

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009921.D
 Acq On : 09 Aug 2022 15:46
 Operator : KP/MD
 Sample : N4061-07
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP3-0804

Quant Time: Aug 09 23:06:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

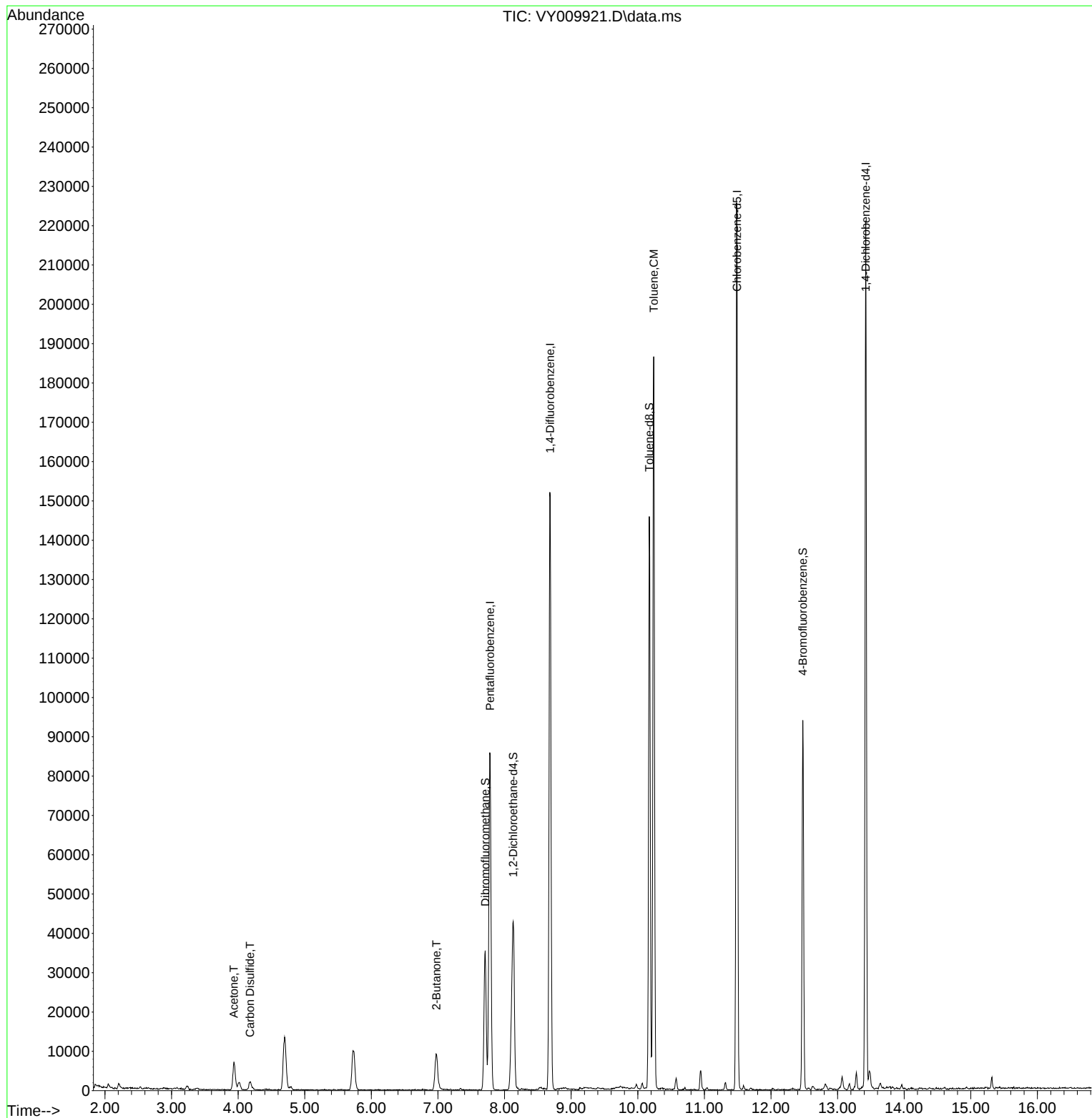
Internal Standards						
1) Pentafluorobenzene	7.783	168	65361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27214	53.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.200%
35) Dibromofluoromethane	7.710	113	25363	35.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.880%
50) Toluene-d8	10.173	98	92263	42.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.200%
62) 4-Bromofluorobenzene	12.477	95	28852	29.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.560%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	12096	65.606	ug/l	96
17) Carbon Disulfide	4.180	76	3841	1.939	ug/l #	85
25) 2-Butanone	6.978	43	4277	14.087	ug/l #	83
52) Toluene	10.240	92	76090	34.442	ug/l	99

