

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009994.D
 Acq On : 12 Aug 2022 18:24
 Operator : KP/MD
 Sample : N4143-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21204

Quant Time: Aug 13 02:57:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

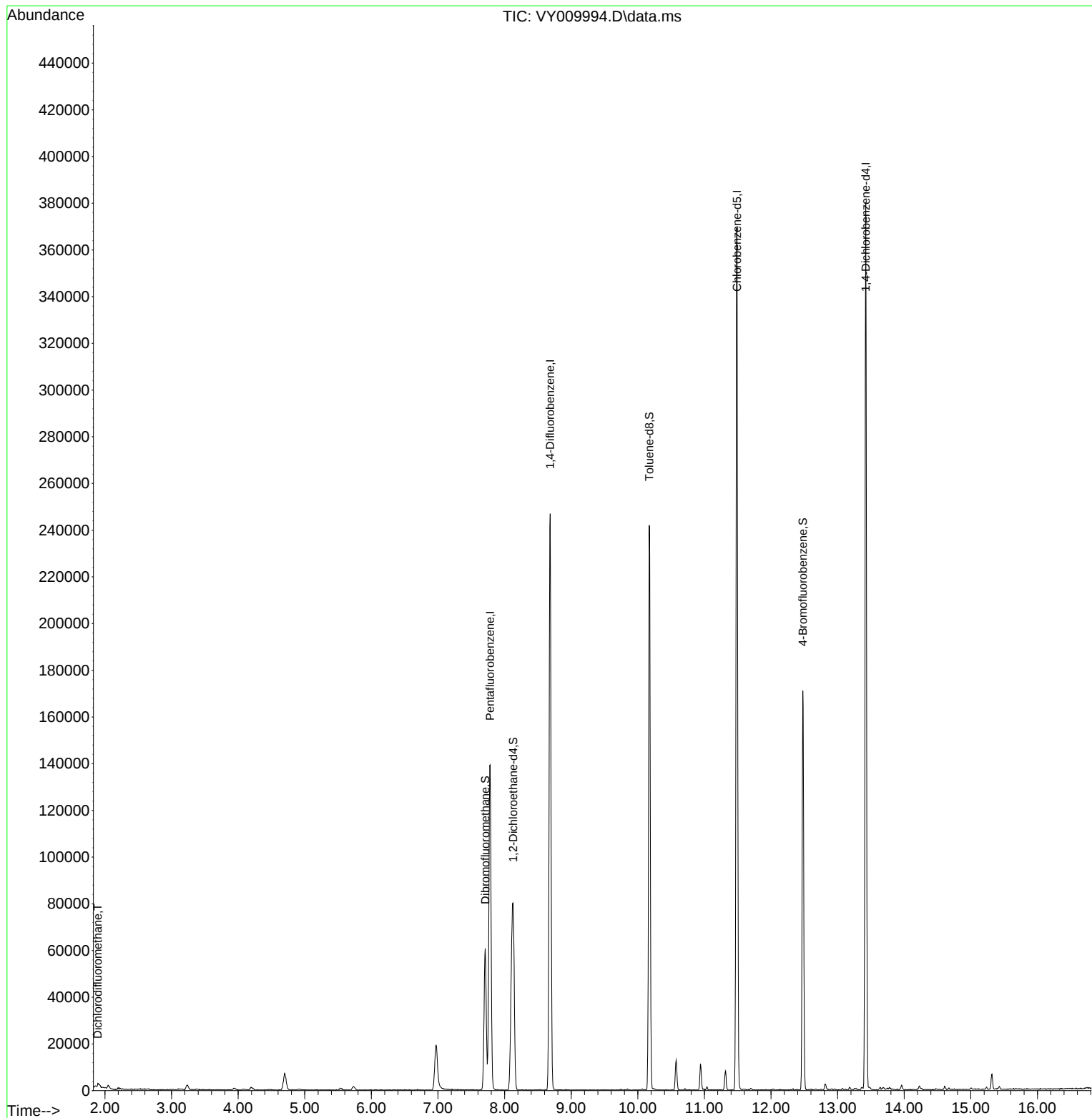
Internal Standards						
1) Pentafluorobenzene	7.783	168	109163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	221233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42001	37.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.860%
35) Dibromofluoromethane	7.710	113	44777	33.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.140%
50) Toluene-d8	10.173	98	162722	31.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.720%
62) 4-Bromofluorobenzene	12.477	95	56425	29.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.360%
Target Compounds						
2) Dichlorodifluoromethane	1.894	85	1274	1.300	ug/l	98

