

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010560.D
 Acq On : 19 Sep 2022 18:48
 Operator : KP/MD
 Sample : N4641-02
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22005-18

Quant Time: Sep 20 01:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

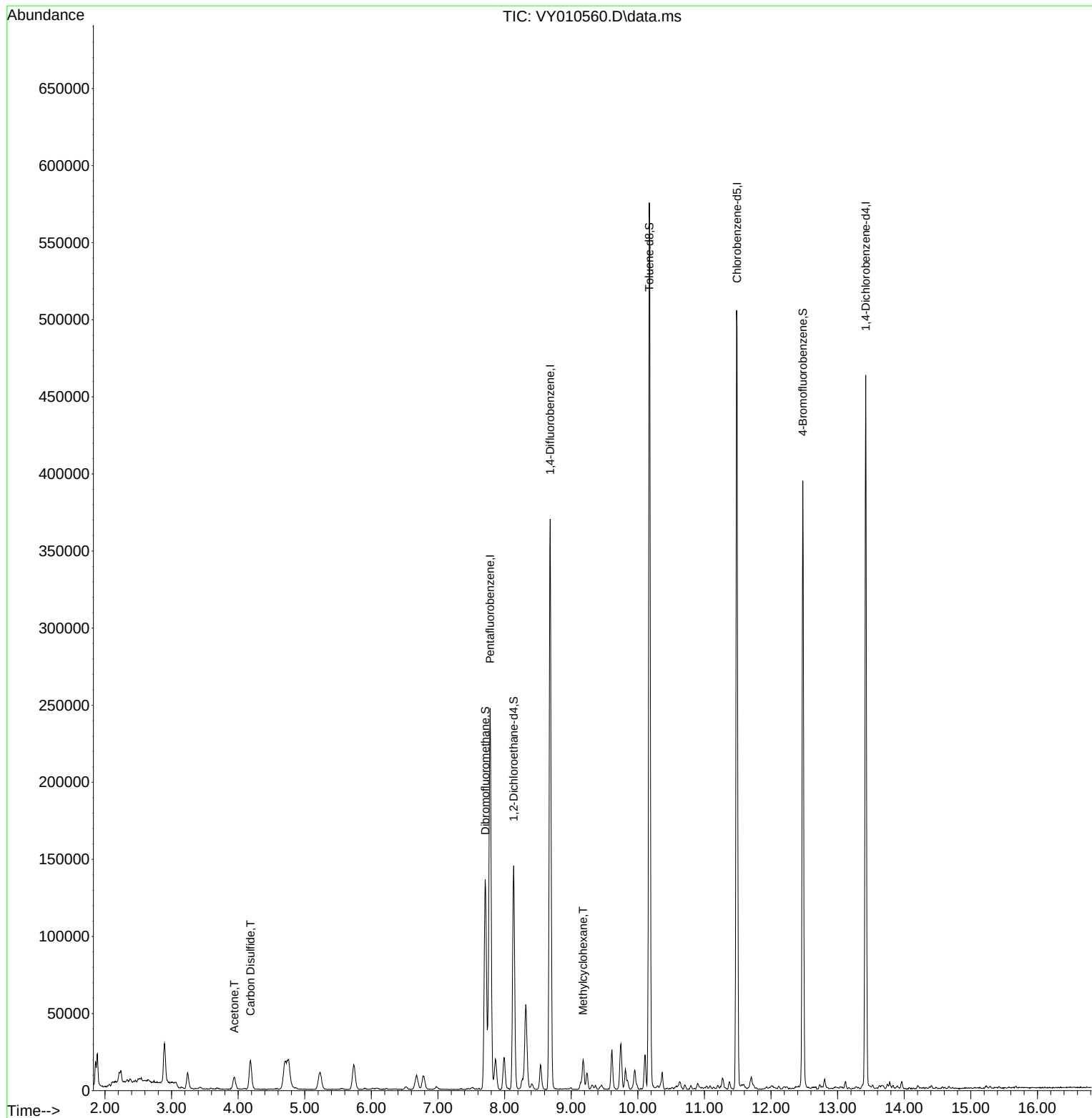
Internal Standards						
1) Pentafluorobenzene	7.783	168	185741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	318783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110463	62.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.360%
35) Dibromofluoromethane	7.709	113	96915	47.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.172	98	375177	49.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.477	95	117807	41.773	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.540%
Target Compounds						
16) Acetone	3.942	43	13104	36.170	ug/l	92
17) Carbon Disulfide	4.186	76	38498	11.409	ug/l #	94
39) Methylcyclohexane	9.179	83	4775	1.800	ug/l	98