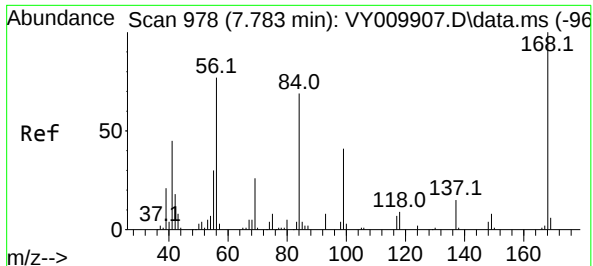
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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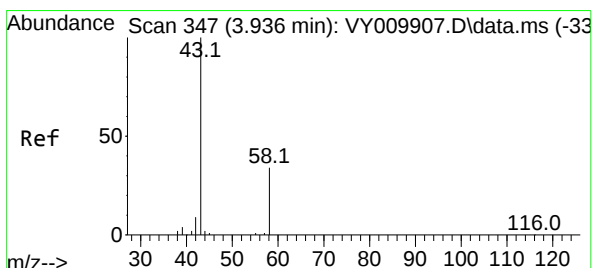
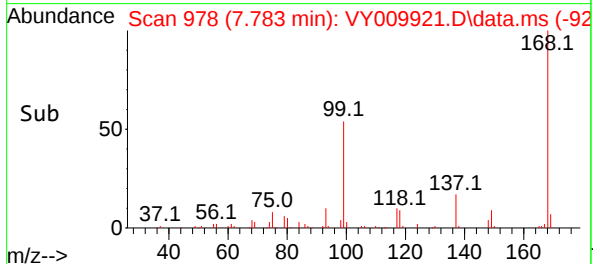
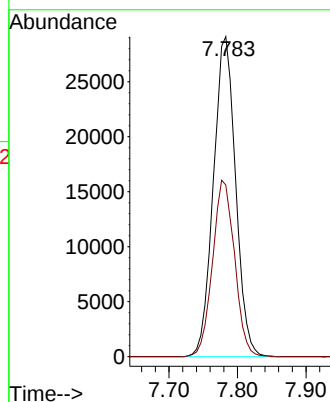
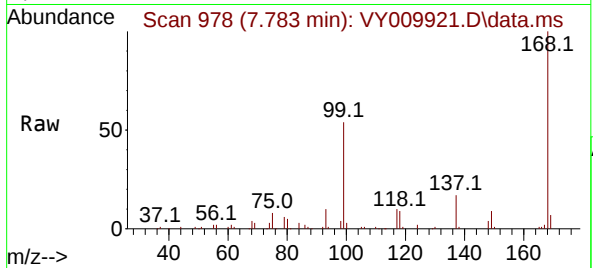




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

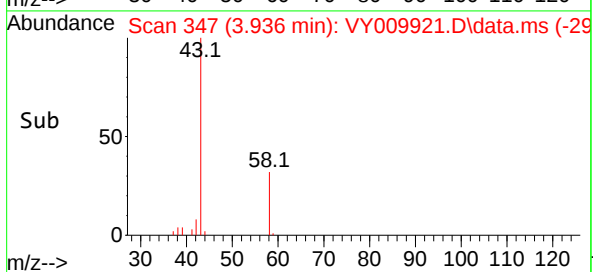
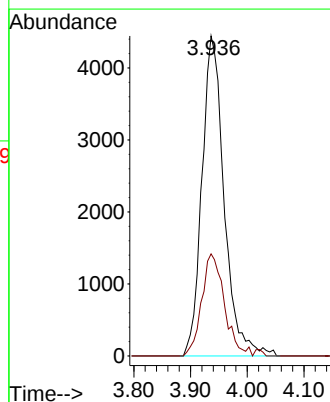
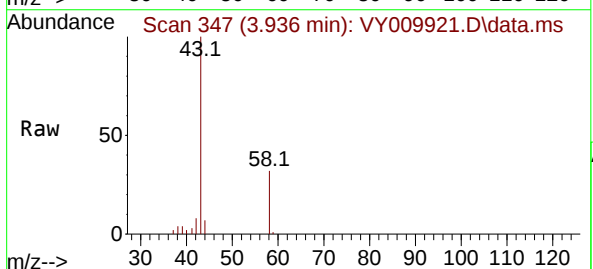
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

