

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009610.D
 Acq On : 20 Jul 2022 14:20
 Operator : KP/MD
 Sample : N3652-06
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-1A-(24-30)

Quant Time: Jul 21 02:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

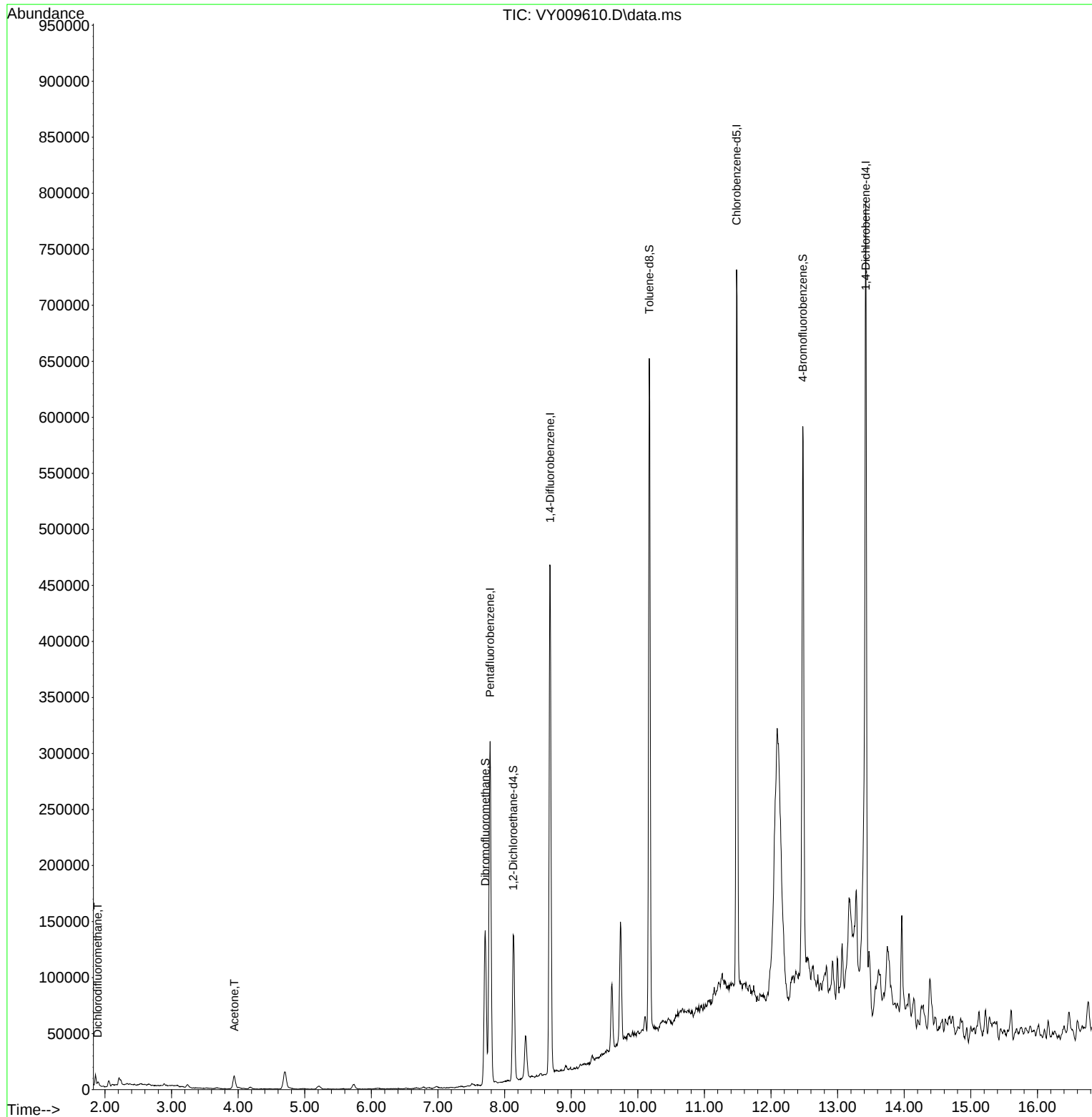
Internal Standards						
1) Pentafluorobenzene	7.783	168	251427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	410961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	364670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	100880	42.424	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.840%
35) Dibromofluoromethane	7.710	113	99684	38.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.000%
50) Toluene-d8	10.173	98	404036	40.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	81.180%
62) 4-Bromofluorobenzene	12.477	95	131750	40.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	81.700%
Target Compounds						
2) Dichlorodifluoromethane	1.894	85	2504	1.135	ug/l	84
16) Acetone	3.942	43	20405	33.922	ug/l #	79

