

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010204.D
 Acq On : 25 Aug 2022 13:49
 Operator : KP/MD
 Sample : N4327-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Aug 26 06:46:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

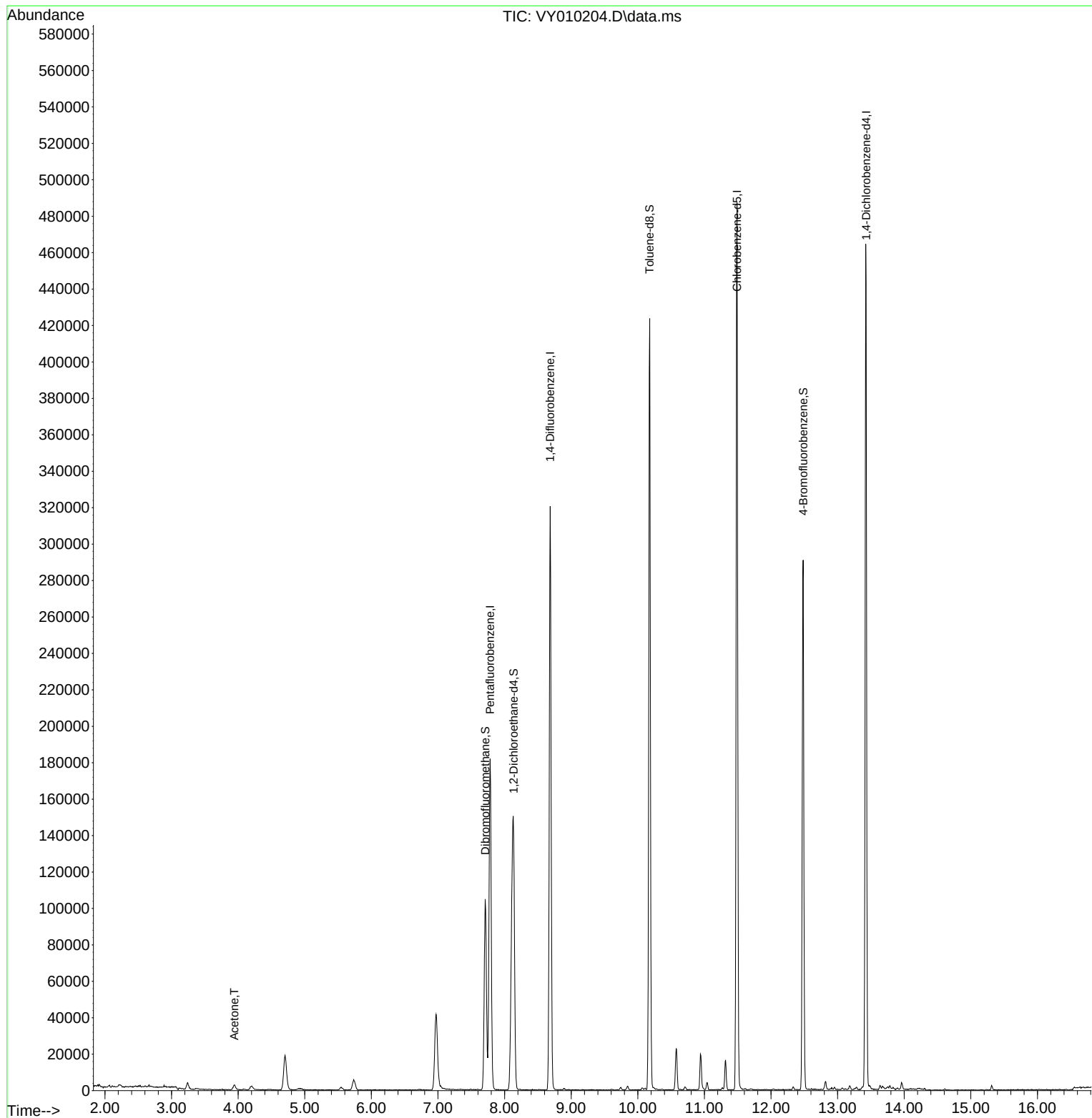
Internal Standards						
1) Pentafluorobenzene	7.783	168	145329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81206	67.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.400%
35) Dibromofluoromethane	7.710	113	74689	41.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.860%
50) Toluene-d8	10.179	98	272641	44.103	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.483	95	87541	36.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	73.920%
Target Compounds						
16) Acetone	3.942	43	4960	12.571	ug/l	Qvalue 94