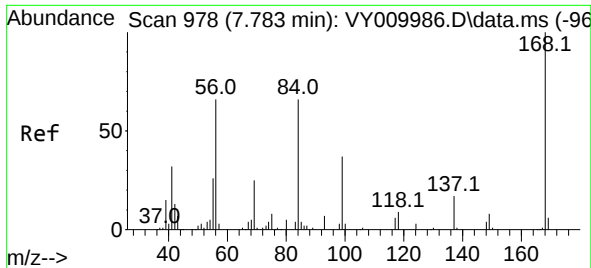
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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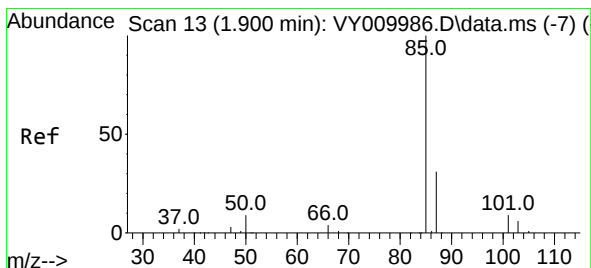
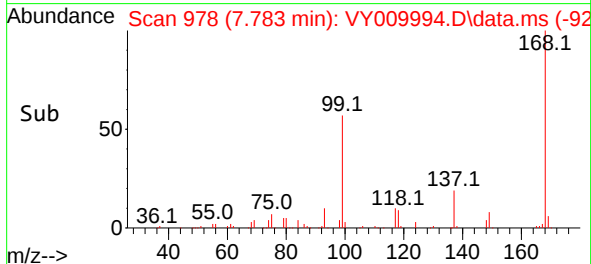
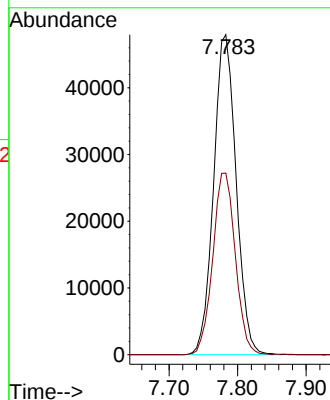
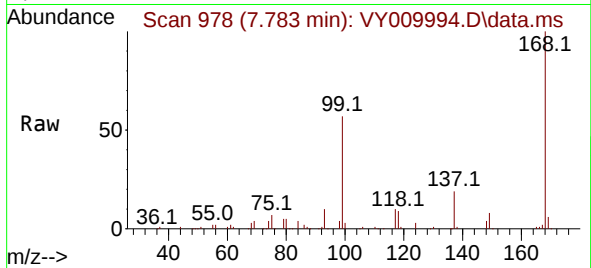




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

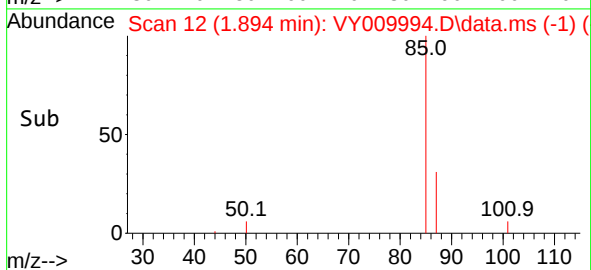
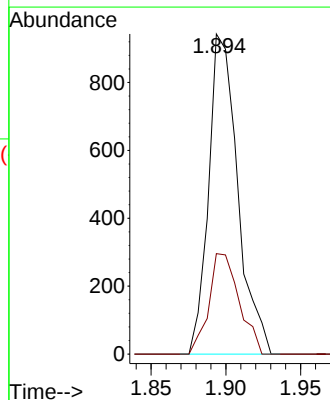
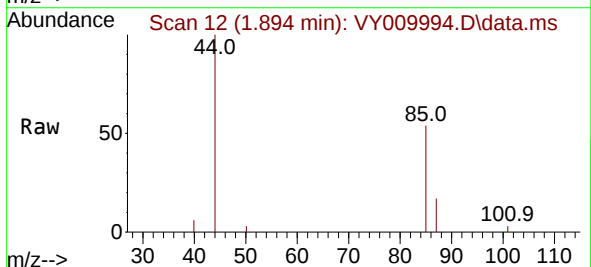
Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

