

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009512.D
 Acq On : 11 Jul 2022 15:56
 Operator : KP/MD
 Sample : N3622-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220496A-SIM-C2A-COMPOSITE

Quant Time: Jul 12 05:03:43 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)

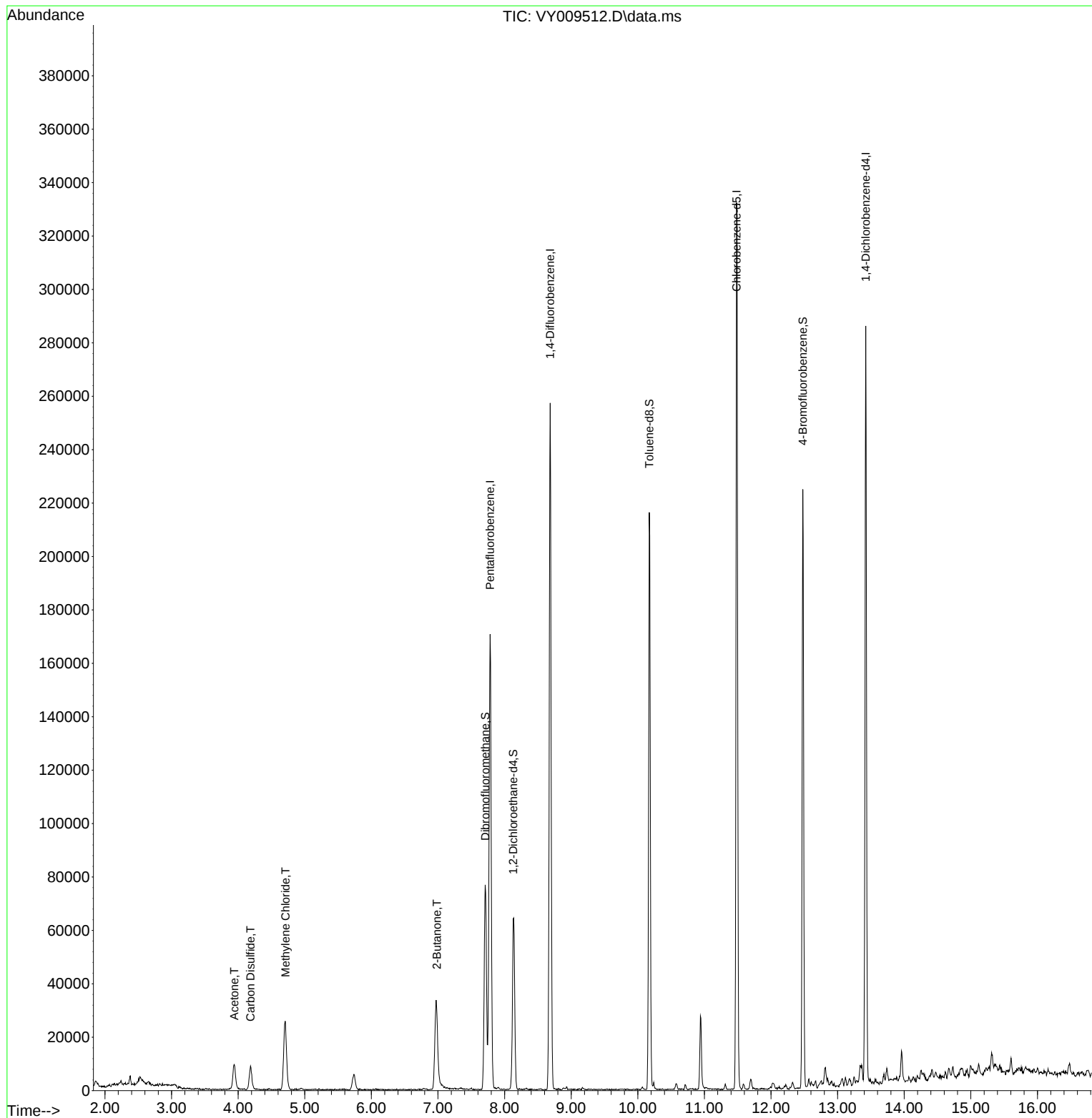
Internal Standards						
1) Pentafluorobenzene	7.783	168	135355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	183521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49883	52.663	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.320%
35) Dibromofluoromethane	7.709	113	54260	47.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.172	98	141359	44.419	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.477	95	63490	39.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.080%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	17009	51.656	ug/l #	85
17) Carbon Disulfide	4.186	76	14713	8.066	ug/l	99
20) Methylene Chloride	4.710	84	18794	8.094	ug/l #	82
25) 2-Butanone	6.984	43	5672	10.649	ug/l	94