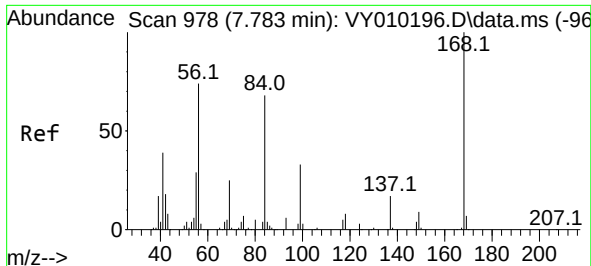
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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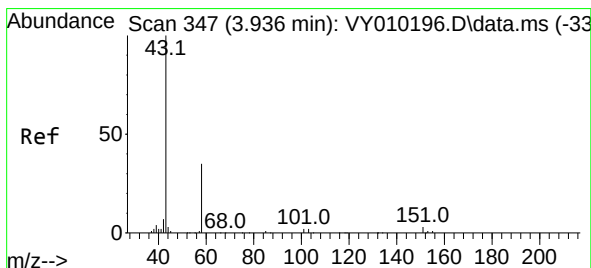
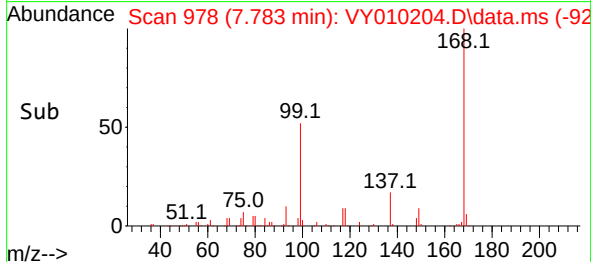
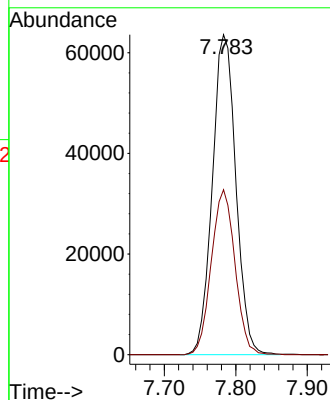
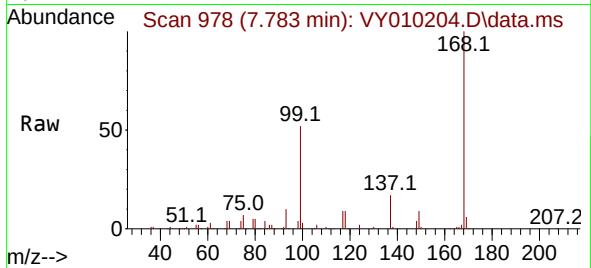




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010204.D
Acq: 25 Aug 2022 13:49

