

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009920.D
 Acq On : 09 Aug 2022 15:22
 Operator : KP/MD
 Sample : N4061-05
 Misc : 3.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP2-0804

Quant Time: Aug 09 23:06:27 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)

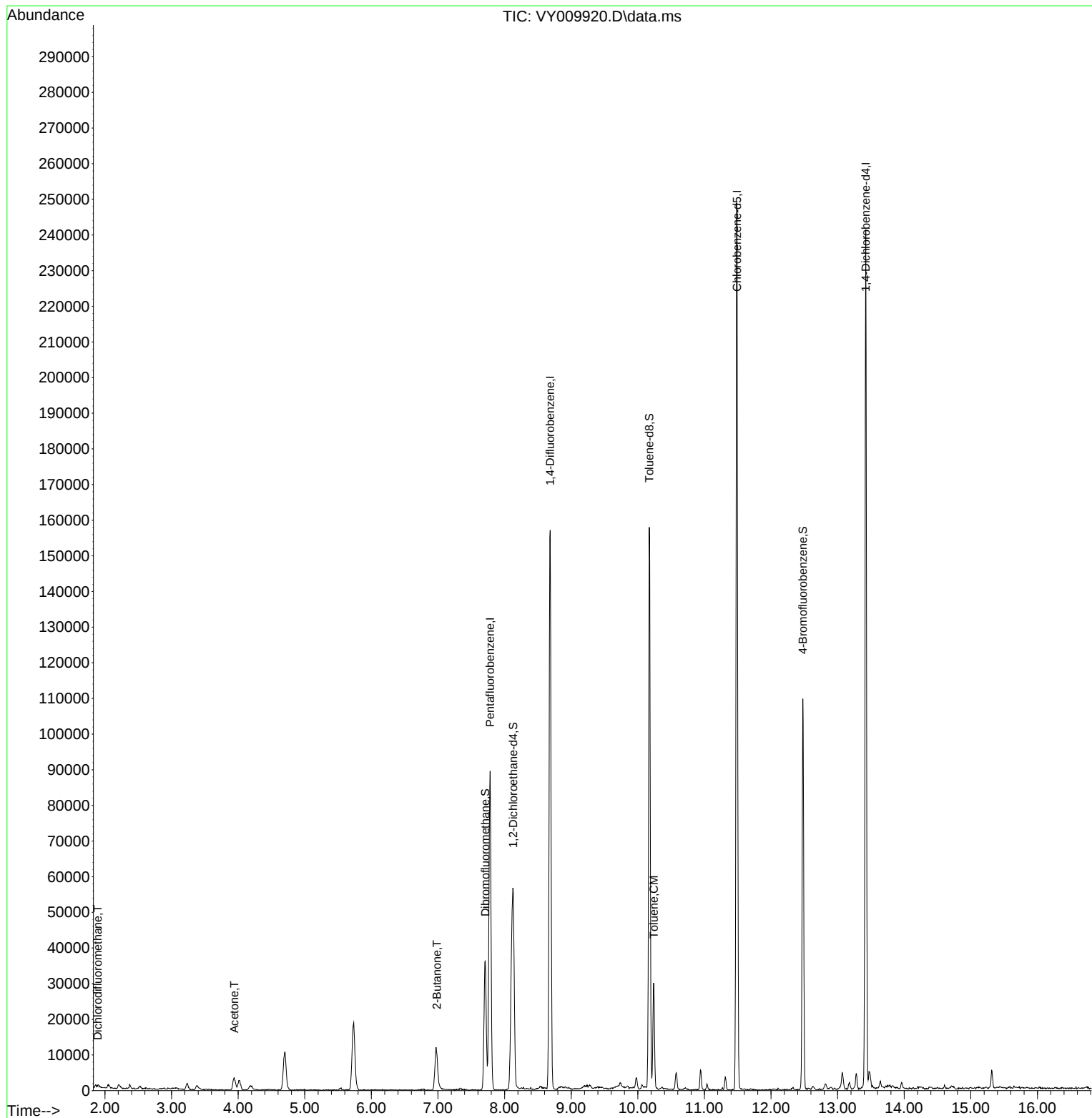
Internal Standards						
1) Pentafluorobenzene	7.783	168	65780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27975	54.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.780%	
35) Dibromofluoromethane	7.710	113	25865	35.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.560%	
50) Toluene-d8	10.173	98	97953	43.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.400%	
62) 4-Bromofluorobenzene	12.477	95	31640	30.912	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	676	1.205	ug/l	95
16) Acetone	3.942	43	6461	34.820	ug/l	97
25) 2-Butanone	6.984	43	2418	7.913	ug/l	96
52) Toluene	10.240	92	11954	5.209	ug/l	99