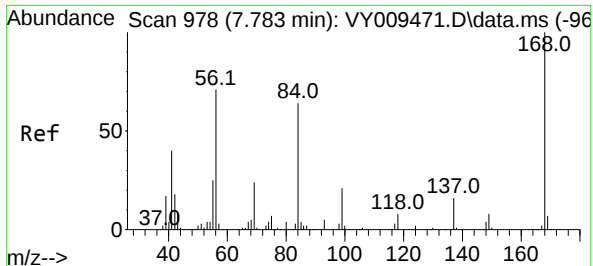
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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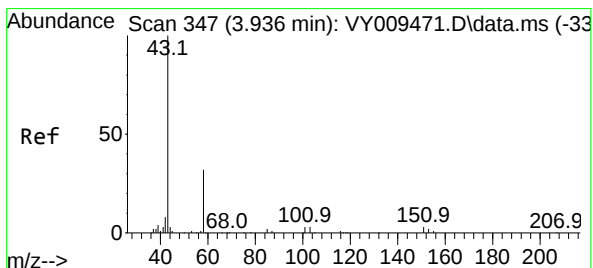
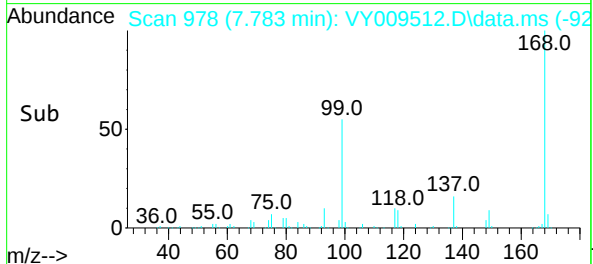
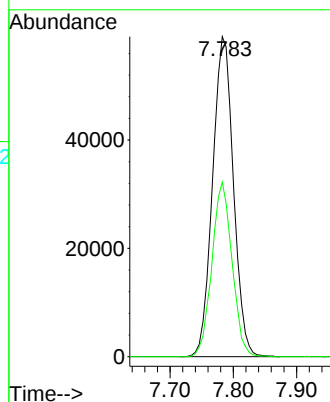
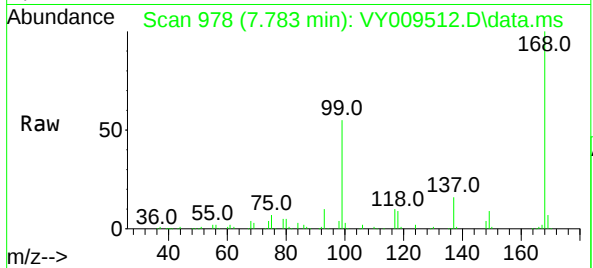




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

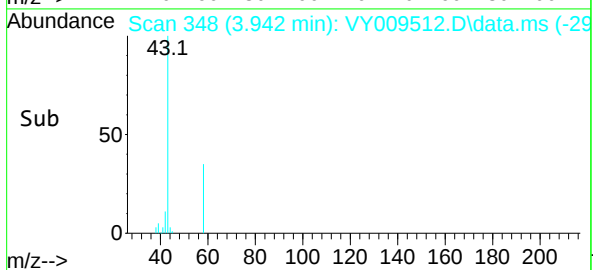
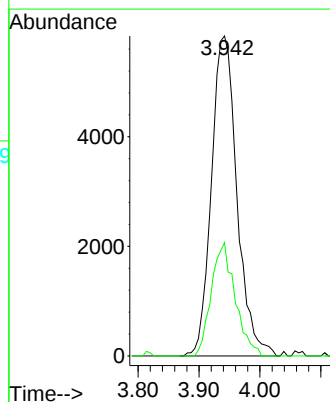
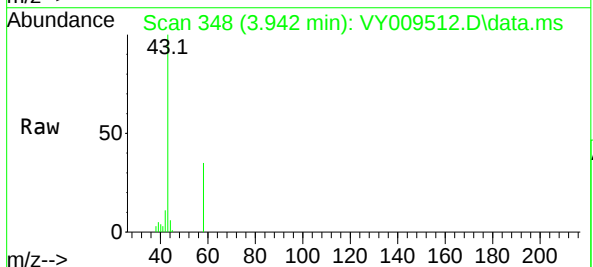
Instrument :
MSVOA_Y
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