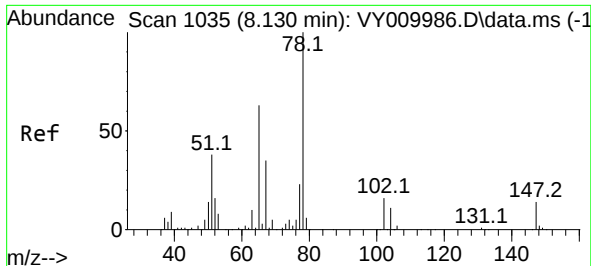
Tgt Ion:168 Resp: 109163
Ion Ratio Lower Upper
168 100
99 56.8 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 1.300 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

Tgt Ion: 85 Resp: 1274
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.5





#33

1,2-Dichloroethane-d4

Concen: 37.929 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009994.D

Acq: 12 Aug 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

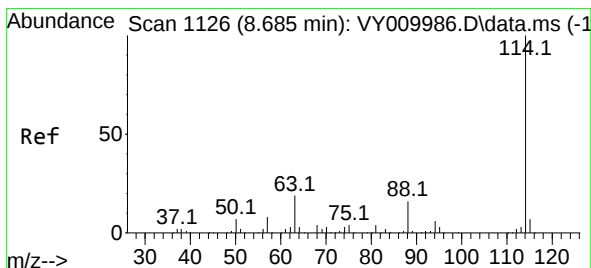
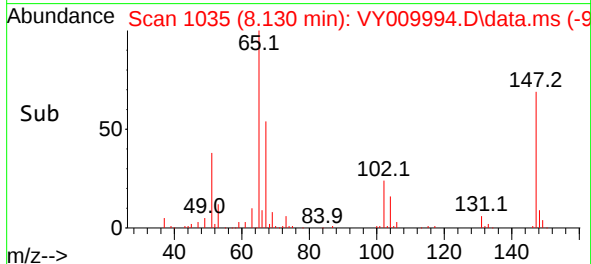
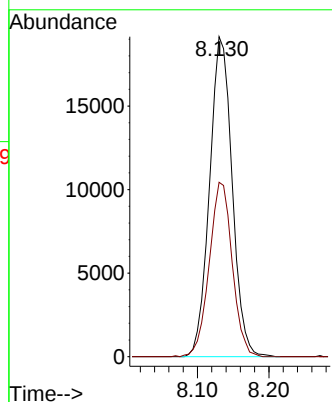
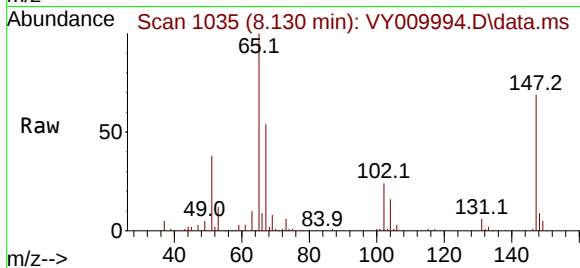
RB-21204