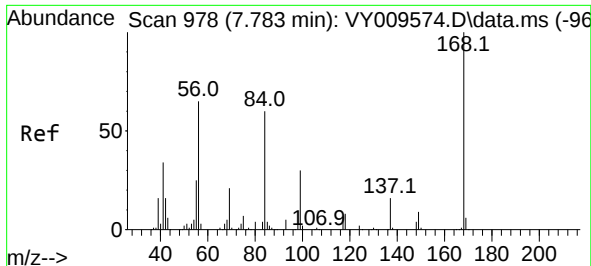
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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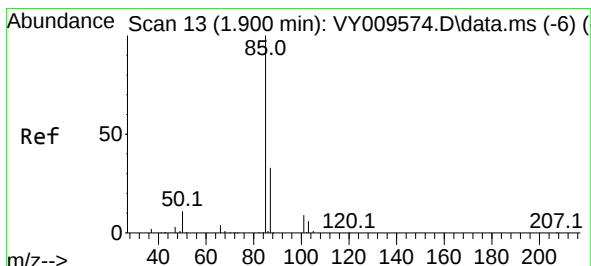
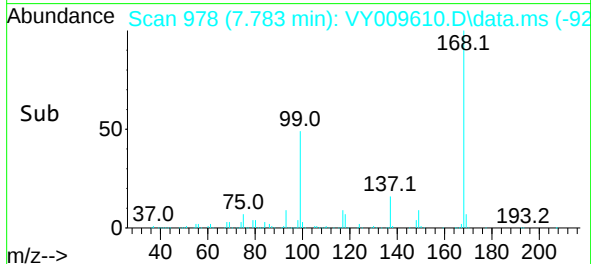
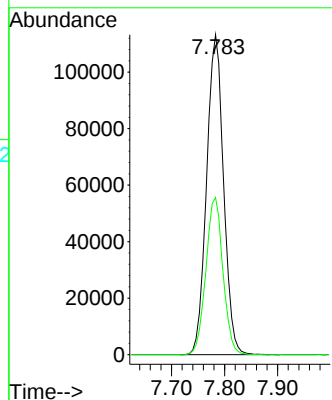
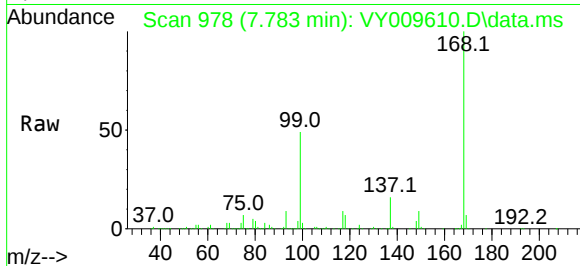




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

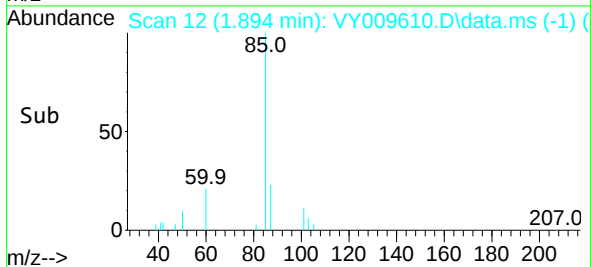
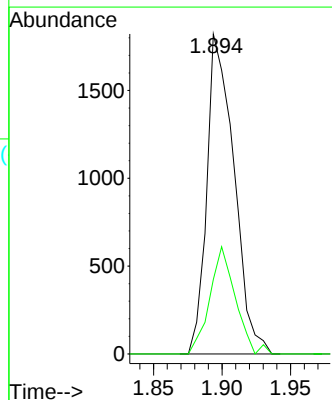
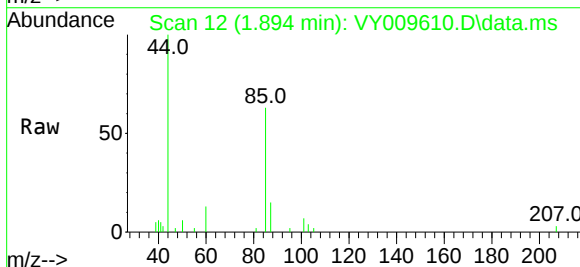
Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