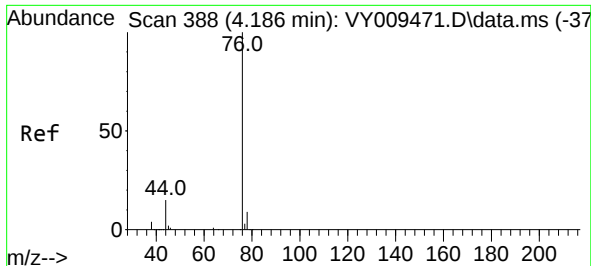
Tgt Ion:168 Resp: 135355
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 51.656 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 43 Resp: 17009
Ion Ratio Lower Upper
43 100
58 35.4 22.0 33.0#

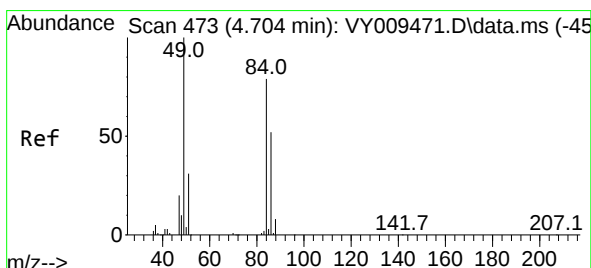
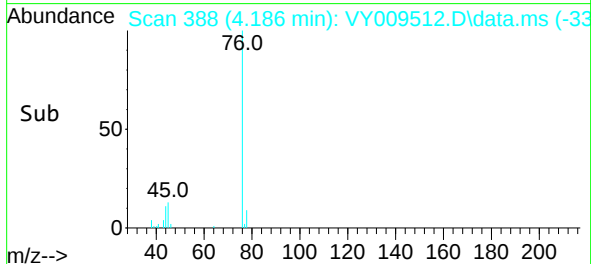
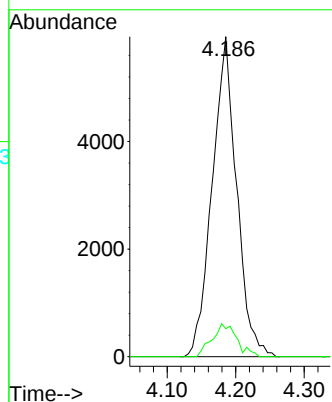
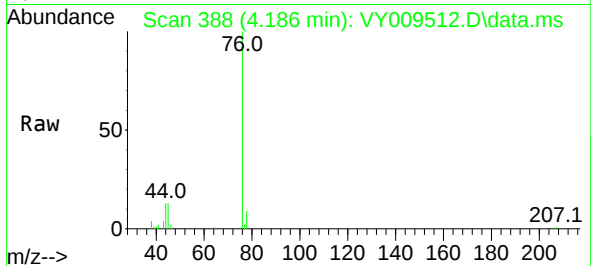




#17
Carbon Disulfide
Concen: 8.066 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

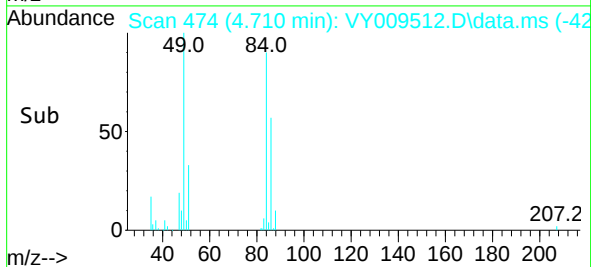
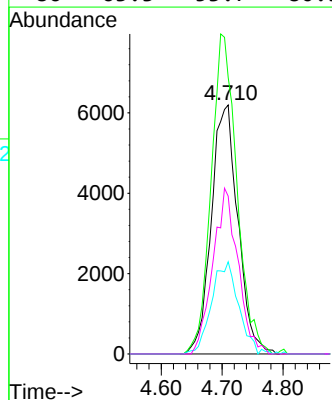
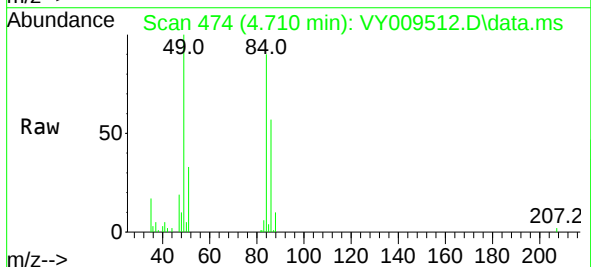
Instrument : MSVOA_Y
ClientSampleId : 20220496A-SIM-C2A-COMPOSITE