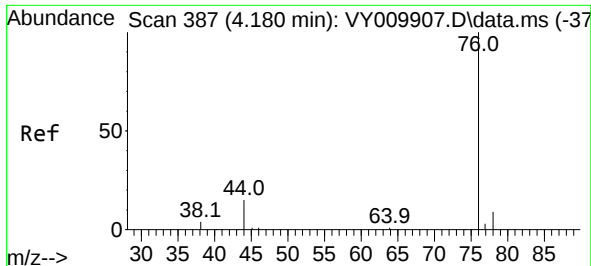
Tgt Ion:168 Resp: 65361
Ion Ratio Lower Upper
168 100
99 53.7 42.1 63.1



#16
Acetone
Concen: 65.606 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion: 43 Resp: 12096
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0

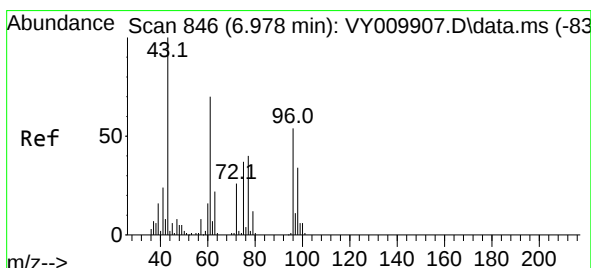
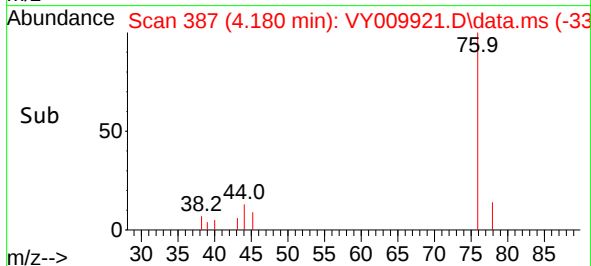
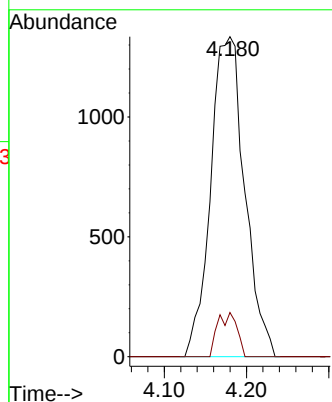
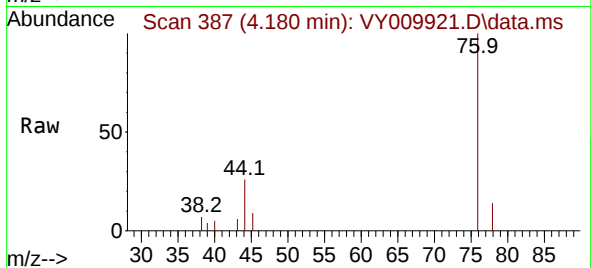




#17
Carbon Disulfide
Concen: 1.939 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.007 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

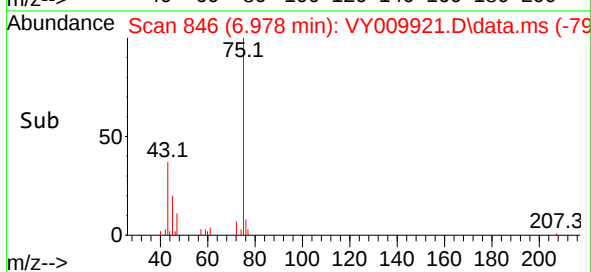
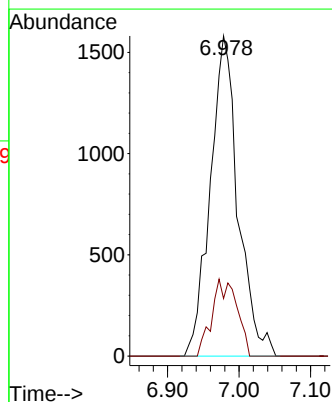
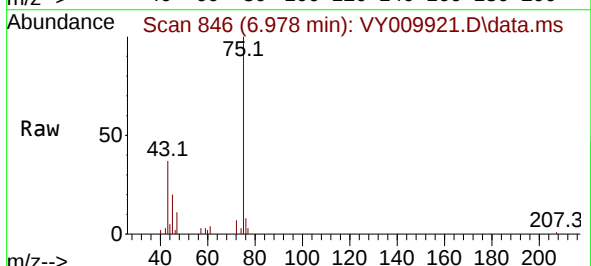
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

