

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009131.D
 Acq On : 02 Jun 2022 16:47
 Operator : KP/MD
 Sample : N3143-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220416-COMPOSITE-E

Quant Time: Jun 03 03:13:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

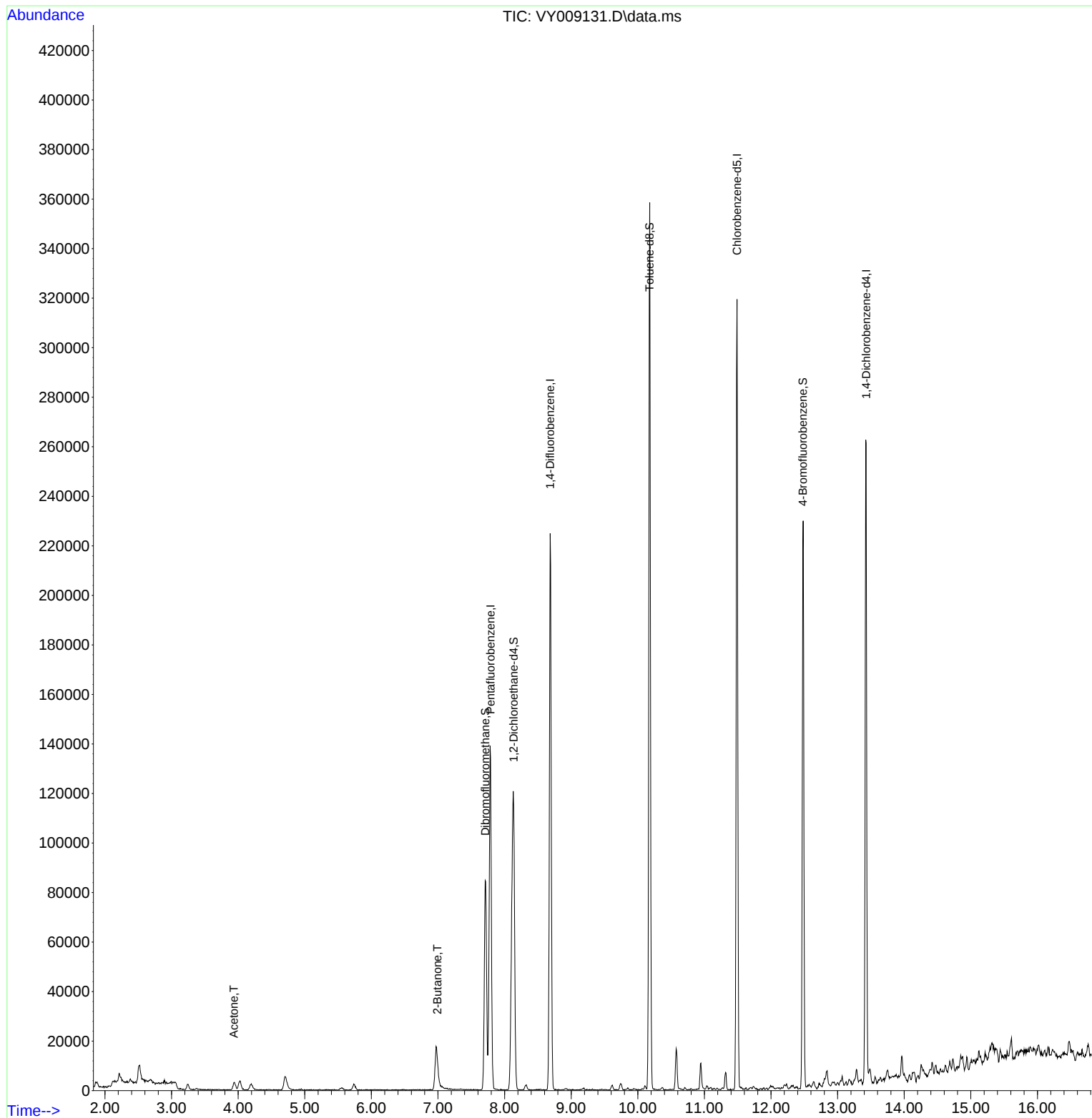
Internal Standards						
1) Pentafluorobenzene	7.789	168	104565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65838	61.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.360%	
35) Dibromofluoromethane	7.710	113	57776	50.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.740%	
50) Toluene-d8	10.179	98	220672	52.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.477	95	58972	34.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.100%	
Target Compounds						Qvalue
16) Acetone	3.936	43	5384	24.034	ug/l	99
25) 2-Butanone	6.990	43	2719	6.796	ug/l #	86