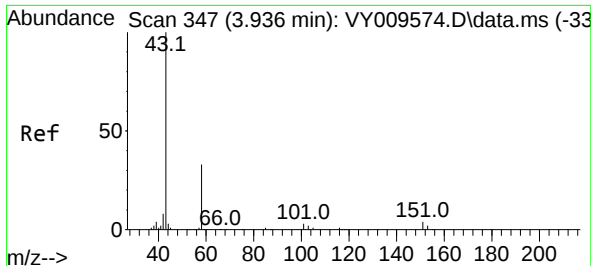
Tgt Ion:168 Resp: 251427
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.135 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 85 Resp: 2504
Ion Ratio Lower Upper
85 100
87 23.2 16.1 48.2

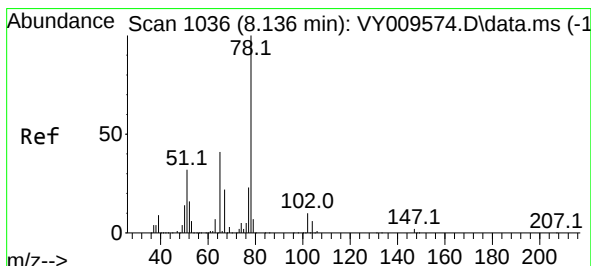
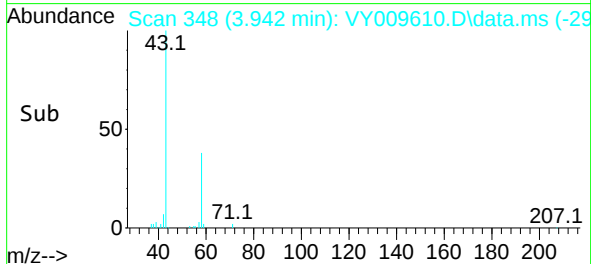
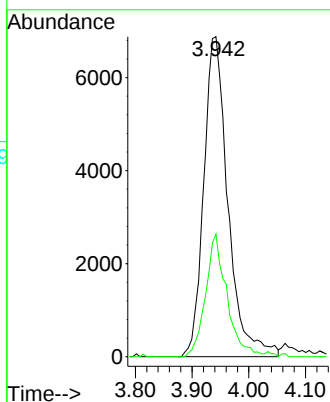
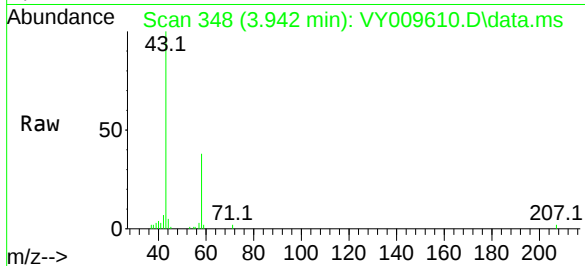




#16
Acetone
Concen: 33.922 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

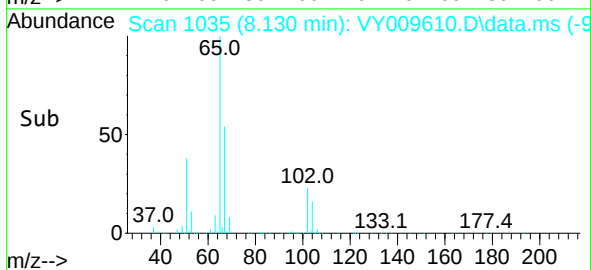
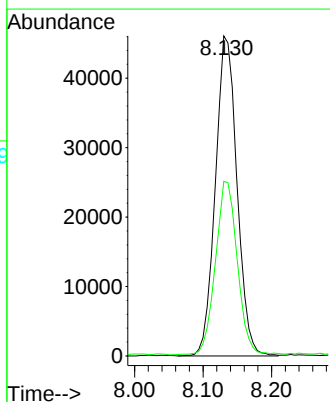
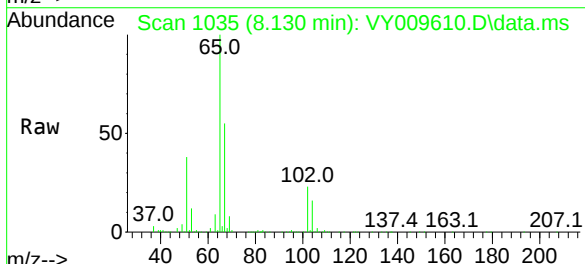
Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