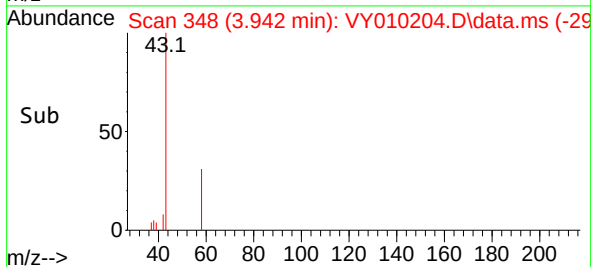
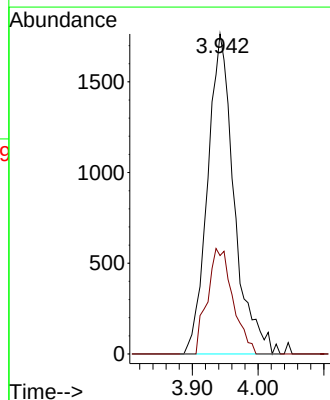
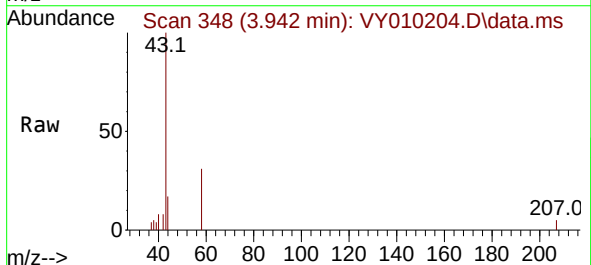
Instrument :
MSVOA_Y
ClientSampleId :
VOC

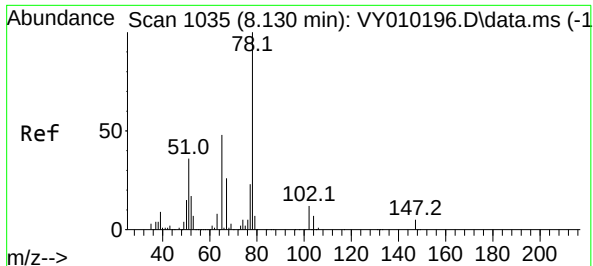
Tgt Ion:168 Resp: 145329
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#16
Acetone
Concen: 12.571 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010204.D
Acq: 25 Aug 2022 13:49

Tgt Ion: 43 Resp: 4960
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 67.700 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010204.D

Acq: 25 Aug 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

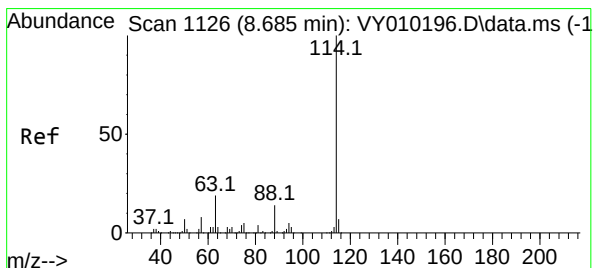
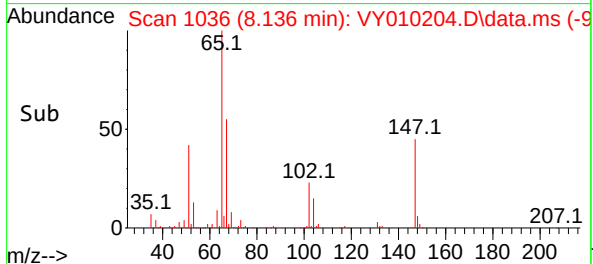
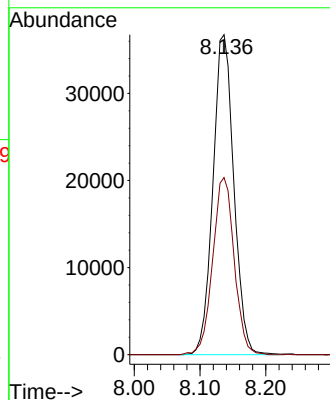
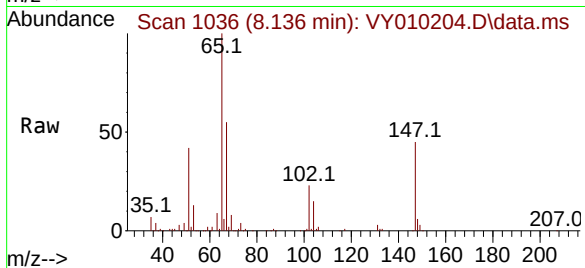
VOC