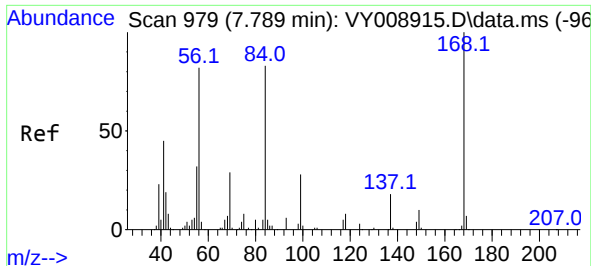
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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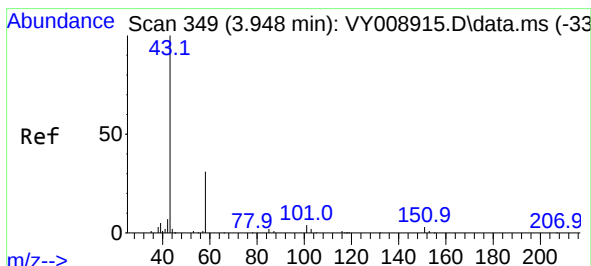
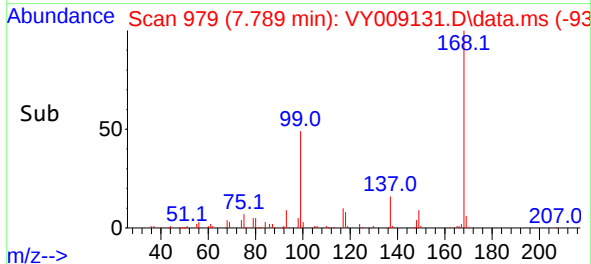
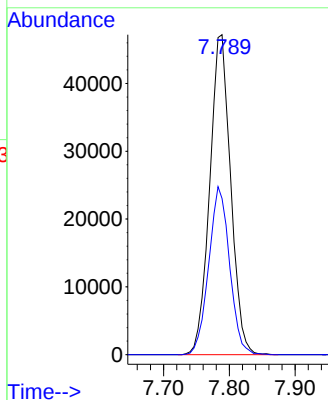
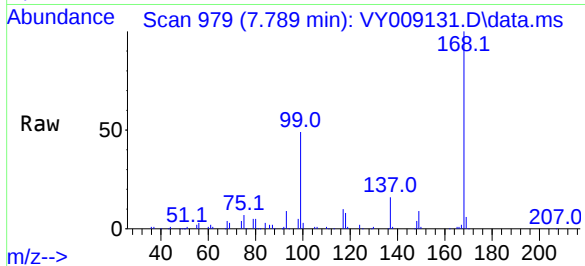




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

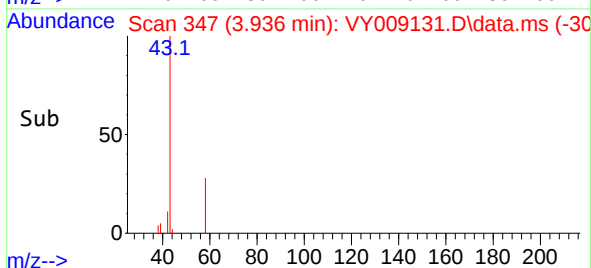
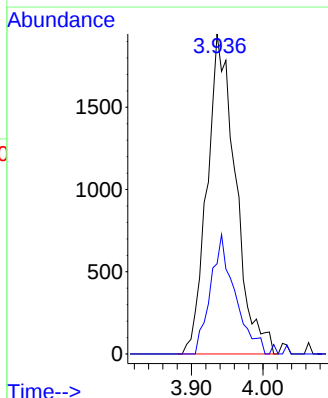
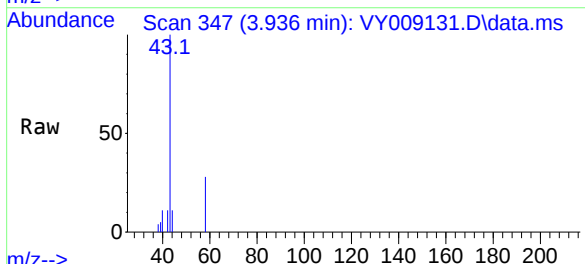
Instrument :
MSVOA_Y
ClientSampleId :
20220416-COMPOSITE-E

