168 Resp: 47313
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#16
Acetone
Concen: 87.188 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 43 Resp: 10035
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0

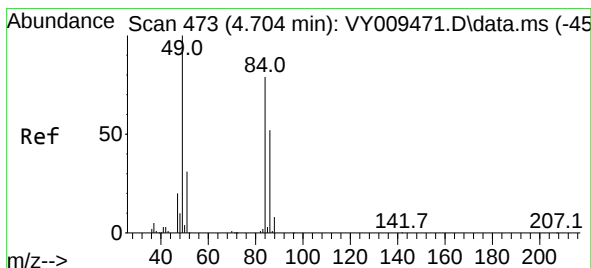
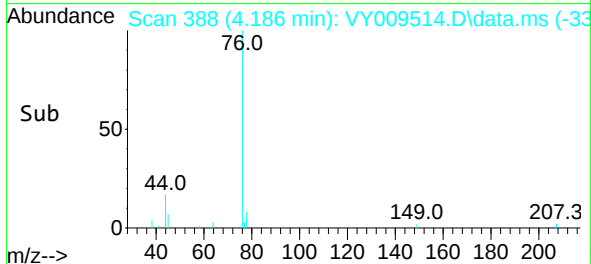
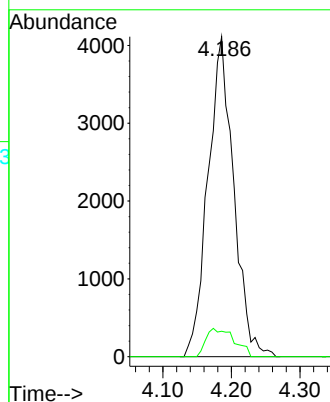
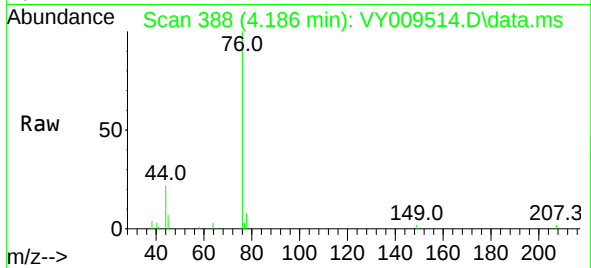




#17
Carbon Disulfide
Concen: 11.997 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

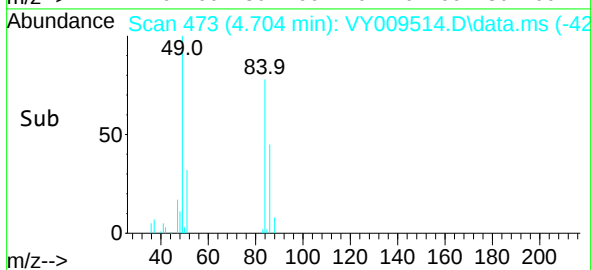
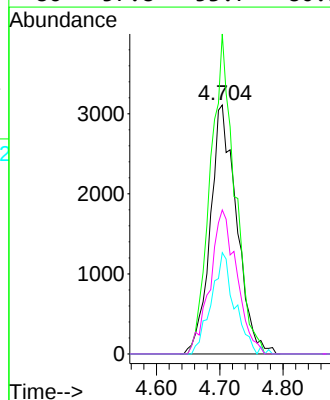
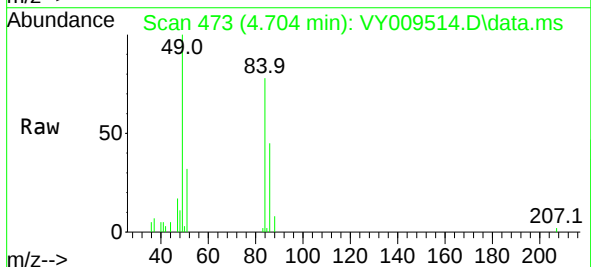
Instrument : MSVOA_Y
ClientSampleId : 20220498A-SIM-C4A-COMPOSITE