Tgt Ion: 65 Resp: 81206

Ion Ratio Lower Upper

65 100

67 56.9 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: VY010204.D

Acq: 25 Aug 2022 13:49

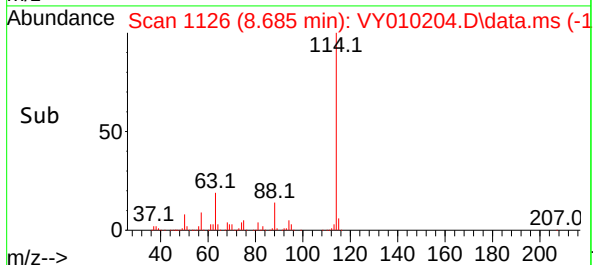
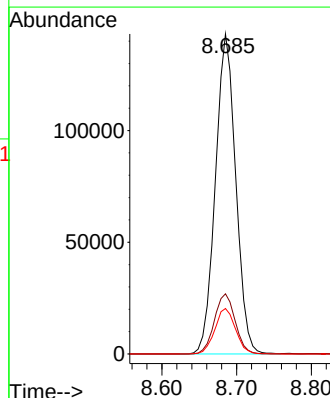
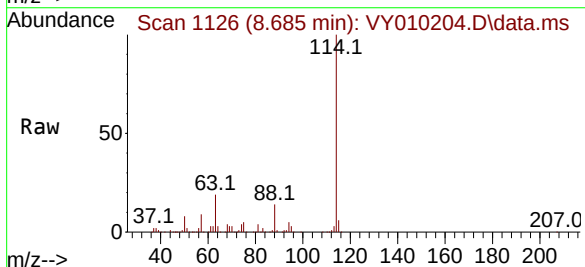
Tgt Ion:114 Resp: 271691

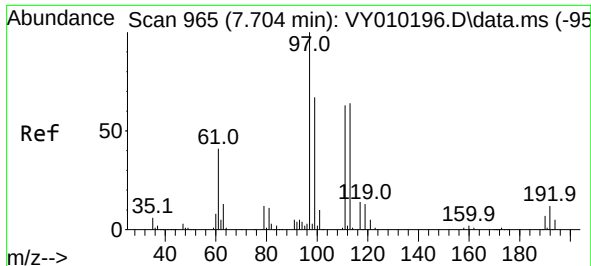
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.2 0.0 31.8

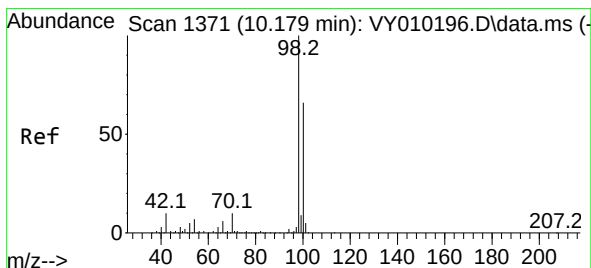
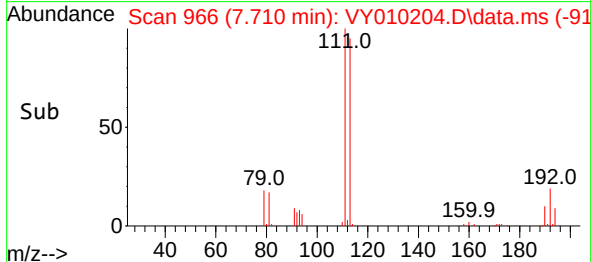
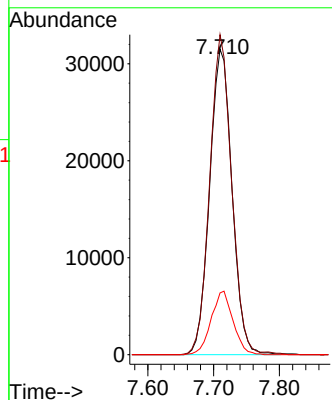
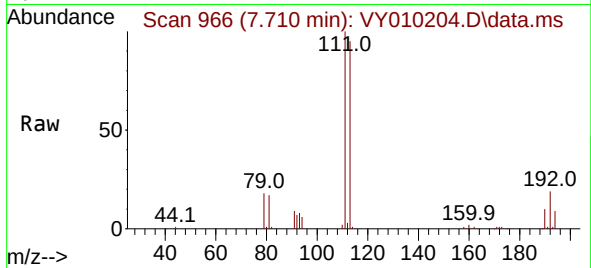