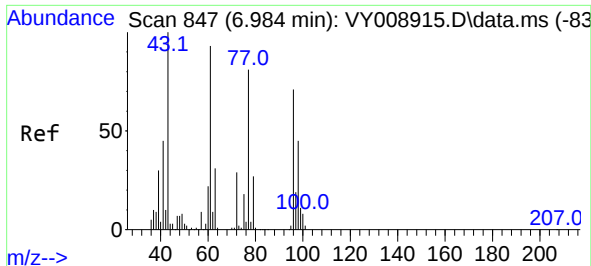
Tgt Ion:168 Resp: 104565
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#16
Acetone
Concen: 24.034 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 43 Resp: 5384
Ion Ratio Lower Upper
43 100
58 28.2 22.0 33.0





#25

2-Butanone

Concen: 6.796 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009131.D

Acq: 02 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

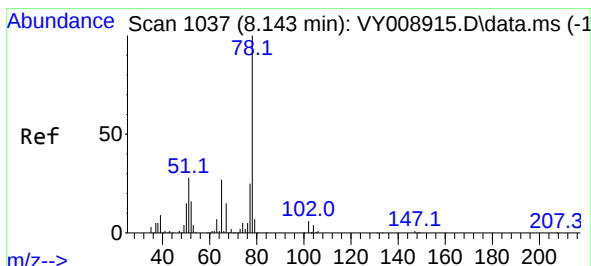
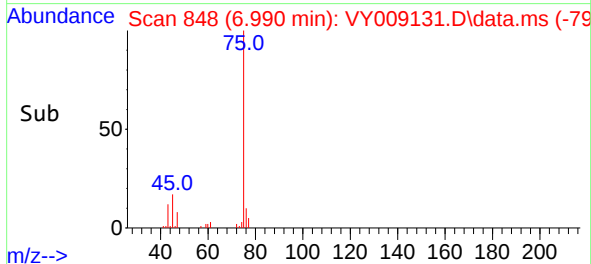
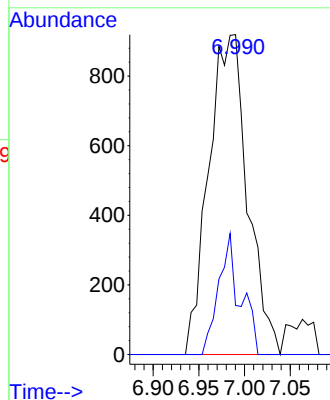
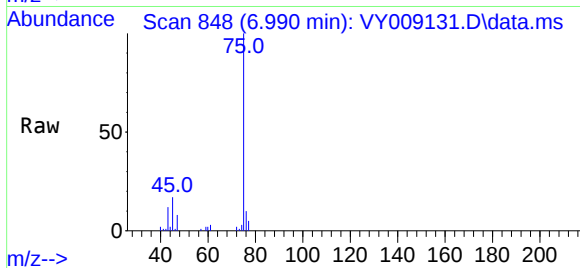
20220416-COMPOSITE-E

Tgt Ion: 43 Resp: 2719

Ion Ratio Lower Upper

43 100

72 15.3 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 61.178 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009131.D