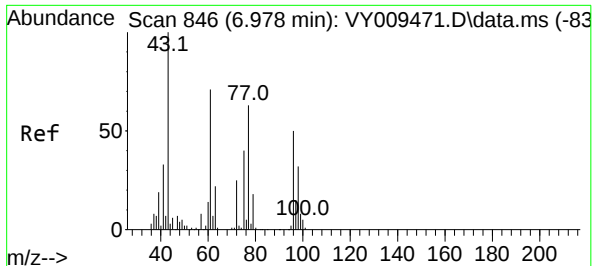
Tgt Ion: 76 Resp: 10689
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#20
Methylene Chloride
Concen: 12.989 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 84 Resp: 8985
Ion Ratio Lower Upper
84 100
49 128.5 114.4 171.6
51 40.7 35.3 52.9
86 57.8 53.7 80.5

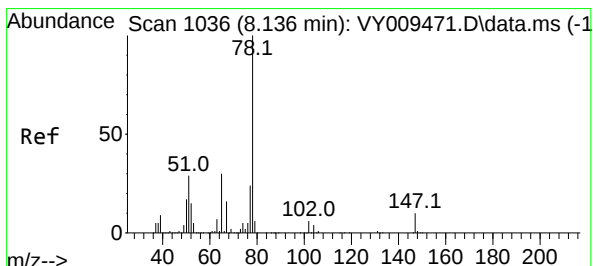
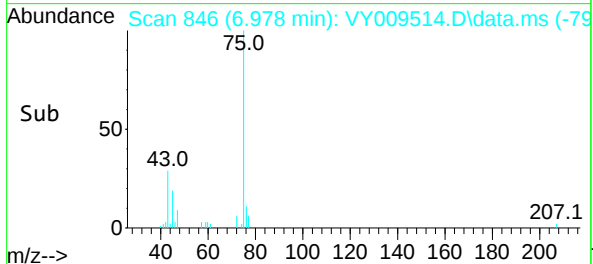
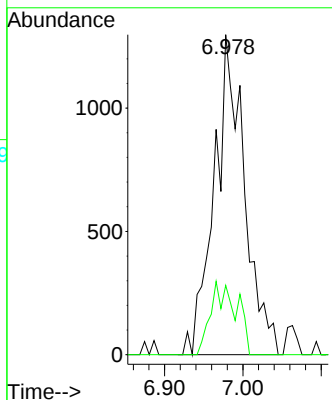
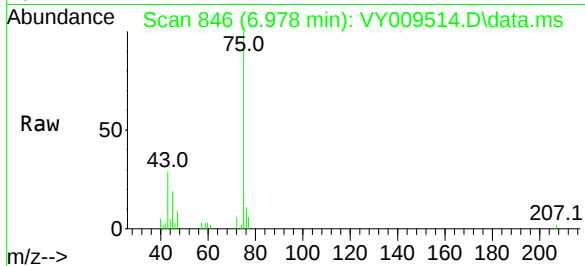




#25
2-Butanone
Concen: 18.701 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

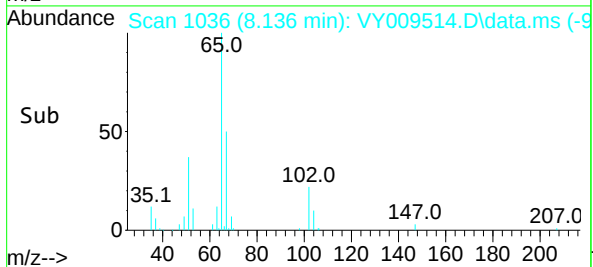
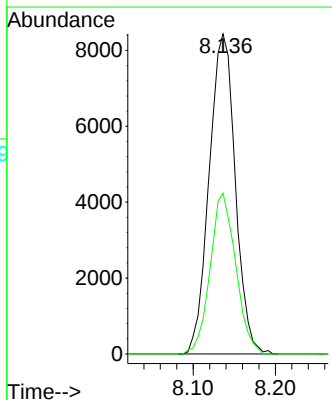
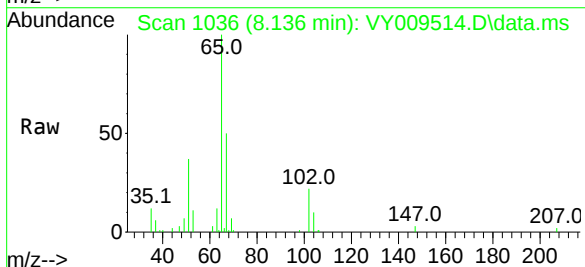
Instrument : MSVOA_Y
ClientSampleId : 20220498A-SIM-C4A-COMPOSITE