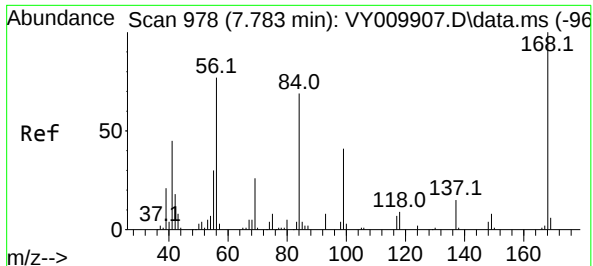
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080920.D
Acq On : 09 Aug 2022 15:22
Operator : KP/MD
Sample : N4061-05
Misc : 3.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

Quant Time: Aug 09 23:06:27 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

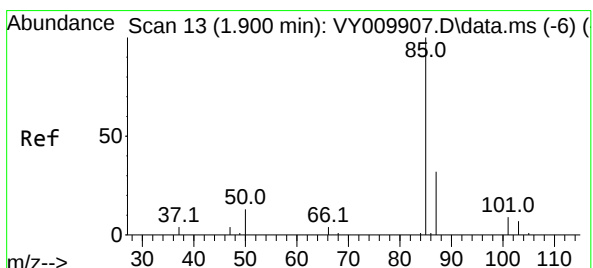
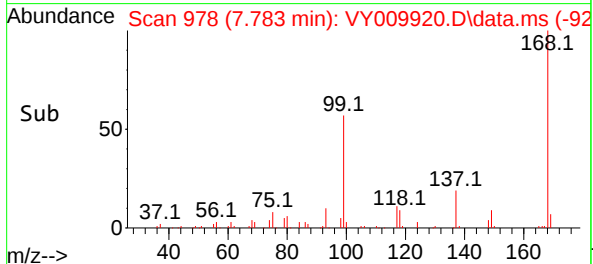
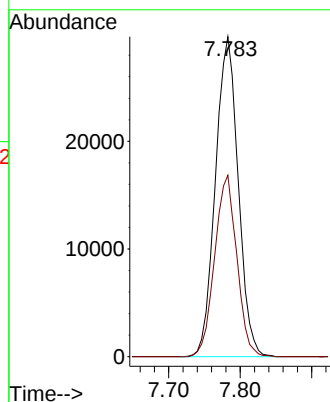
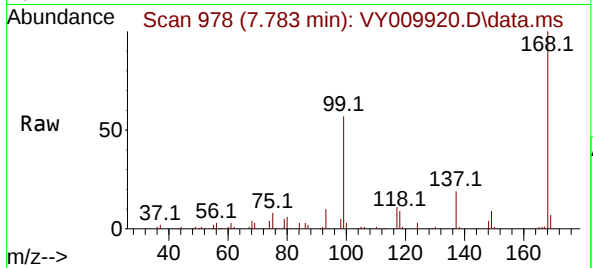