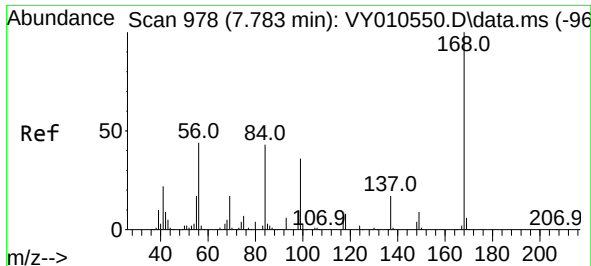
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
Data File : VY010560.D
Acq On : 19 Sep 2022 18:48
Operator : KP/MD
Sample : N4641-02
Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D22005-18

Quant Time: Sep 20 01:05:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

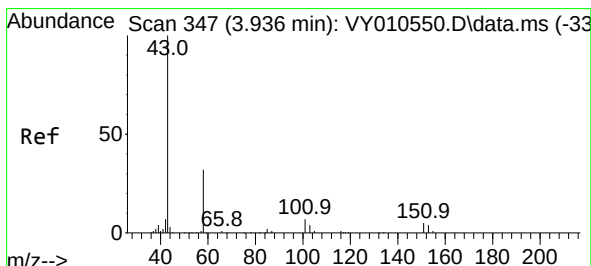
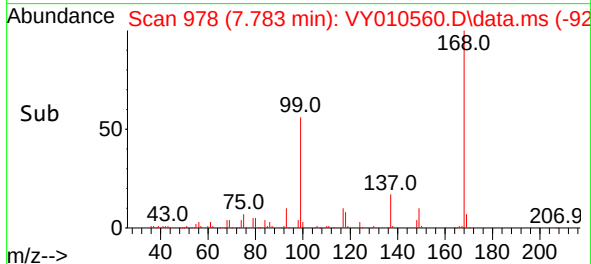
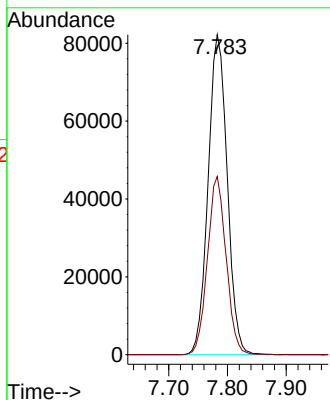
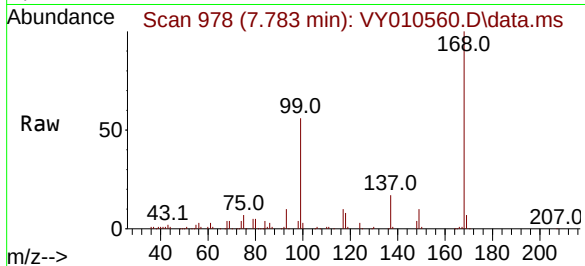




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010560.D
Acq: 19 Sep 2022 18:48