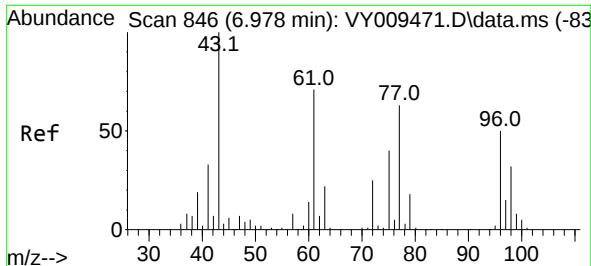
Tgt Ion: 76 Resp: 14713
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#20
Methylene Chloride
Concen: 8.094 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 84 Resp: 18794
Ion Ratio Lower Upper
84 100
49 111.0 114.4 171.6#
51 37.0 35.3 52.9
86 63.3 53.7 80.5

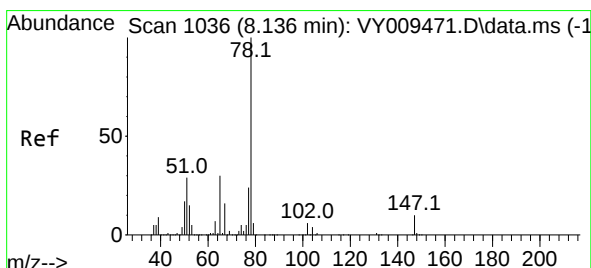
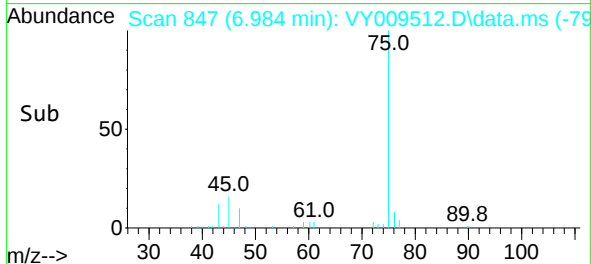
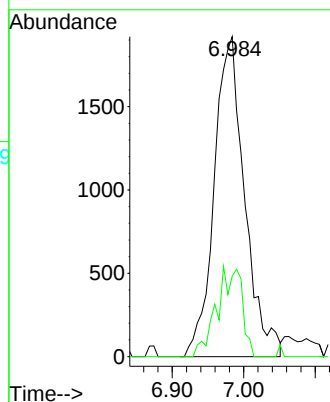
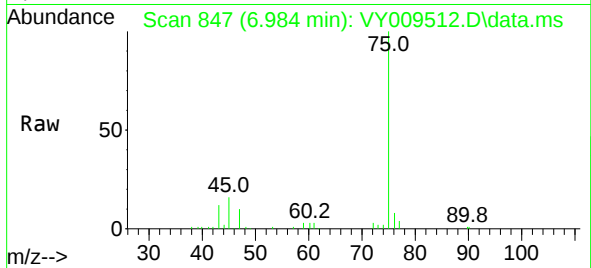




#25
2-Butanone
Concen: 10.649 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

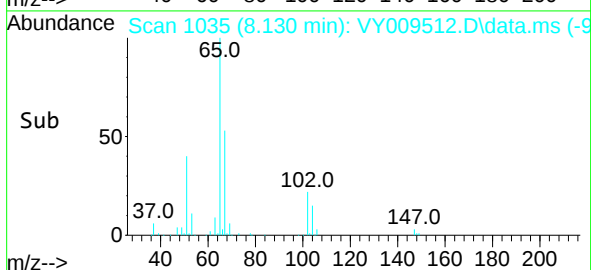
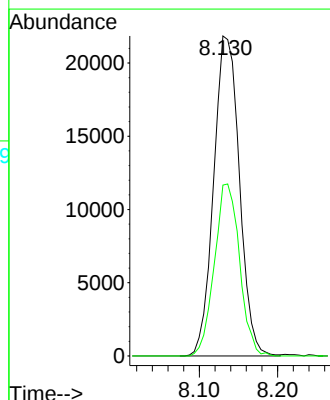
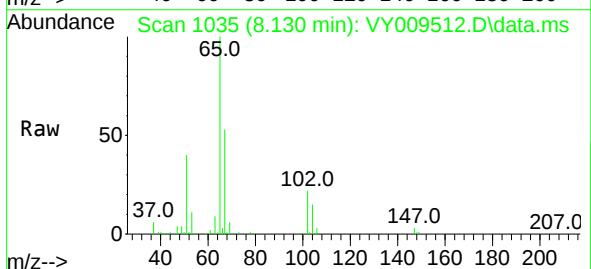
Instrument :
MSVOA_Y
ClientSampleId :
20220496A-SIM-C2A-COMPOSITE