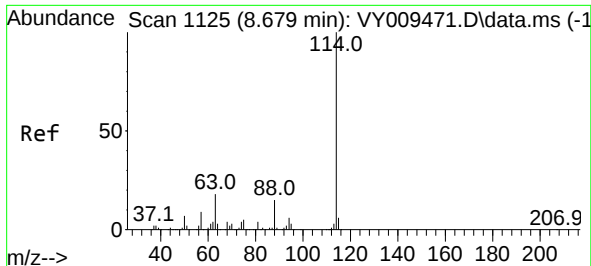
Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
72 21.6 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 56.732 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 65 Resp: 18617
Ion Ratio Lower Upper
65 100
67 49.2 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: VY009514.D

Acq: 11 Jul 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

20220498A-SIM-C4A-COMPOSITE

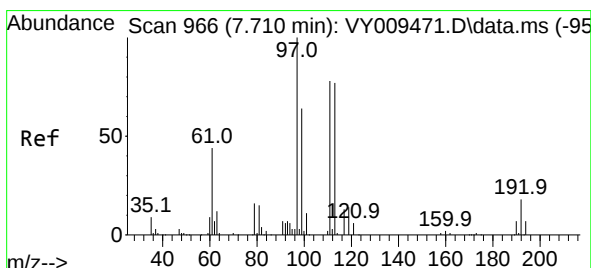
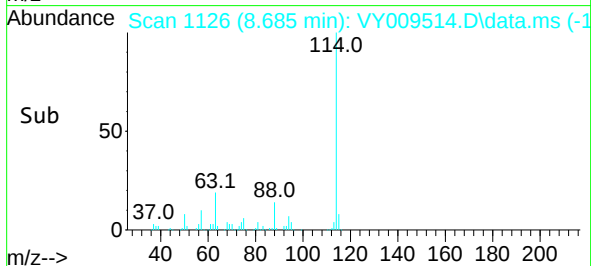
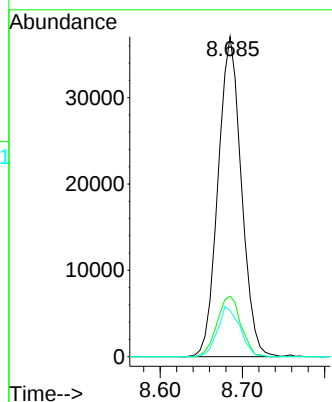
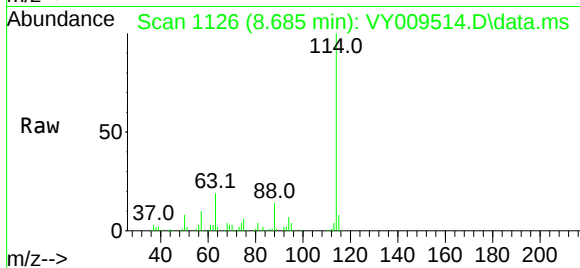
Tgt Ion:114 Resp: 73057

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.477 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009514.D

Acq: 11 Jul 2022 16:41

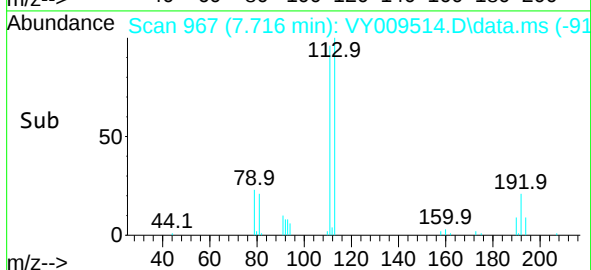
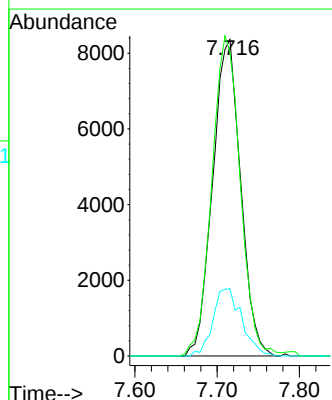
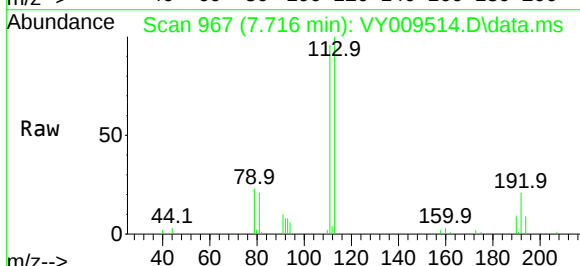
Tgt Ion:113 Resp: 19788