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

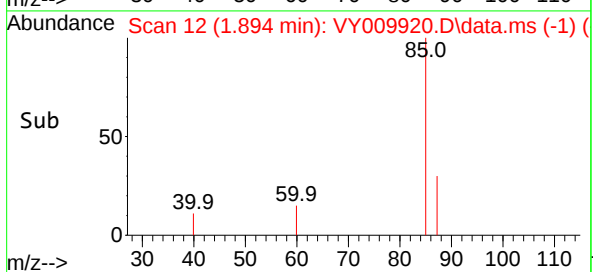
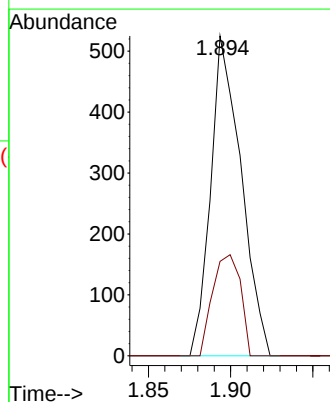
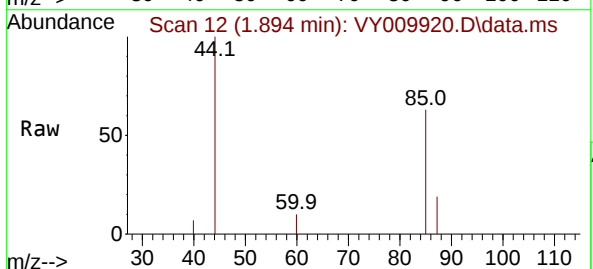
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

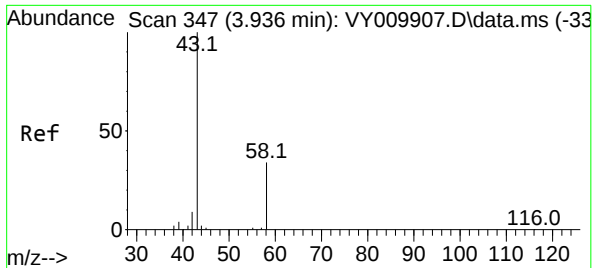
Tgt Ion:168 Resp: 65780
Ion Ratio Lower Upper
168 100
99 56.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 1.205 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.005 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 85 Resp: 676
Ion Ratio Lower Upper
85 100
87 29.5 16.2 48.5





#16

Acetone

Concen: 34.820 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009920.D

Acq: 09 Aug 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

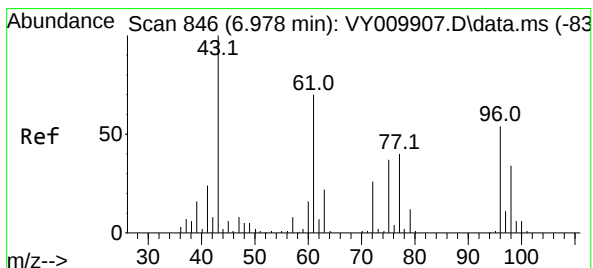
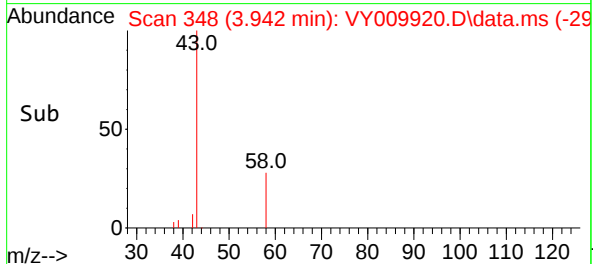
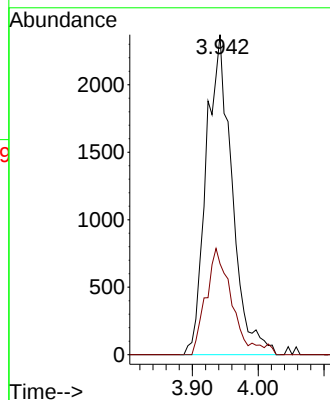
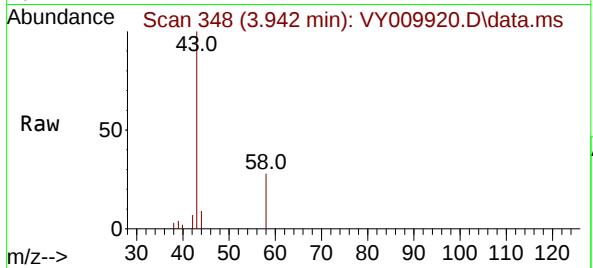
COMP2-0804