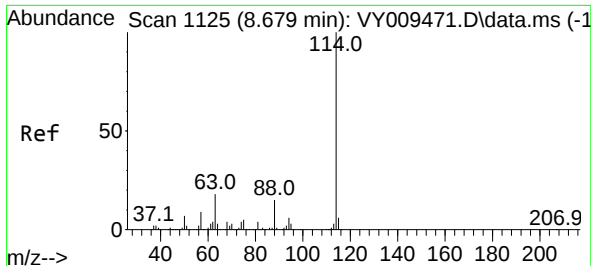
Tgt Ion: 43 Resp: 5672
Ion Ratio Lower Upper
43 100
72 25.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 52.663 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion: 65 Resp: 49883
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

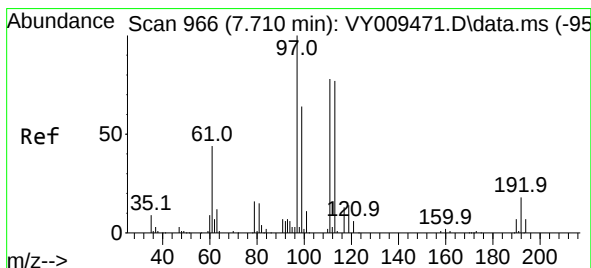
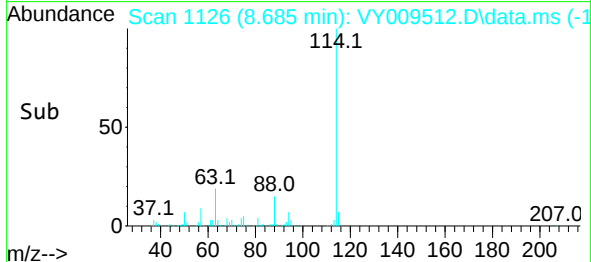
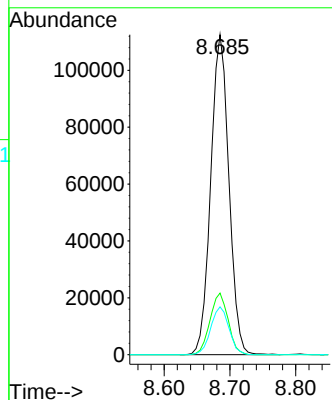
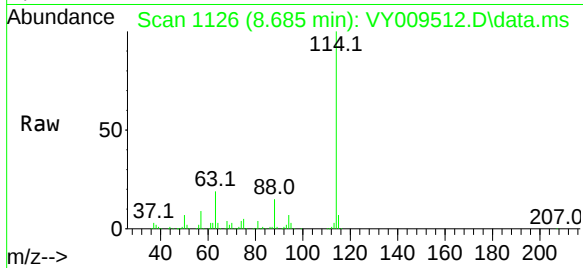