Tgt Ion: 65 Resp: 42001

Ion Ratio Lower Upper

65 100

67 55.5 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: VY009994.D

Acq: 12 Aug 2022 18:24

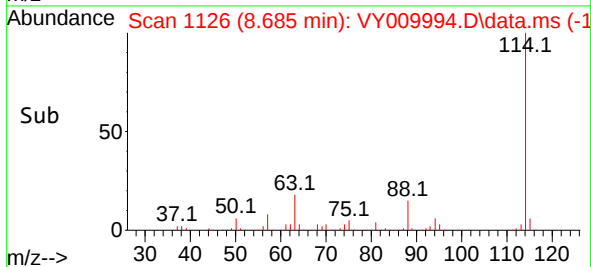
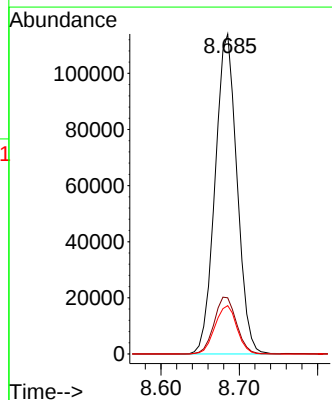
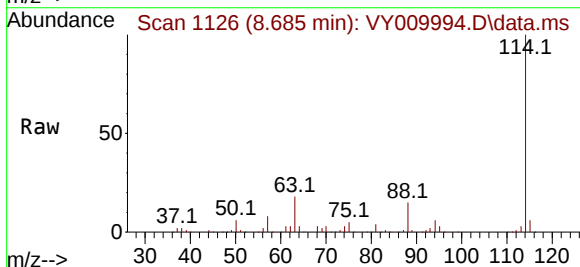
Tgt Ion: 114 Resp: 221233

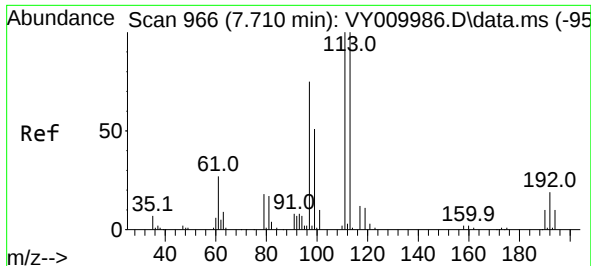
Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.0

88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 33.069 ug/l

RT: 7.710 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY009994.D

Acq: 12 Aug 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

RB-21204

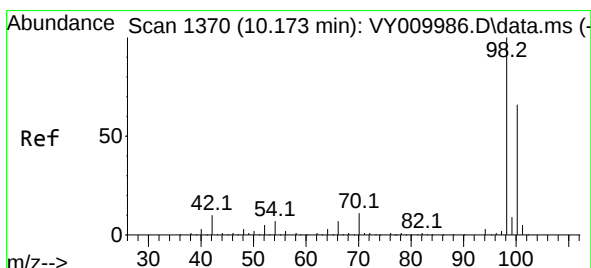
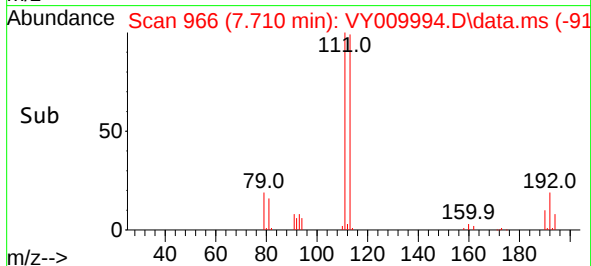
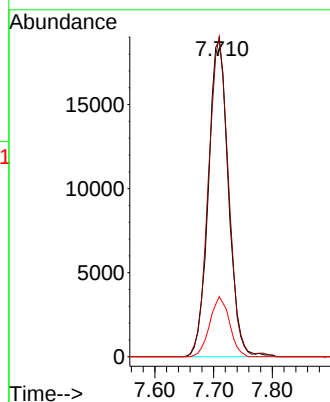
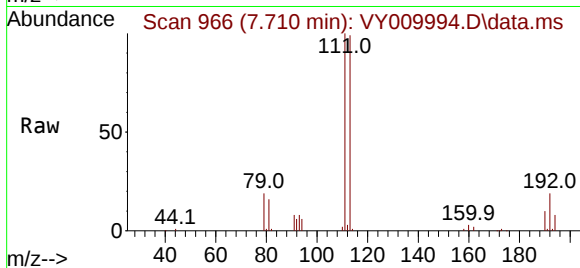
Tgt Ion:113 Resp: 44777