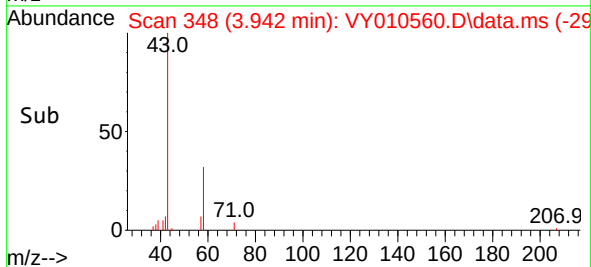
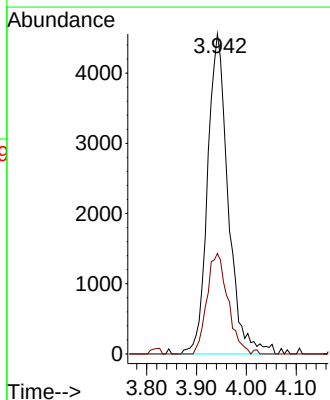
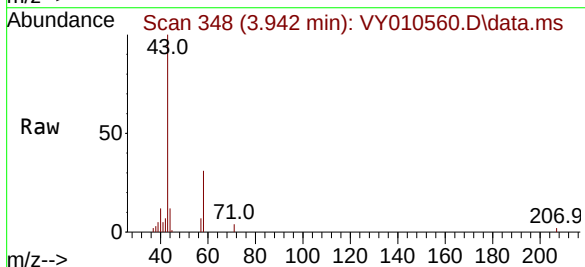
Instrument :
MSVOA_Y
ClientSampleId :
D22005-18

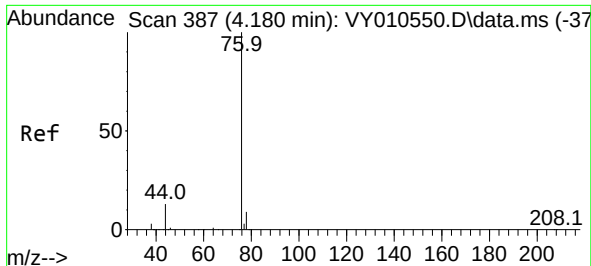
Tgt Ion:168 Resp: 185741
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 36.170 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010560.D
Acq: 19 Sep 2022 18:48

Tgt Ion: 43 Resp: 13104
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0

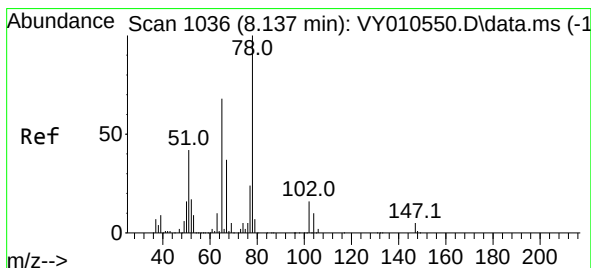
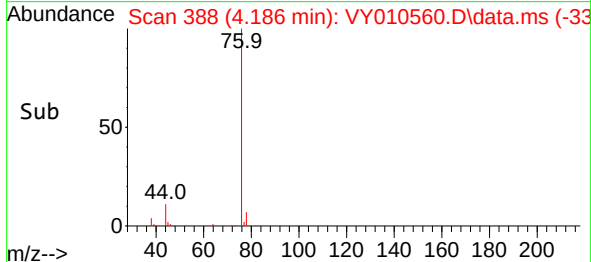
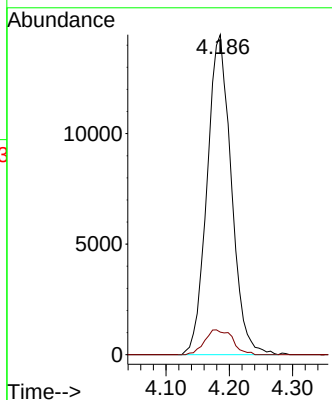
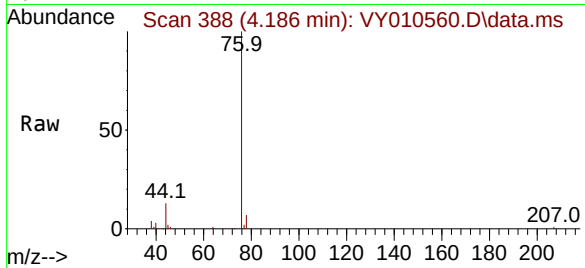




#17
Carbon Disulfide
Concen: 11.409 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010560.D
Acq: 19 Sep 2022 18:48