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

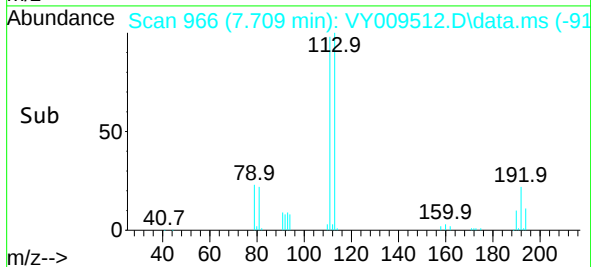
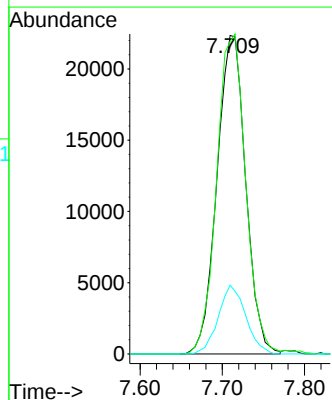
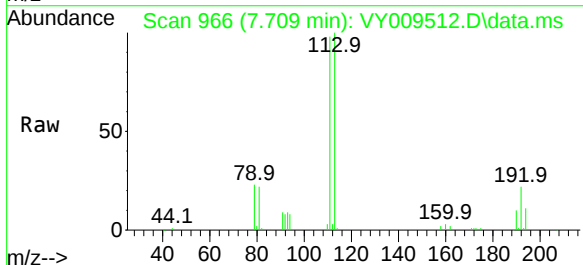
Instrument : MSVOA_Y
ClientSampleId : 20220496A-SIM-C2A-COMPOSITE

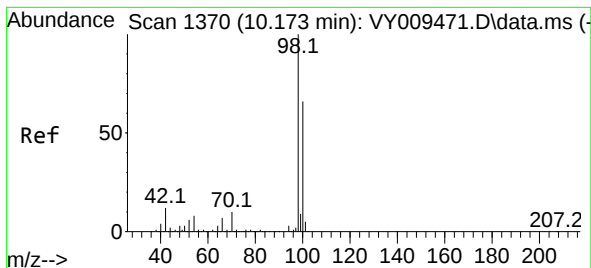
Tgt Ion:114 Resp: 216183
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.702 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion:113 Resp: 54260
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.6 17.6 26.4





#50

Toluene-d8

Concen: 44.419 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY009512.D

Acq: 11 Jul 2022 15:56

Instrument :

MSVOA_Y

ClientSampleId :

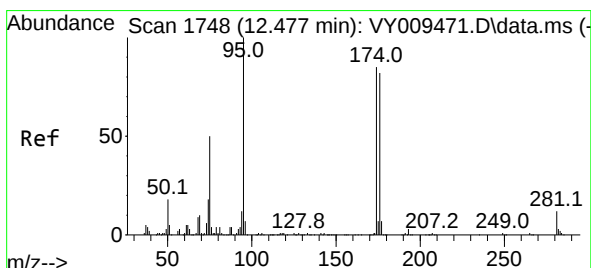
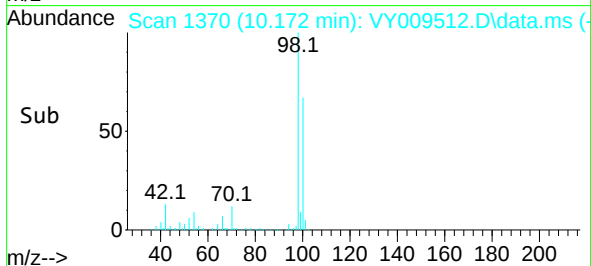
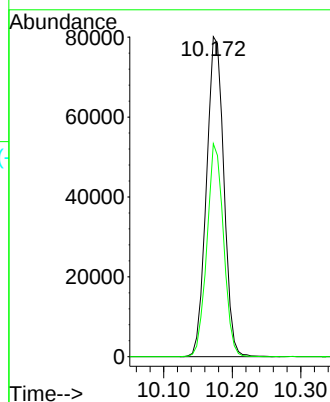
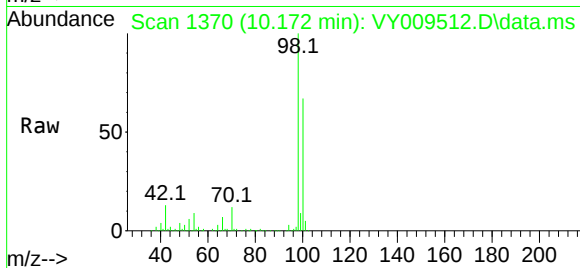
20220496A-SIM-C2A-COMPOSITE

Tgt Ion: 98 Resp: 141359

Ion Ratio Lower Upper

98 100

100 63.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 39.541 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009512.D