Tgt Ion: 43 Resp: 6461

Ion Ratio Lower Upper

43 100

58 28.4 24.0 36.0



#25

2-Butanone

Concen: 7.913 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009920.D

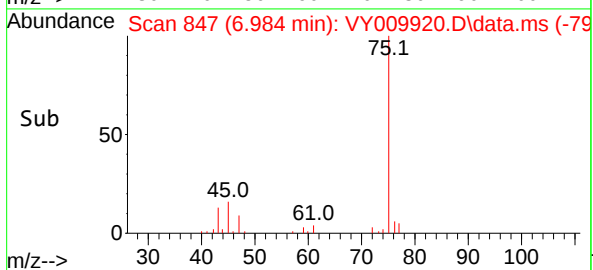
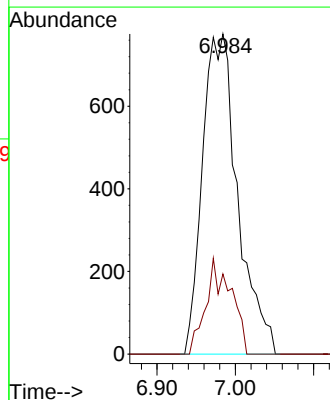
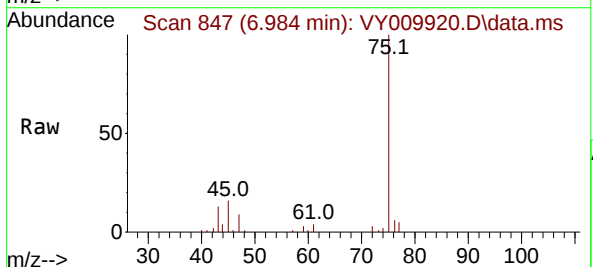
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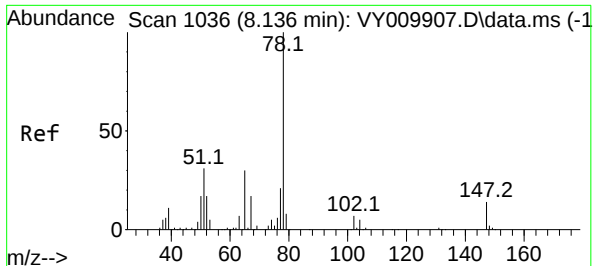
Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

43 100

72 25.0 21.5 32.3





#33

1,2-Dichloroethane-d4

Concen: 54.886 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009920.D

Acq: 09 Aug 2022 15:22

Instrument :

MSVOA_Y

ClientSampleId :