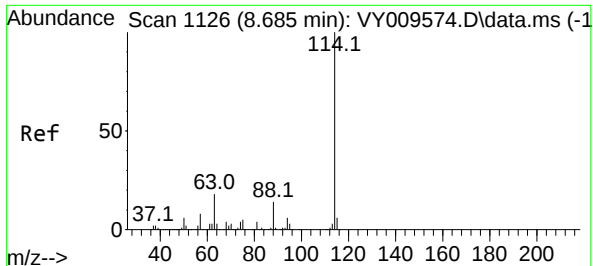
Tgt Ion: 43 Resp: 20405
Ion Ratio Lower Upper
43 100
58 38.3 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 42.424 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion: 65 Resp: 100880
Ion Ratio Lower Upper
65 100
67 55.0 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: VY009610.D

Acq: 20 Jul 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

SED-1A-(24-30)

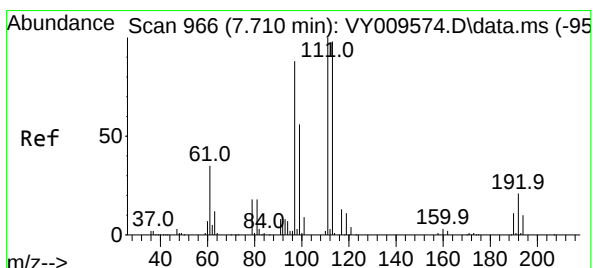
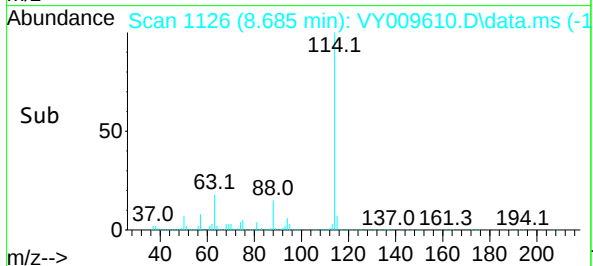
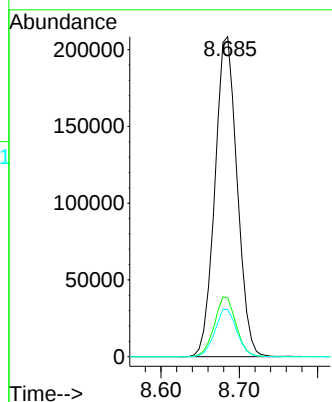
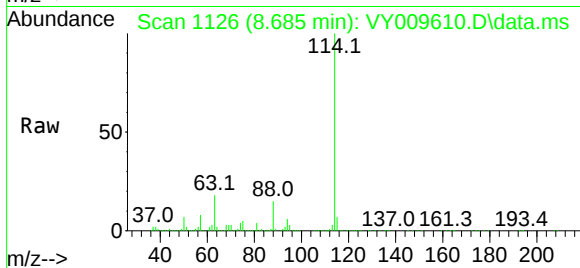
Tgt Ion:114 Resp: 410961

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.502 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009610.D