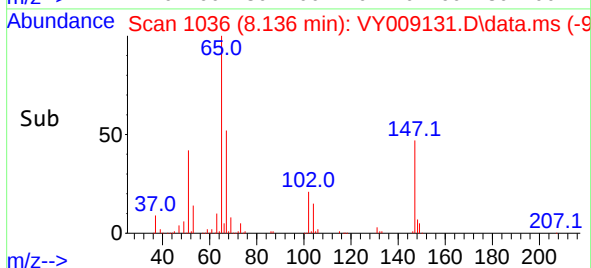
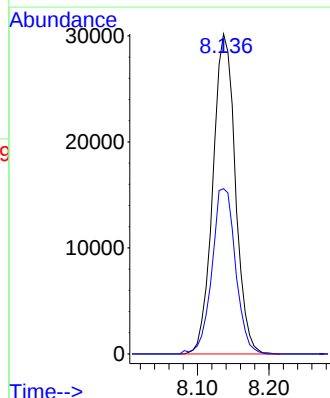
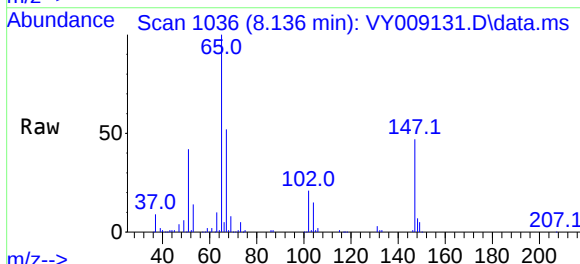
Acq: 02 Jun 2022 16:47

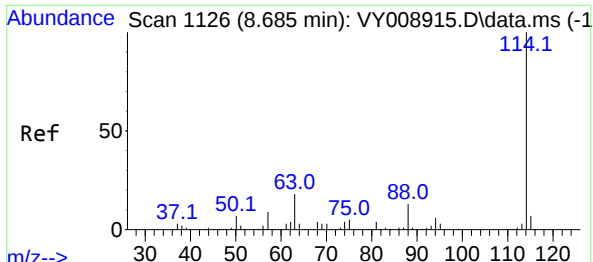
Tgt Ion: 65 Resp: 65838

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009131.D

Acq: 02 Jun 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

20220416-COMPOSITE-E

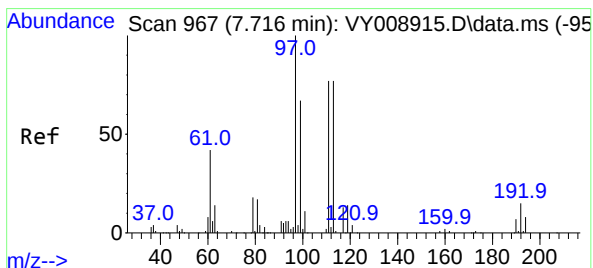
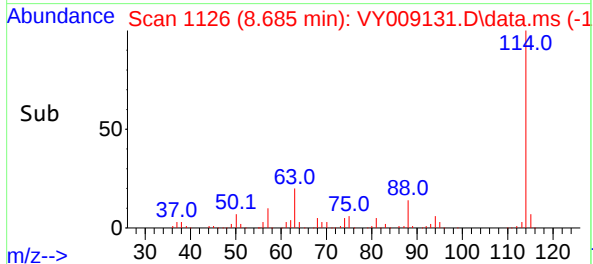
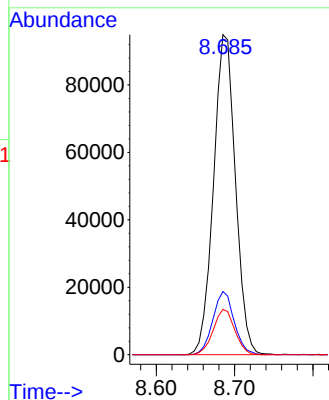
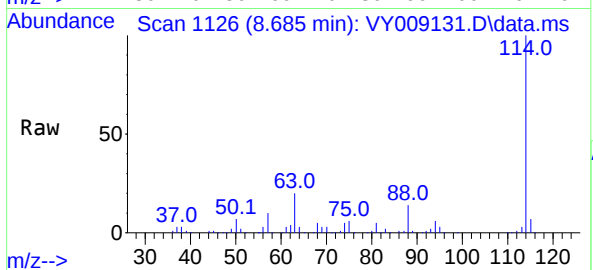
Tgt Ion:114 Resp: 184465

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.368 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009131.D