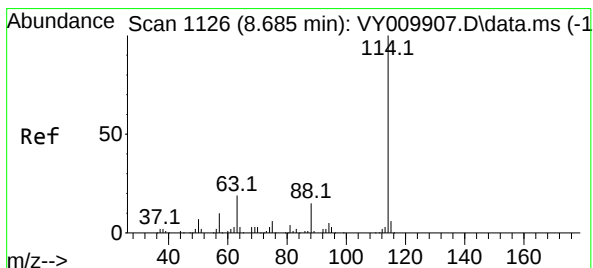
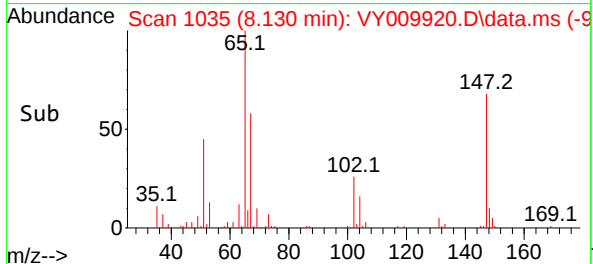
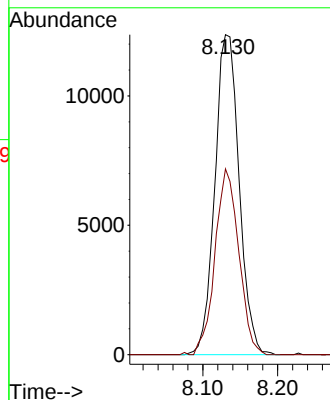
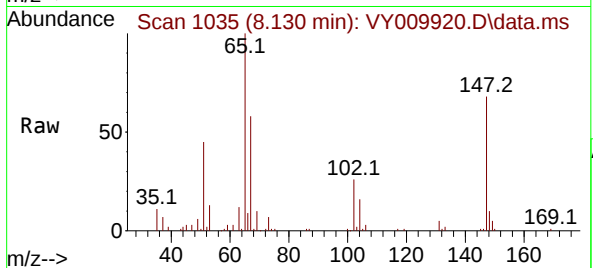
COMP2-0804

Tgt Ion: 65 Resp: 27975

Ion Ratio Lower Upper

65 100

67 56.9 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: VY009920.D

Acq: 09 Aug 2022 15:22

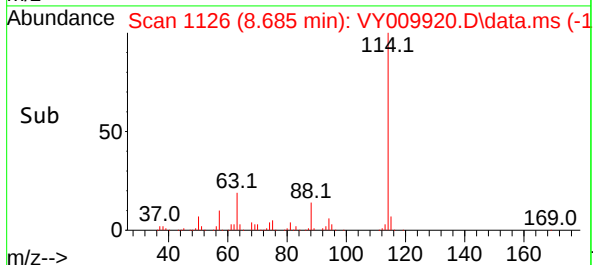
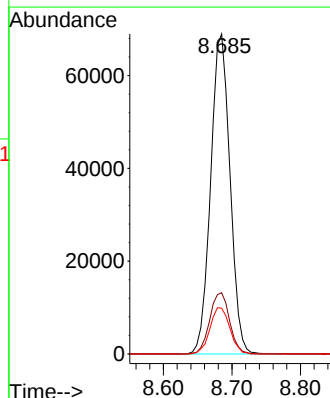
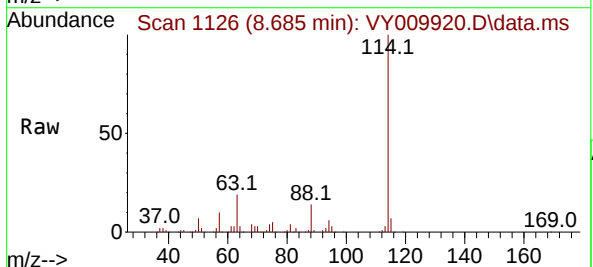
Tgt Ion: 114 Resp: 135040

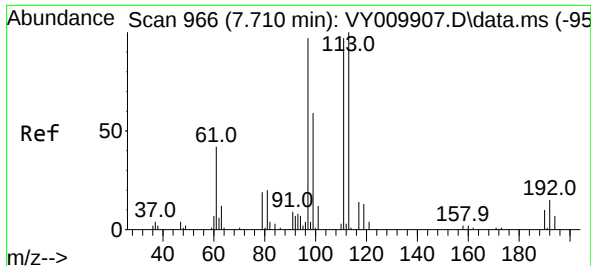
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 14.3 0.0 30.0