Acq: 20 Jul 2022 14:20

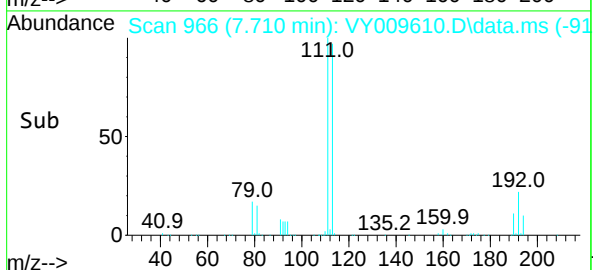
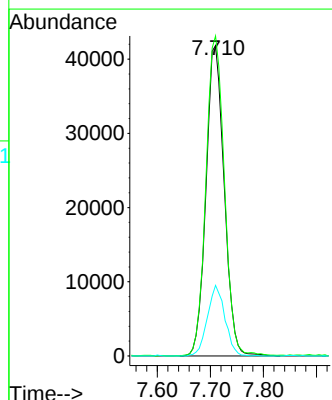
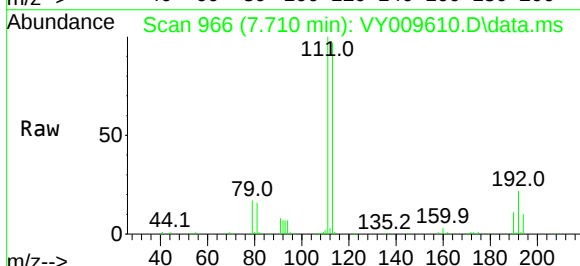
Tgt Ion:113 Resp: 99684

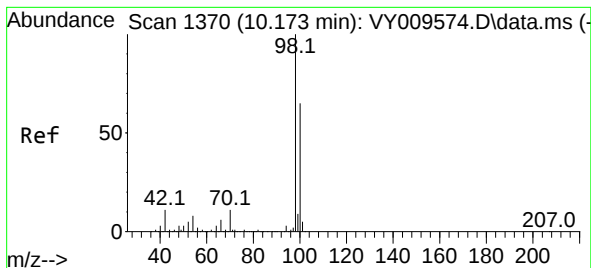
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 21.9 17.6 26.4





#50

Toluene-d8

Concen: 40.594 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009610.D

Acq: 20 Jul 2022 14:20

Instrument :

MSVOA_Y

ClientSampleId :

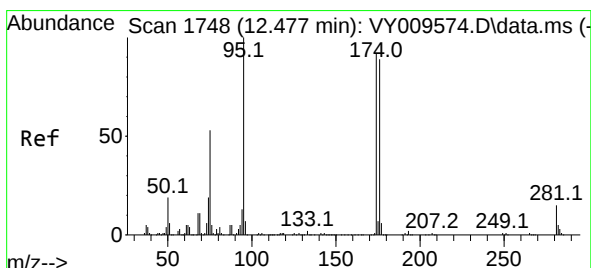
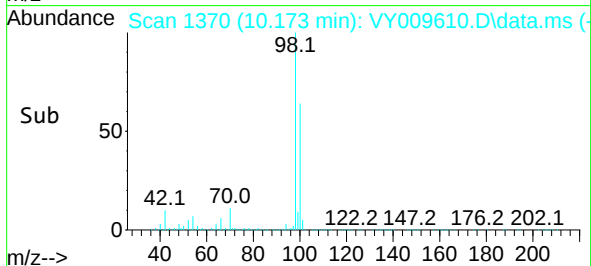
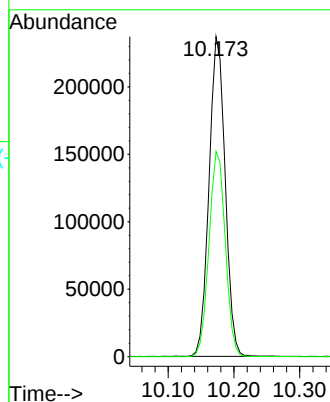
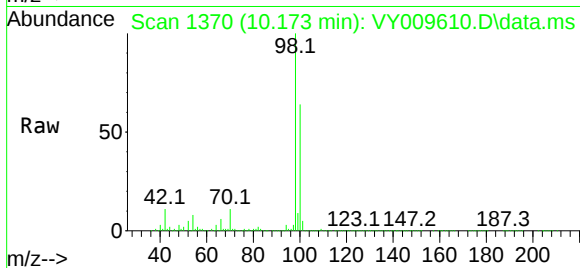
SED-1A-(24-30)

Tgt Ion: 98 Resp: 404036

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 40.852 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009610.D