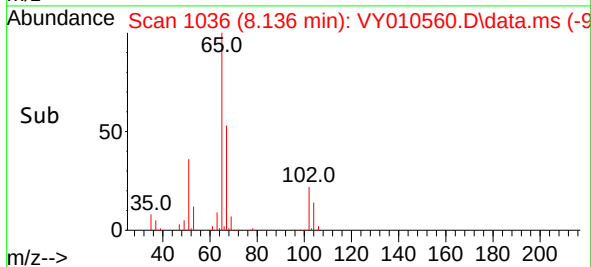
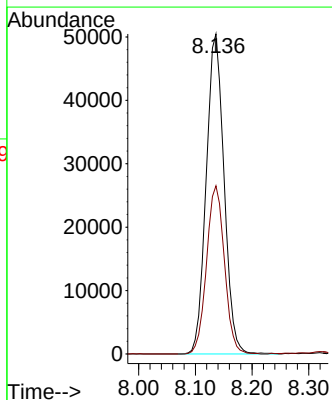
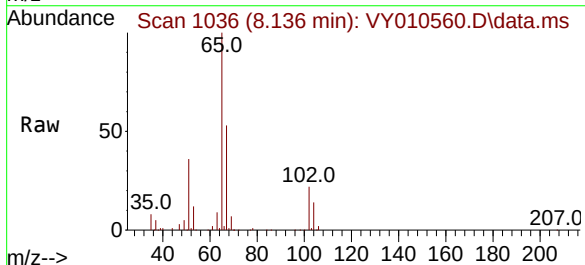
Instrument :
MSVOA_Y
ClientSampleId :
D22005-18

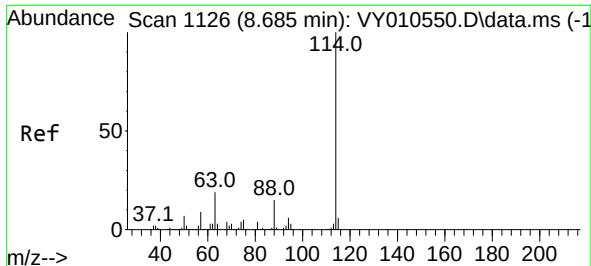
Tgt Ion: 76 Resp: 38498
Ion Ratio Lower Upper
76 100
78 7.1 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 62.178 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010560.D
Acq: 19 Sep 2022 18:48

Tgt Ion: 65 Resp: 110463
Ion Ratio Lower Upper
65 100
67 52.6 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: VY010560.D

Acq: 19 Sep 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

D22005-18

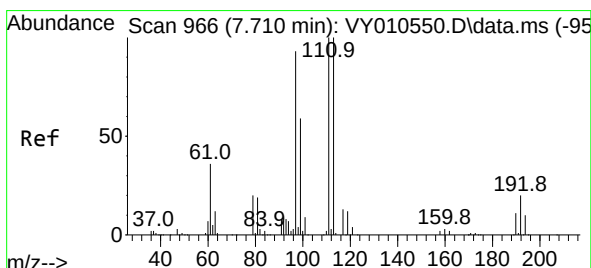
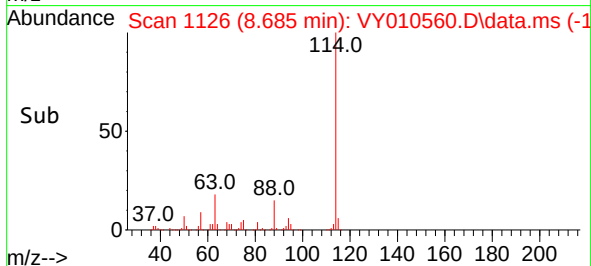
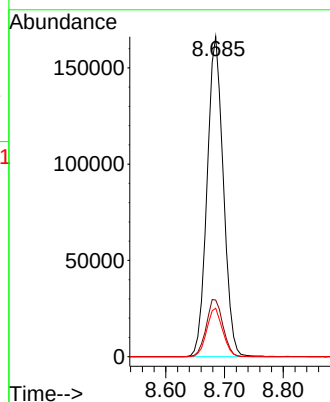
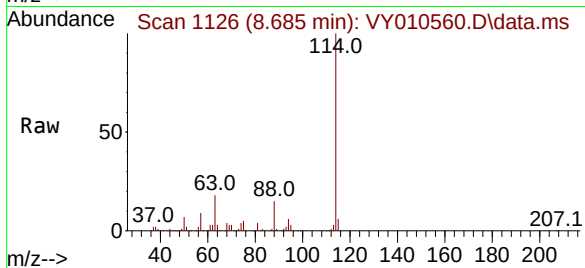
Tgt Ion:114 Resp: 318783