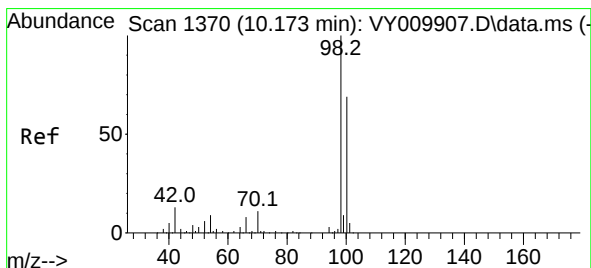
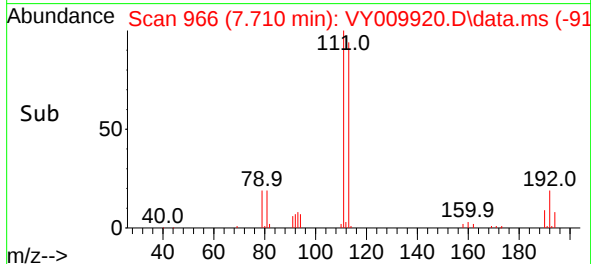
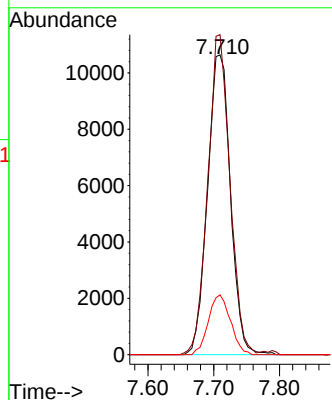
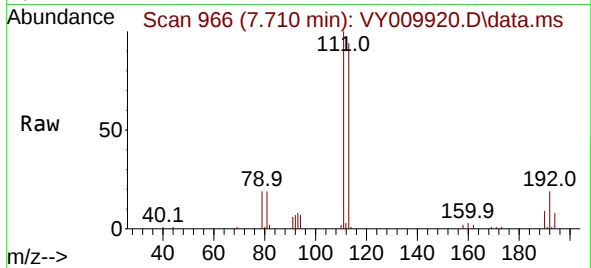




#35
 Dibromofluoromethane
 Concen: 35.284 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: VY009920.D
 Acq: 09 Aug 2022 15:22

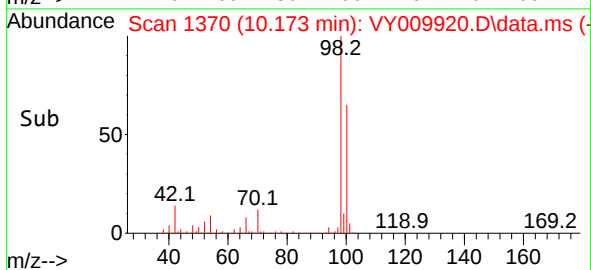
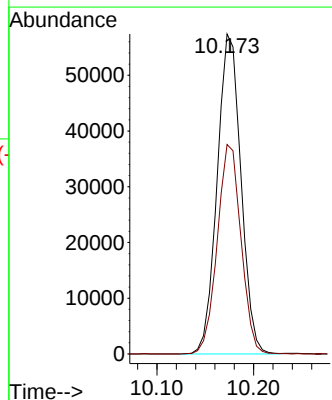
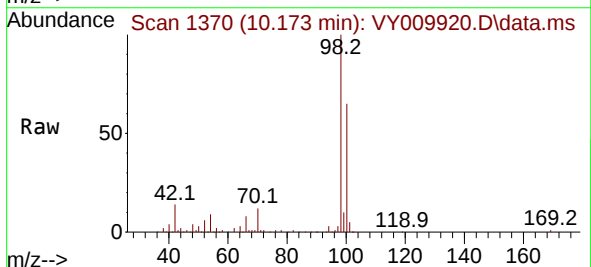
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP2-0804