Ion Ratio Lower Upper

113 100

111 100.2 80.6 120.8

192 18.6 16.2 24.4



#50

Toluene-d8

Concen: 31.364 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009994.D

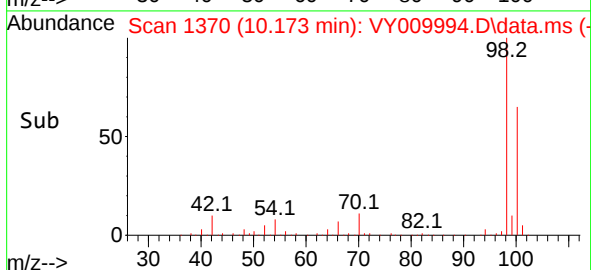
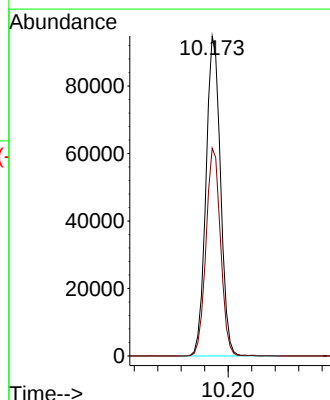
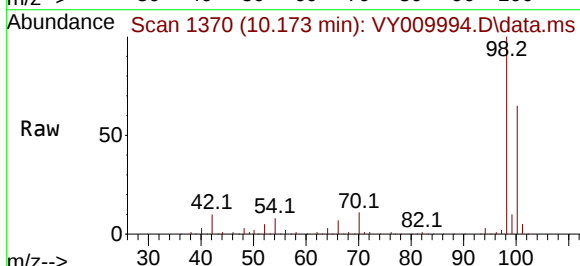
Acq: 12 Aug 2022 18:24

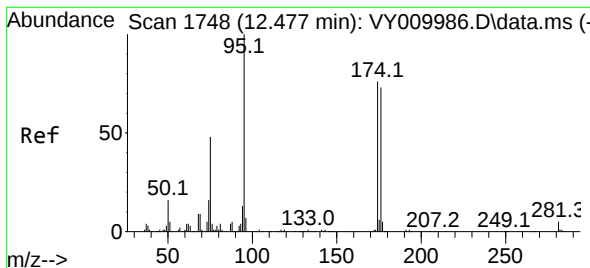
Tgt Ion: 98 Resp: 162722

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3

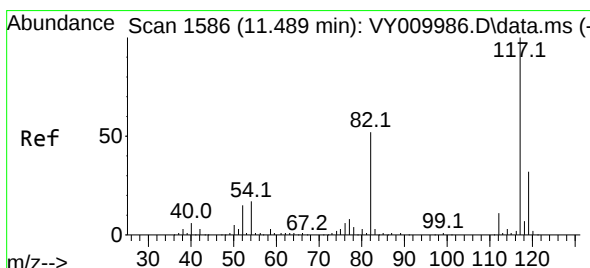
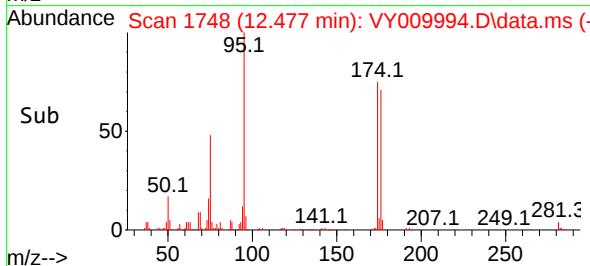
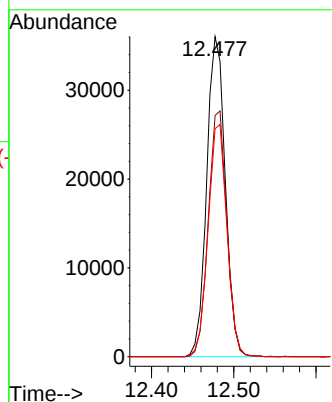
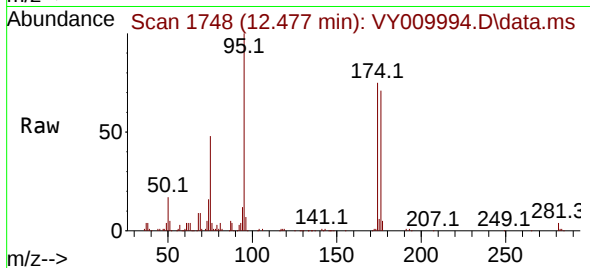