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.636 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010560.D

Acq: 19 Sep 2022 18:48

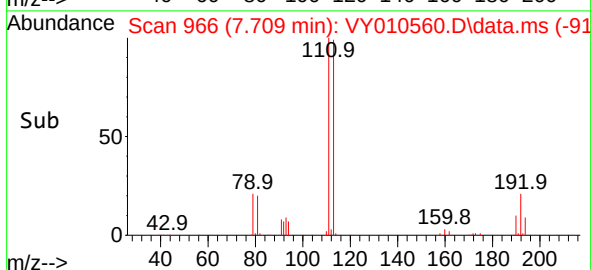
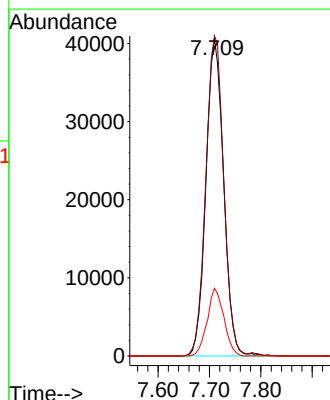
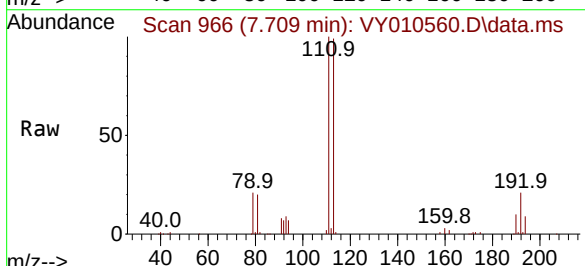
Tgt Ion:113 Resp: 96915

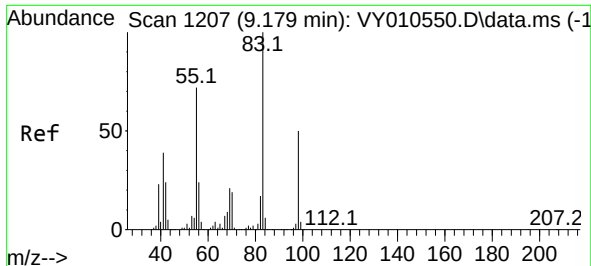
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 20.2 17.6 26.4

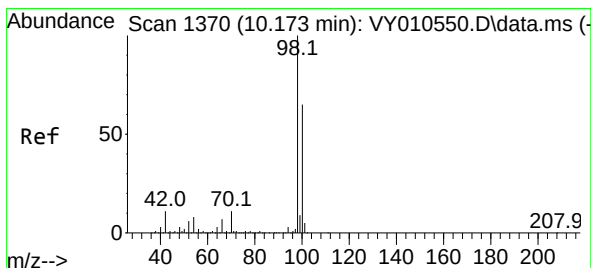
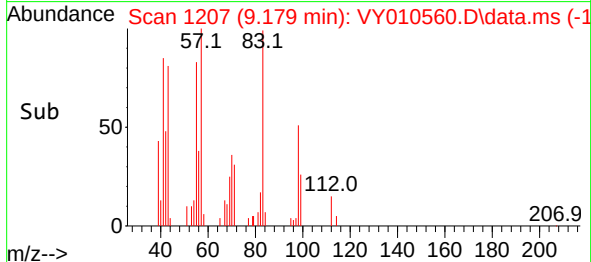
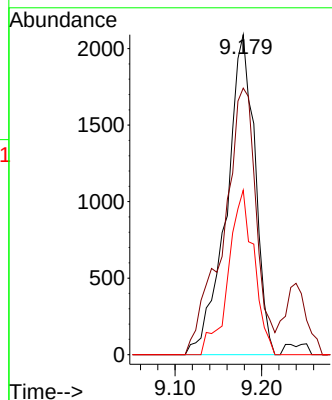
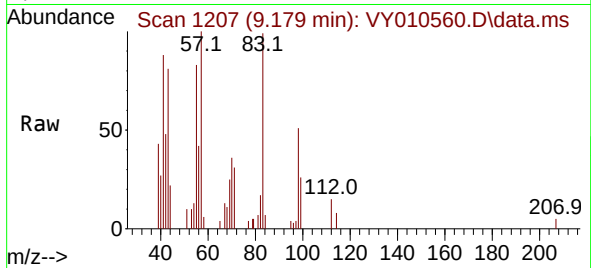