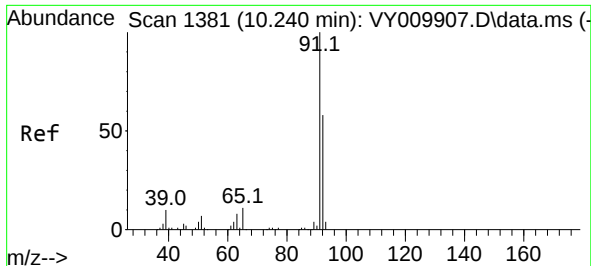
Tgt Ion:113 Resp: 25865
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.6 120.8
 192 19.2 16.2 24.4



#50
 Toluene-d8
 Concen: 43.197 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. 0.001 min
 Lab File: VY009920.D
 Acq: 09 Aug 2022 15:22

Tgt Ion: 98 Resp: 97953
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.9 79.3

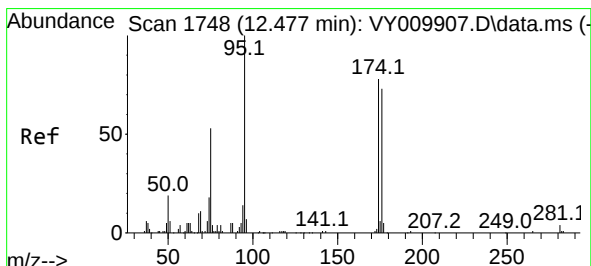
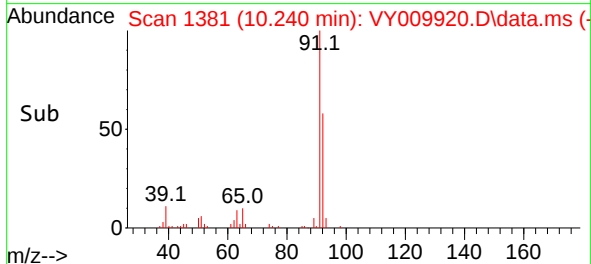
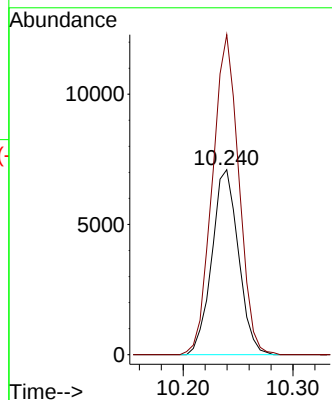
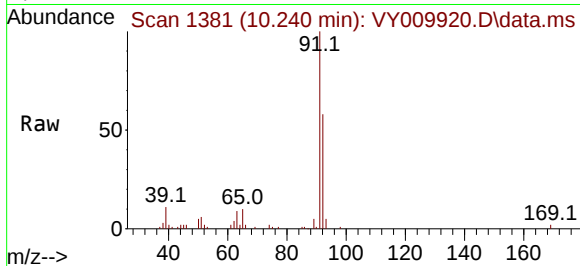




#52
Toluene
Concen: 5.209 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.001 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

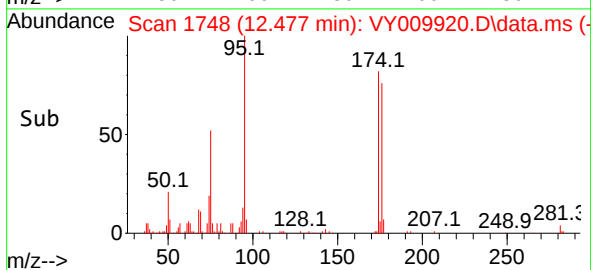
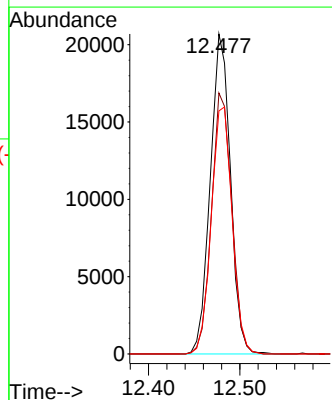
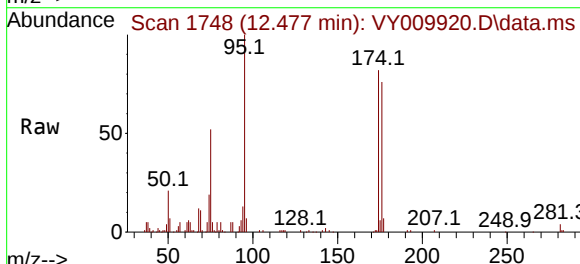
Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