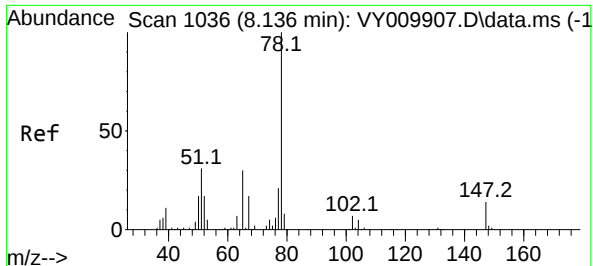
Tgt Ion: 76 Resp: 3841
Ion Ratio Lower Upper
76 100
78 13.8 6.8 10.2#



#25
2-Butanone
Concen: 14.087 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion: 43 Resp: 4277
Ion Ratio Lower Upper
43 100
72 18.0 21.5 32.3#





#33

1,2-Dichloroethane-d4

Concen: 53.599 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009921.D

Acq: 09 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

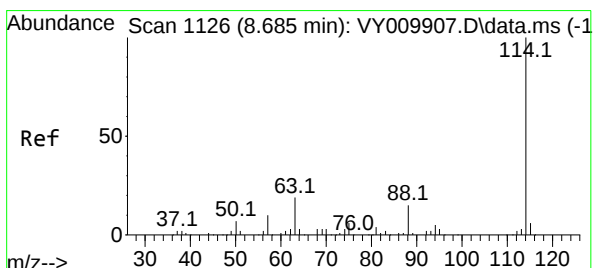
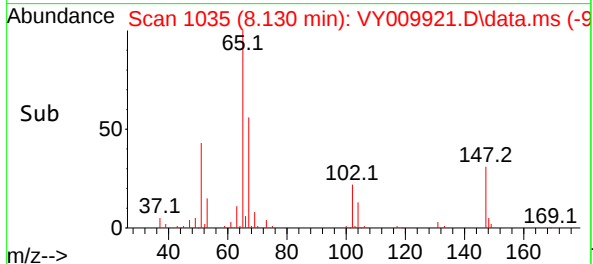
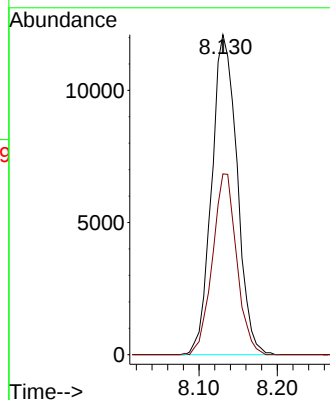
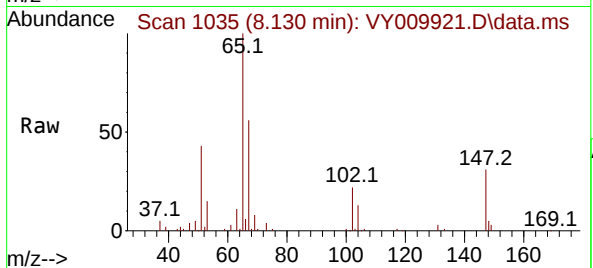
COMP3-0804