#39
Methylcyclohexane
Concen: 1.800 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010560.D
Acq: 19 Sep 2022 18:48

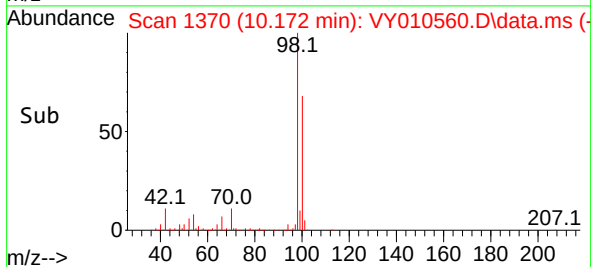
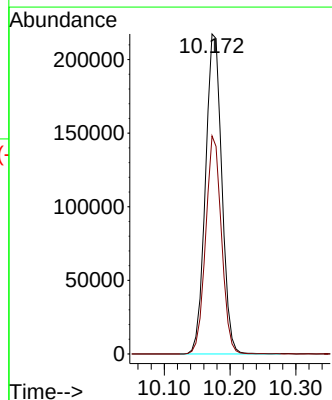
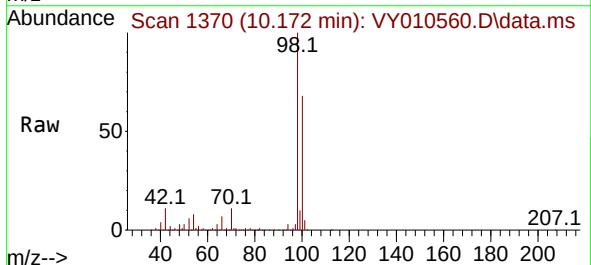
Instrument :
MSVOA_Y
ClientSampleId :
D22005-18

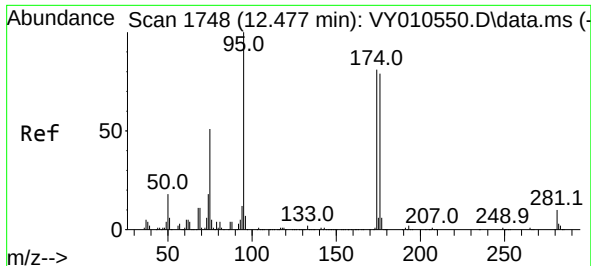
Tgt Ion: 83 Resp: 4775
Ion Ratio Lower Upper
83 100
55 83.3 66.5 99.7
98 51.4 37.9 56.9



#50
Toluene-d8
Concen: 49.904 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.001 min
Lab File: VY010560.D
Acq: 19 Sep 2022 18:48

Tgt Ion: 98 Resp: 375177
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 41.773 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010560.D

Acq: 19 Sep 2022 18:48

Instrument :

MSVOA_Y

ClientSampleId :