Acq: 02 Jun 2022 16:47

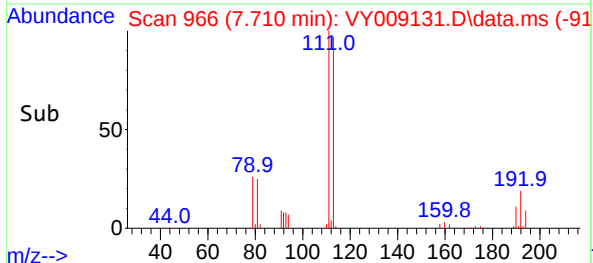
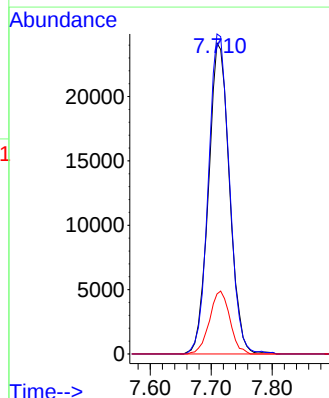
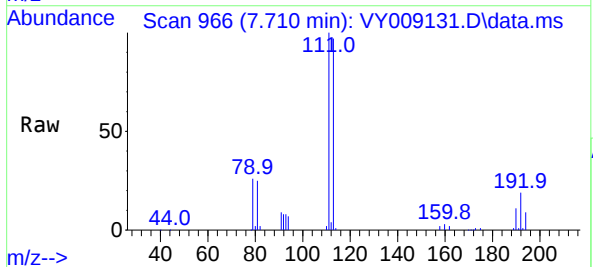
Tgt Ion:113 Resp: 57776

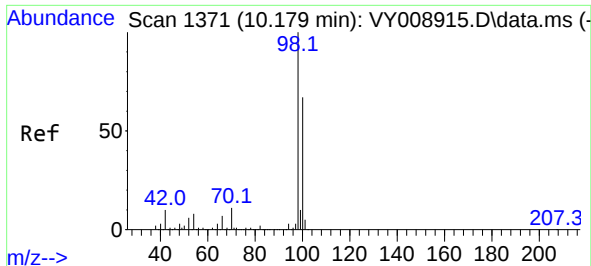
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.7 17.6 26.4

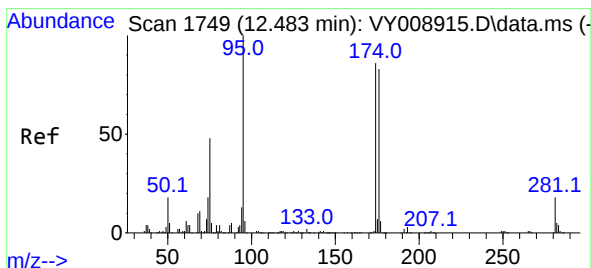
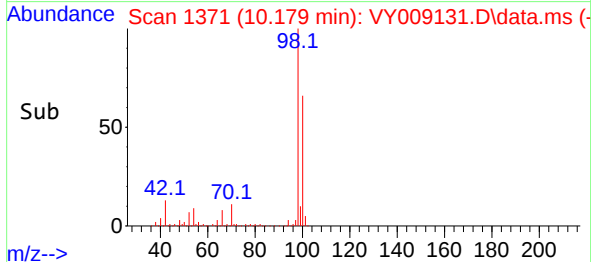
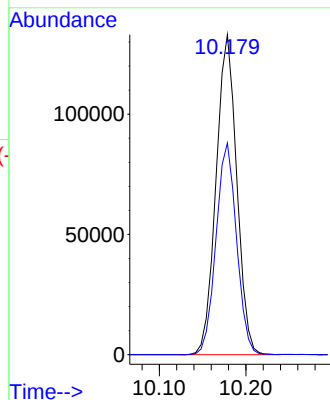
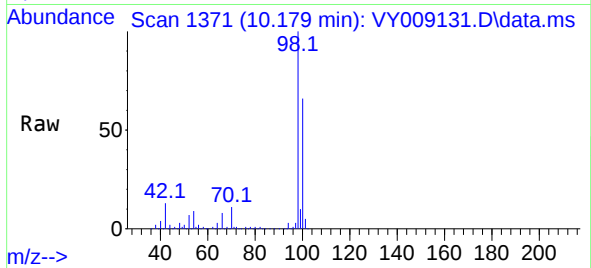




#50
Toluene-d8
Concen: 52.147 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