Tgt Ion: 65 Resp: 27214

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009921.D

Acq: 09 Aug 2022 15:46

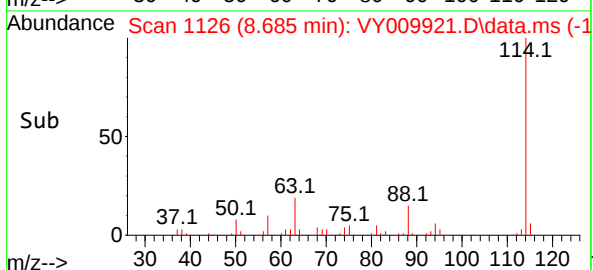
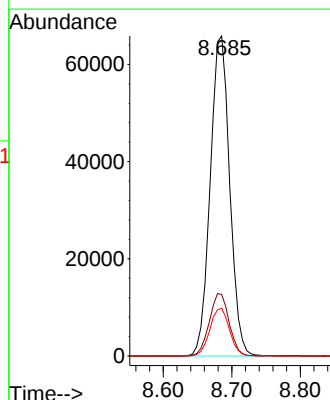
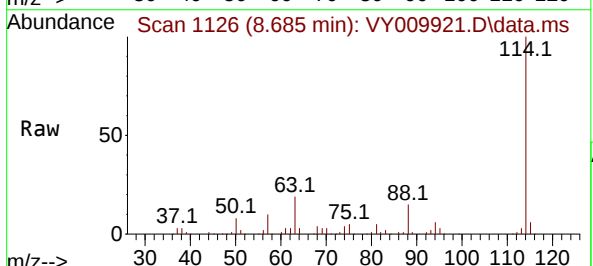
Tgt Ion: 114 Resp: 130002

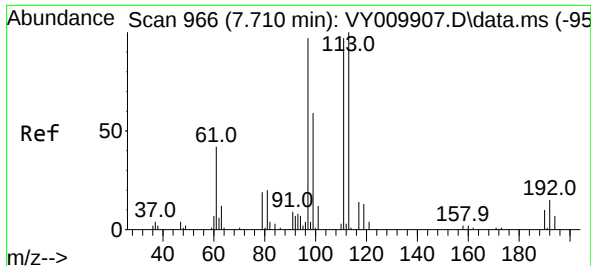
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 35.940 ug/l

RT: 7.710 min Scan# 9

Delta R.T. 0.001 min

Lab File: VY009921.D

Acq: 09 Aug 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

COMP3-0804

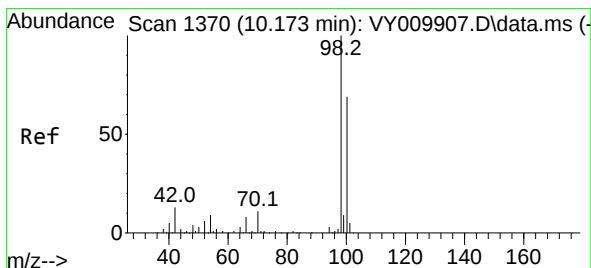
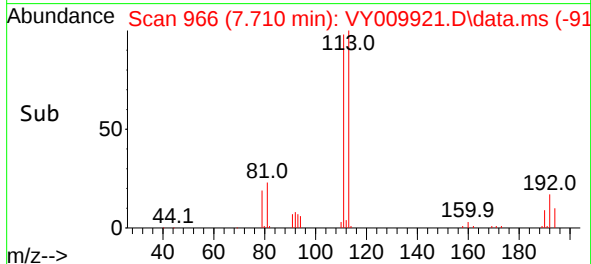
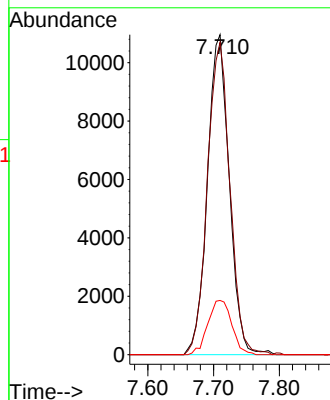
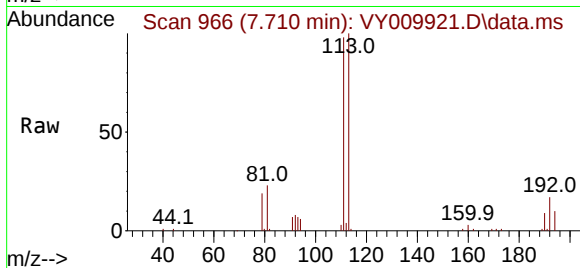
Tgt Ion:113 Resp: 25363