D22005-18

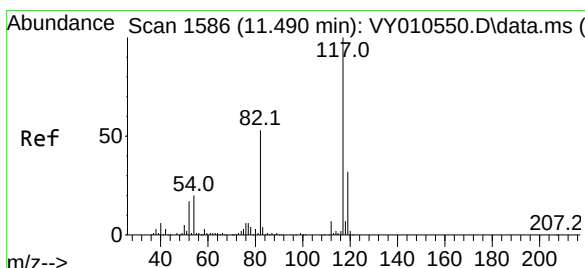
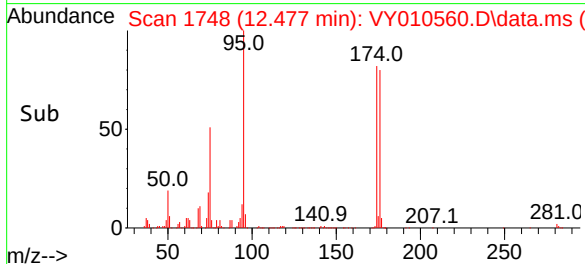
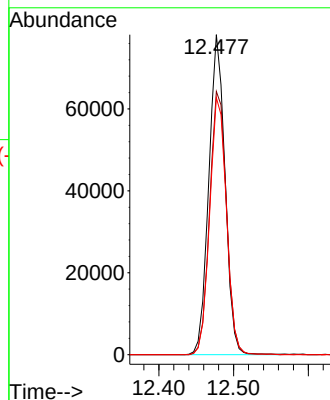
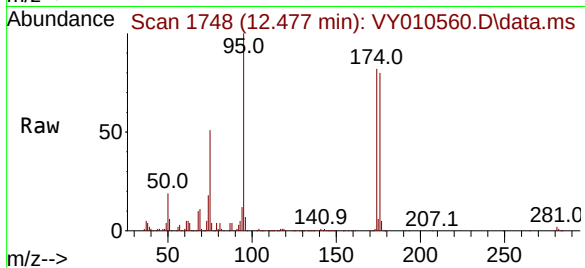
Tgt Ion: 95 Resp: 117807

Ion Ratio Lower Upper

95 100

174 85.9 0.0 177.0

176 83.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010560.D

Acq: 19 Sep 2022 18:48

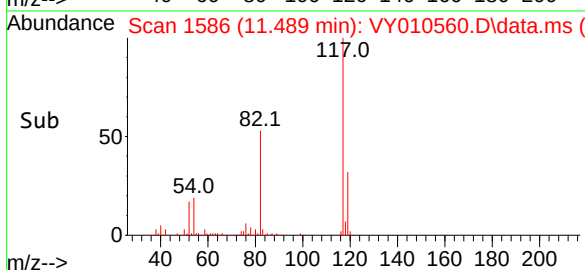
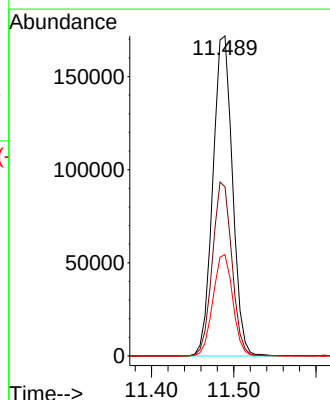
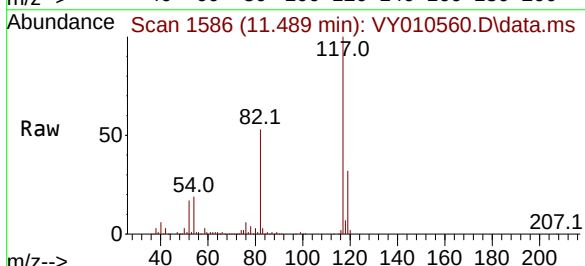
Tgt Ion: 117 Resp: 284757

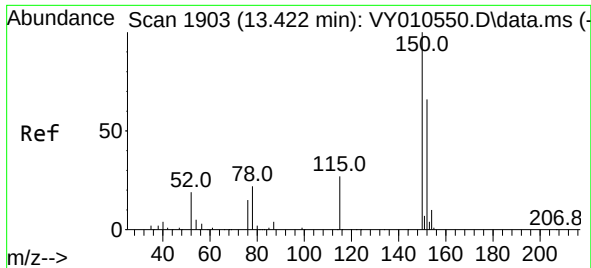
Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

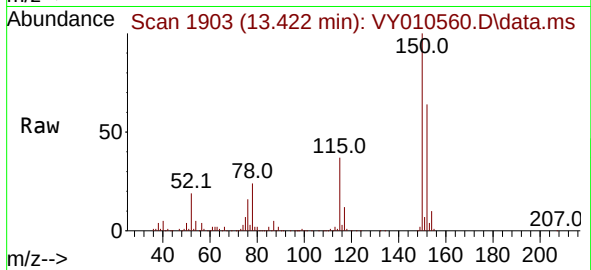
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010560.D
 Acq: 19 Sep 2022 18:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22005-18



Tgt Ion:152 Resp: 116346
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.2 84.7
 150 158.3 0.0 347.6