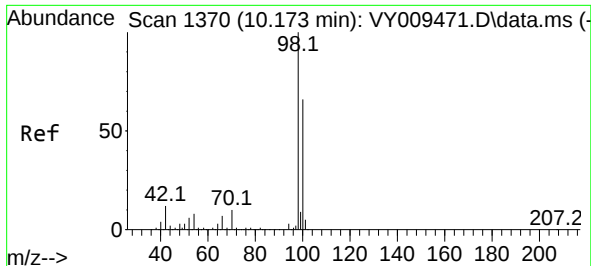
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.8 17.6 26.4

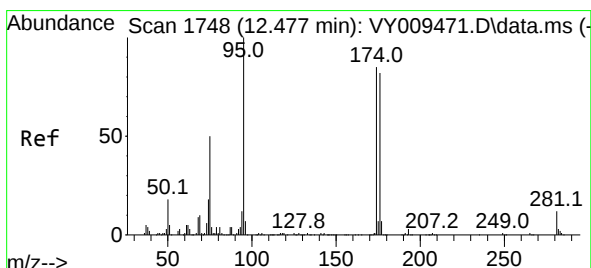
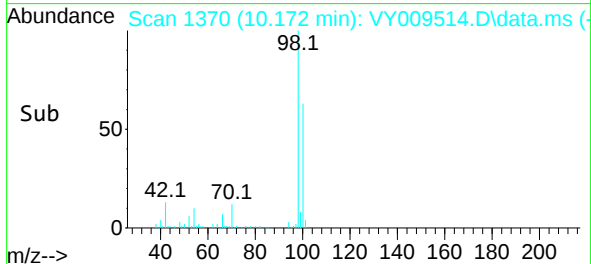
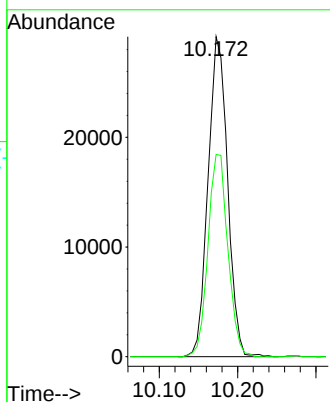
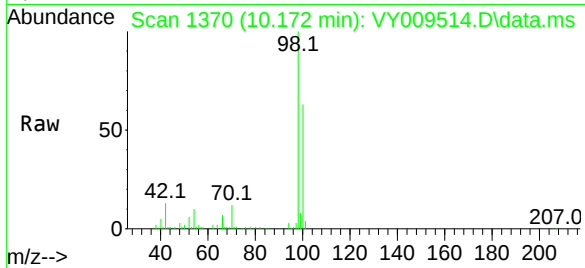




#50
Toluene-d8
Concen: 47.414 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