Ion Ratio Lower Upper

113 100

111 100.3 80.6 120.8

192 18.6 16.2 24.4



#50

Toluene-d8

Concen: 42.097 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.001 min

Lab File: VY009921.D

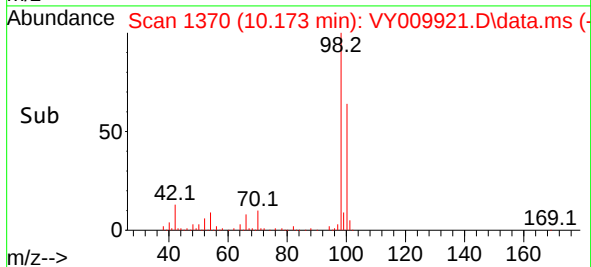
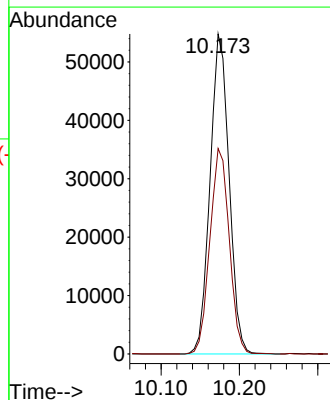
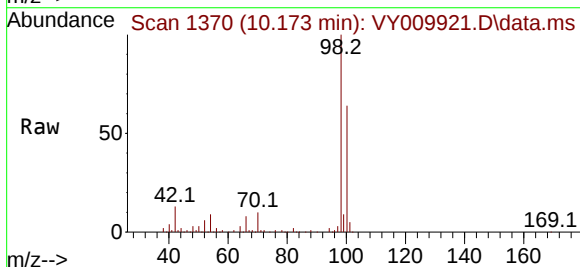
Acq: 09 Aug 2022 15:46

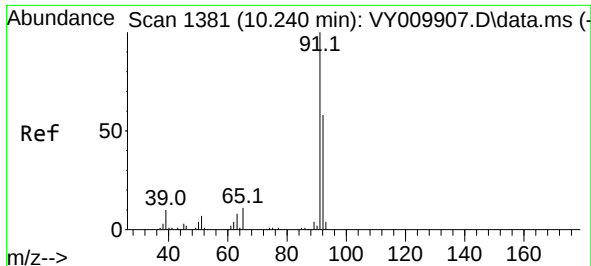
Tgt Ion: 98 Resp: 92263

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3

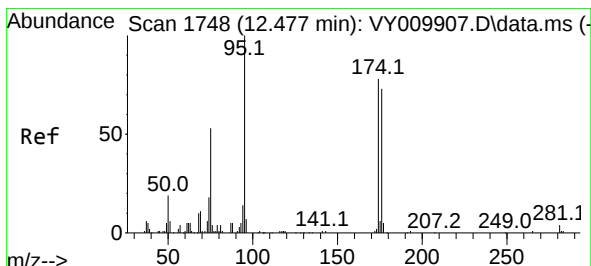
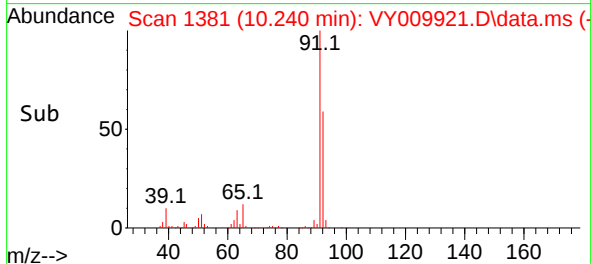
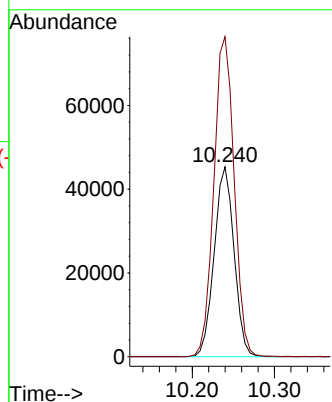
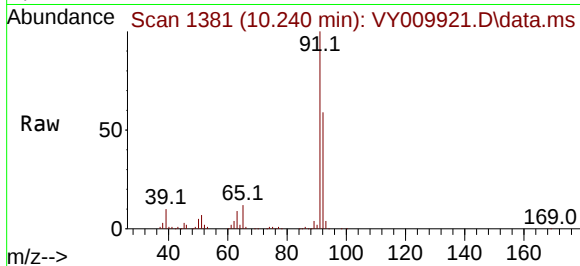