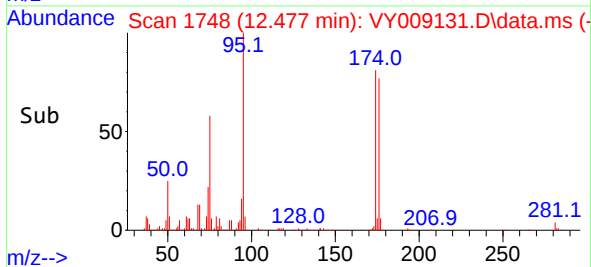
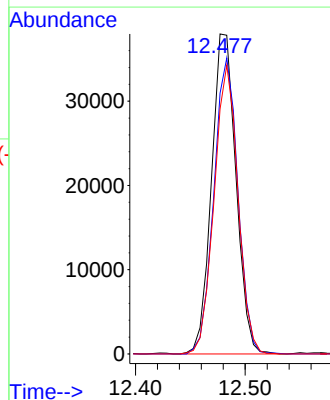
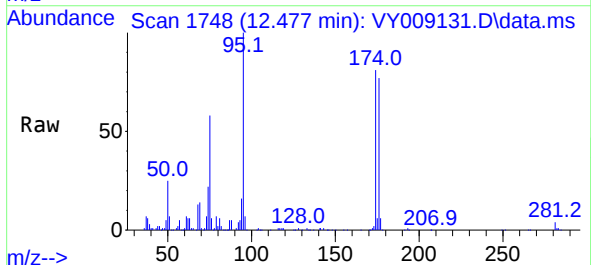
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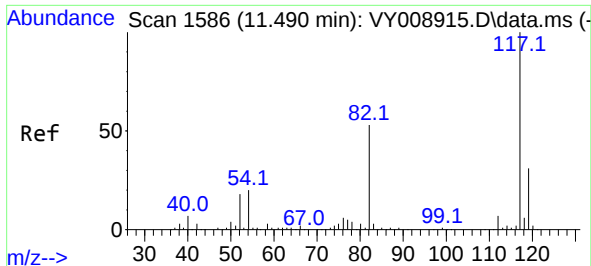
Tgt Ion: 98 Resp: 220672
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion: 95 Resp: 58972
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.9 0.0 175.8

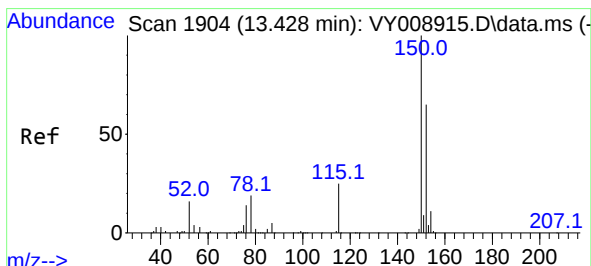
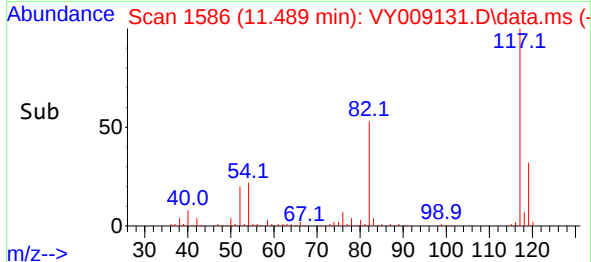
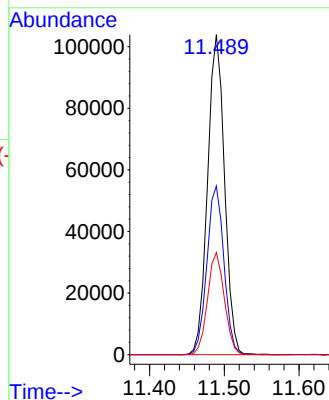
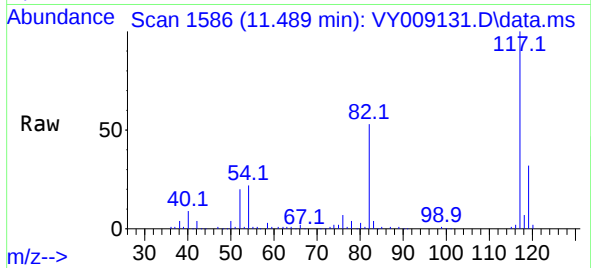




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
20220416-COMPOSITE-E

Tgt Ion:117 Resp: 163491
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009131.D
Acq: 02 Jun 2022 16:47

Tgt Ion:152 Resp: 64242
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 152.9 0.0 347.6