Acq: 20 Jul 2022 14:20

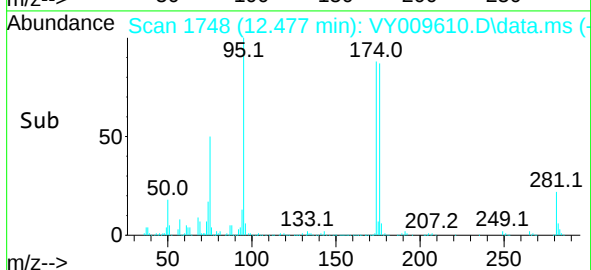
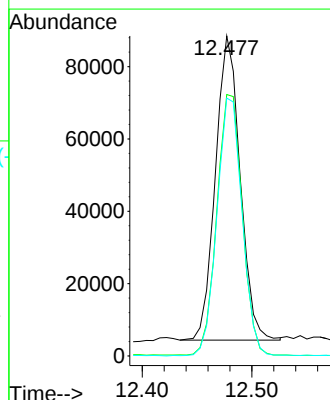
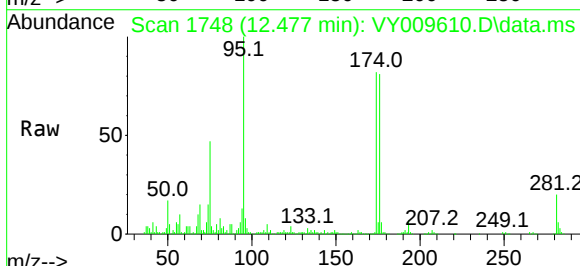
Tgt Ion: 95 Resp: 131750

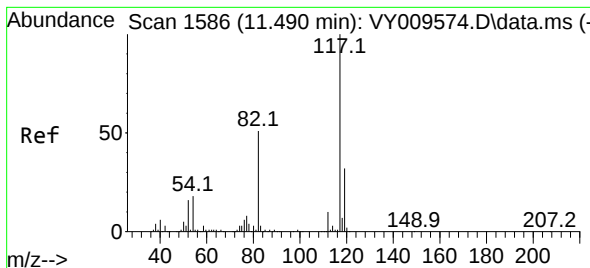
Ion Ratio Lower Upper

95 100

174 88.6 0.0 177.0

176 86.6 0.0 175.8

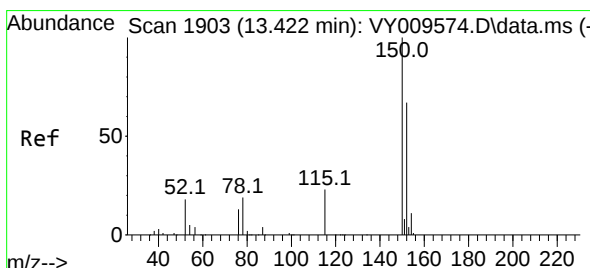
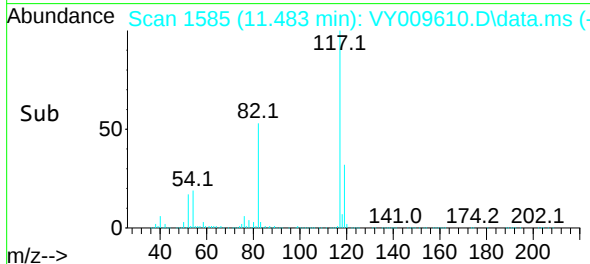
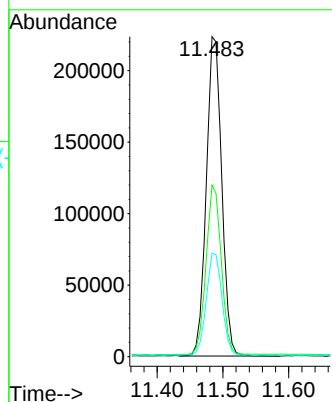
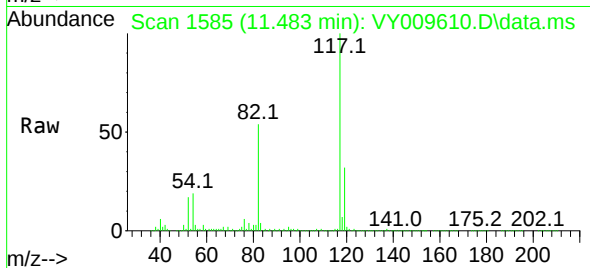




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009610.D
Acq: 20 Jul 2022 14:20

Instrument :
MSVOA_Y
ClientSampleId :
SED-1A-(24-30)

Tgt Ion:117 Resp: 364670
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.0 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: VY009610.D
Acq: 20 Jul 2022 14:20

Tgt Ion:152 Resp: 166012
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 153.9 0.0 347.6