#52
Toluene
Concen: 34.442 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

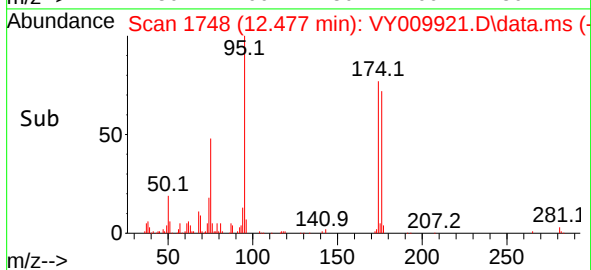
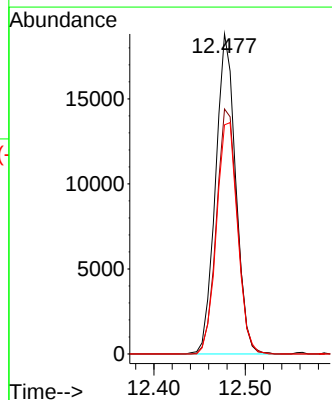
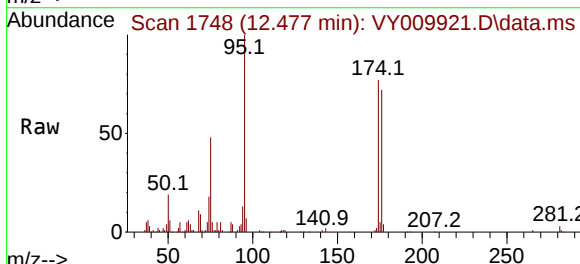
Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

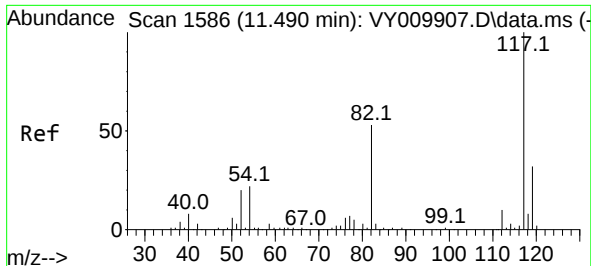
Tgt Ion: 92 Resp: 76090
Ion Ratio Lower Upper
92 100
91 172.2 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 29.280 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion: 95 Resp: 28852
Ion Ratio Lower Upper
95 100
174 79.5 0.0 173.8
176 75.7 0.0 167.0

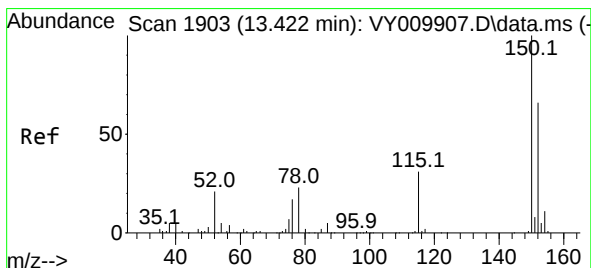
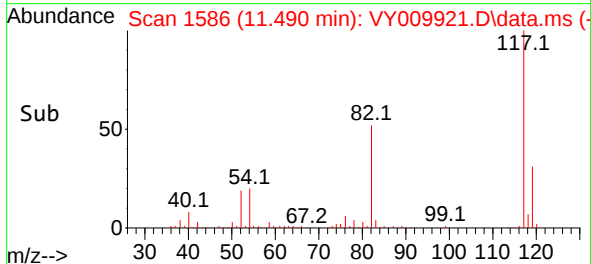
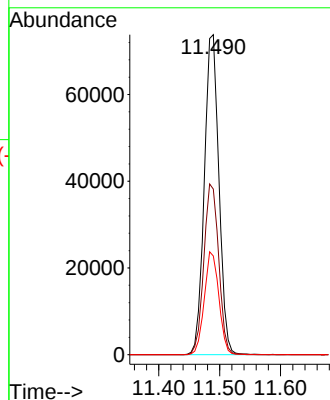
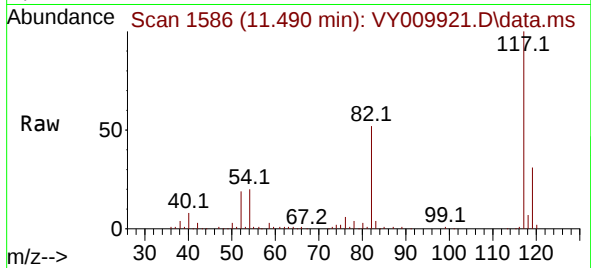




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Instrument :
MSVOA_Y
ClientSampleId :
COMP3-0804

Tgt Ion:117 Resp: 123023
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.6
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009921.D
Acq: 09 Aug 2022 15:46

Tgt Ion:152 Resp: 52849
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.9
150 156.8 0.0 349.8