Acq: 11 Jul 2022 15:56

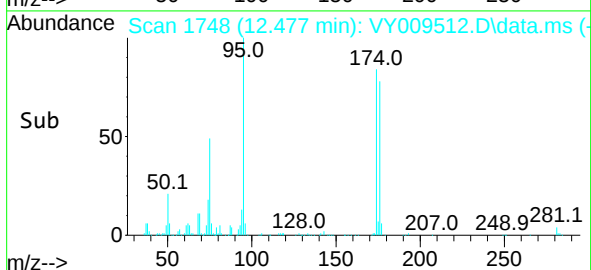
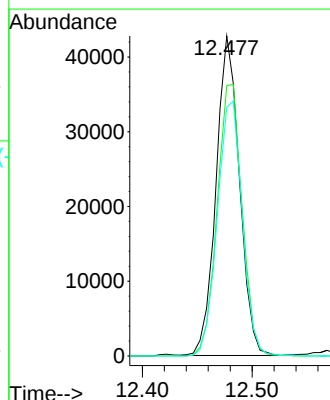
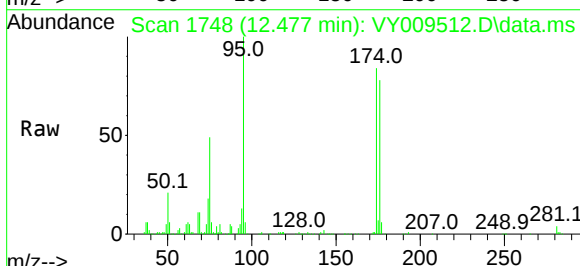
Tgt Ion: 95 Resp: 63490

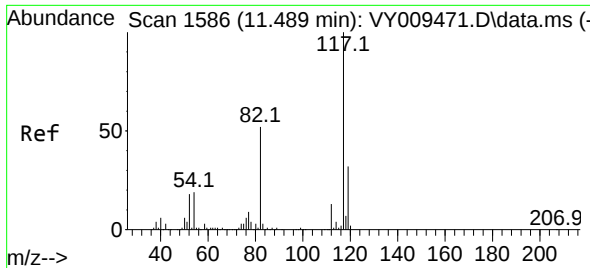
Ion Ratio Lower Upper

95 100

174 90.6 0.0 177.0

176 84.9 0.0 175.8

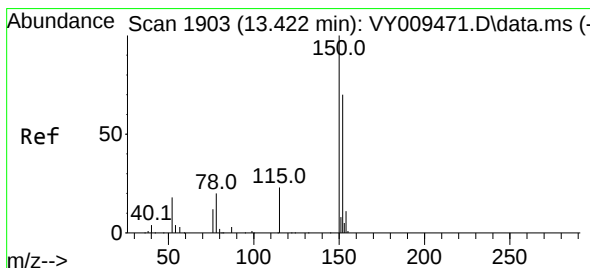
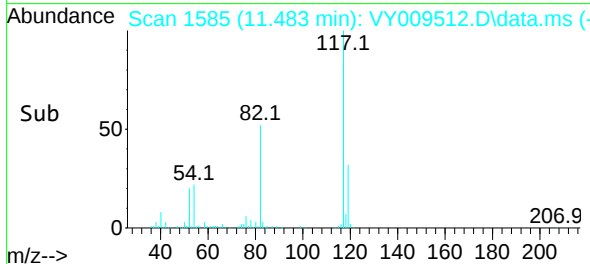
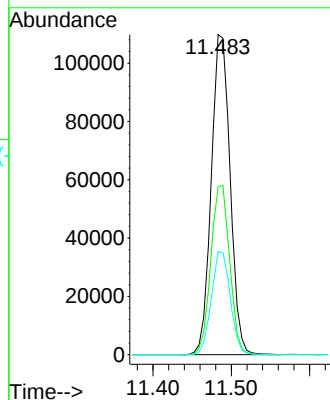
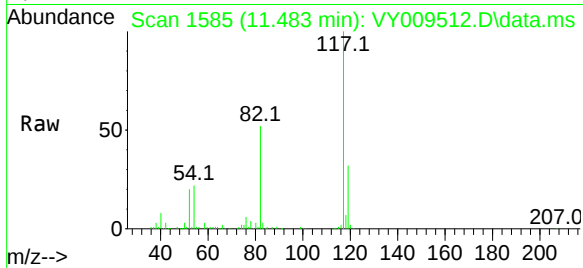




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009512.D
Acq: 11 Jul 2022 15:56

Instrument :
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Tgt Ion:	117	Resp:	183521
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.4
119	32.2	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: VY009512.D
Acq: 11 Jul 2022 15:56

Tgt Ion:	152	Resp:	69546
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	162.0	0.0	347.6