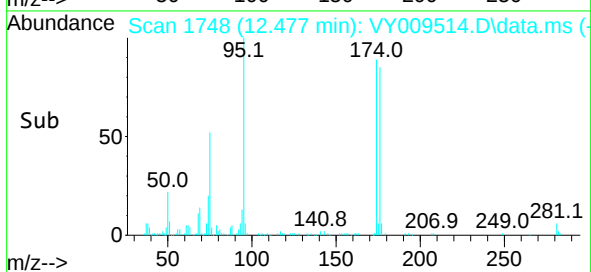
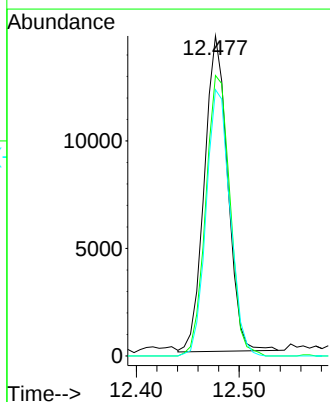
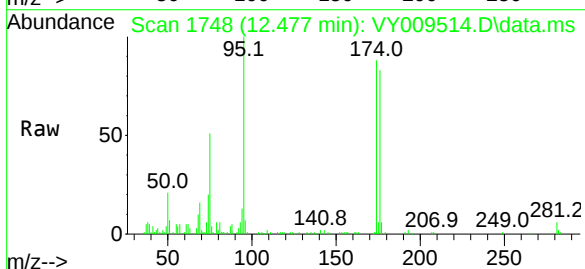
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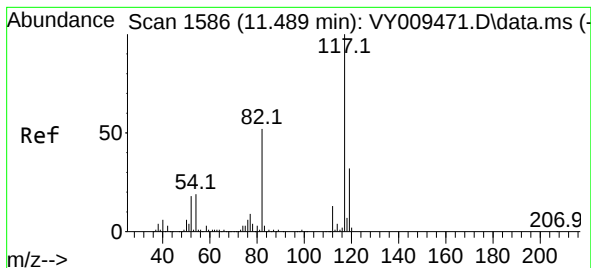
Tgt Ion: 98 Resp: 50414
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.710 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009514.D
Acq: 11 Jul 2022 16:41

Tgt Ion: 95 Resp: 23175
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 86.5 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: VY009514.D

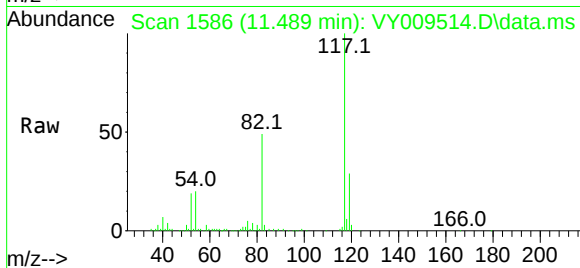
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Instrument :

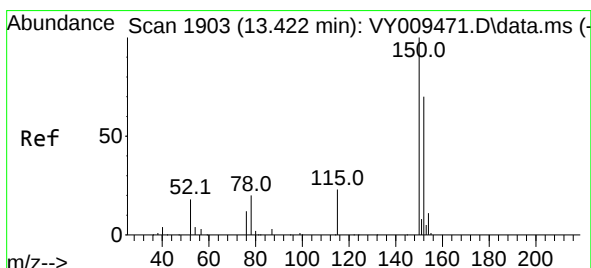
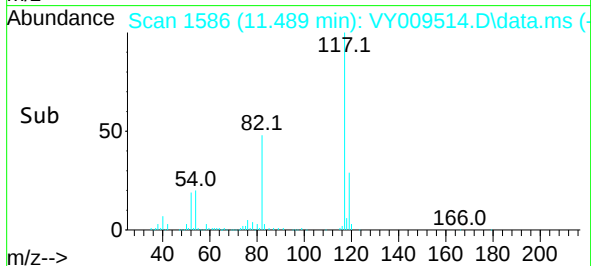
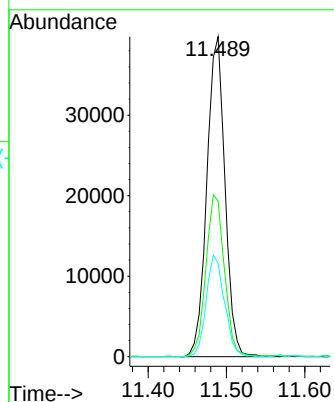
MSVOA_Y

ClientSampleId :

20220498A-SIM-C4A-COMPOSITE



Tgt Ion:	117	Resp:	63756
Ion Ratio	Lower	Upper	
117	100		
82	48.7	43.0	64.4
119	29.2	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: VY009514.D

Acq: 11 Jul 2022 16:41

Tgt Ion:	152	Resp:	26488
Ion Ratio	Lower	Upper	
152	100		
115	55.0	28.2	84.7
150	151.2	0.0	347.6