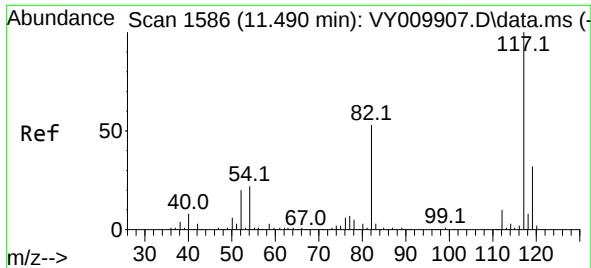
Tgt Ion: 92 Resp: 11954
Ion Ratio Lower Upper
92 100
91 172.2 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 30.912 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion: 95 Resp: 31640
Ion Ratio Lower Upper
95 100
174 82.2 0.0 173.8
176 80.0 0.0 167.0

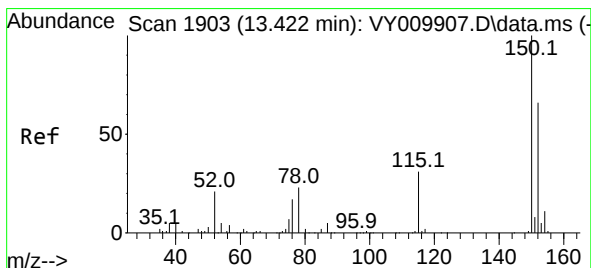
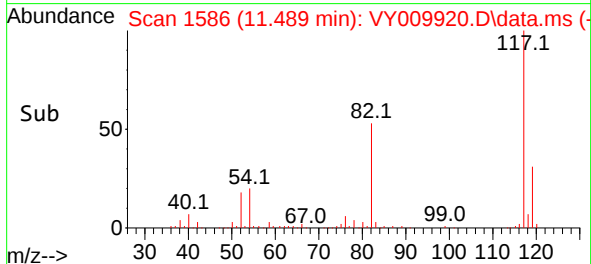
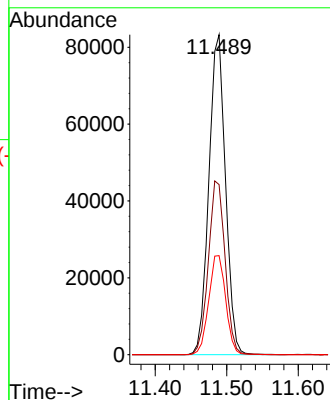
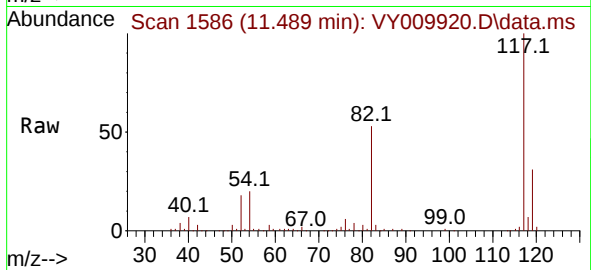




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009920.D
Acq: 09 Aug 2022 15:22

Instrument :
MSVOA_Y
ClientSampleId :
COMP2-0804

Tgt Ion:117 Resp: 134193
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 31.0 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: VY009920.D
Acq: 09 Aug 2022 15:22

Tgt Ion:152 Resp: 57600
Ion Ratio Lower Upper
152 100
115 58.5 28.6 85.9
150 158.1 0.0 349.8