#62
4-Bromofluorobenzene
Concen: 29.684 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

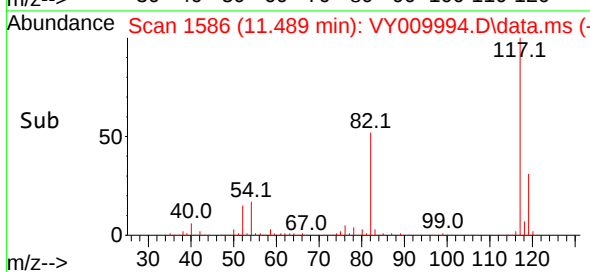
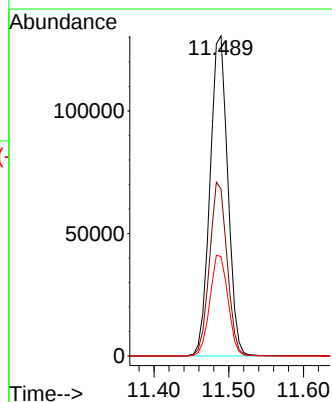
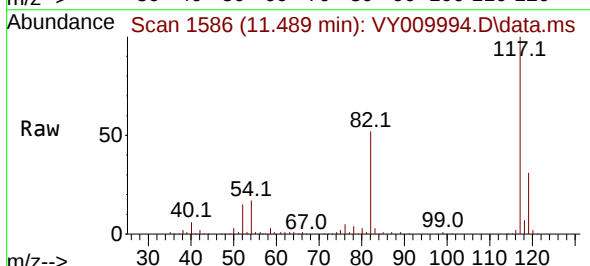
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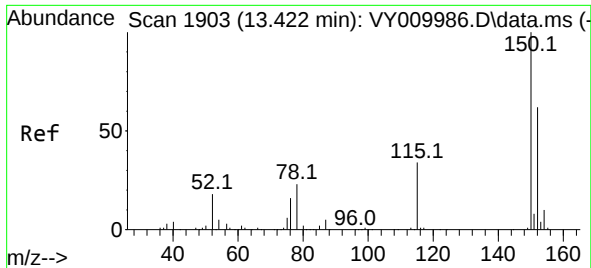
Tgt Ion: 95 Resp: 56425
Ion Ratio Lower Upper
95 100
174 77.1 0.0 173.8
176 73.9 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009994.D
Acq: 12 Aug 2022 18:24

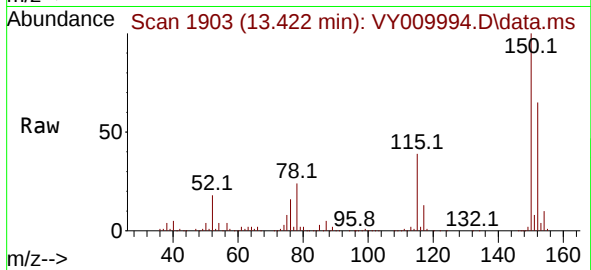
Tgt Ion: 117 Resp: 215500
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009994.D
 Acq: 12 Aug 2022 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21204



Tgt Ion:152 Resp: 97489
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.6 85.9
 150 156.5 0.0 349.8