#35
Dibromofluoromethane
Concen: 41.928 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010204.D
Acq: 25 Aug 2022 13:49

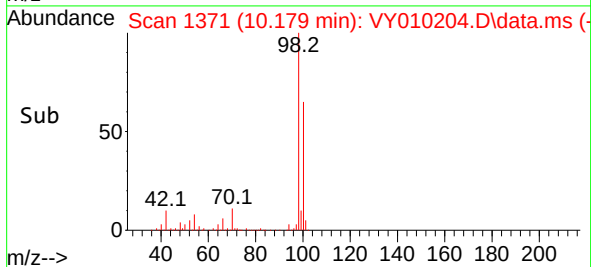
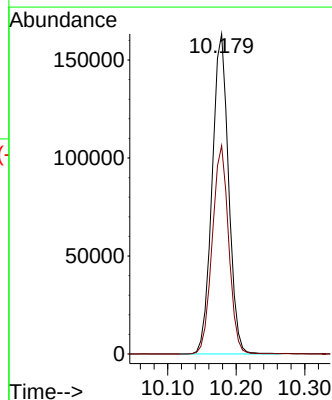
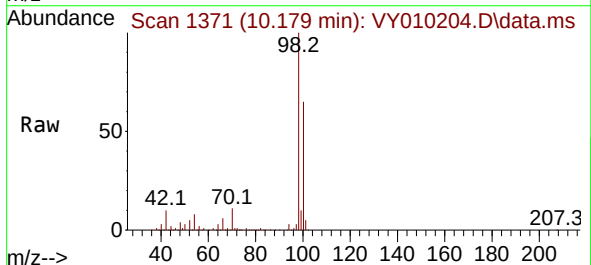
Instrument :
MSVOA_Y
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VOC

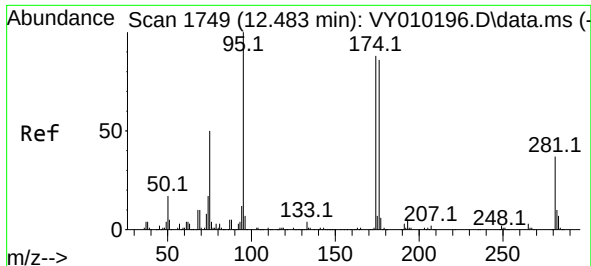
Tgt Ion:113 Resp: 74689
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 44.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010204.D
Acq: 25 Aug 2022 13:49

Tgt Ion: 98 Resp: 272641
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

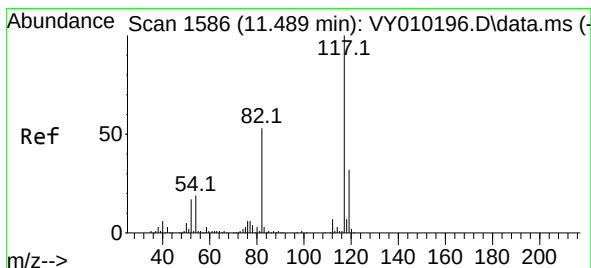
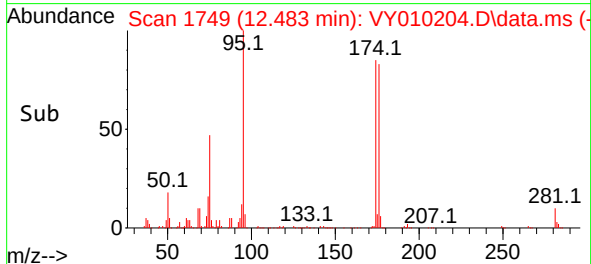
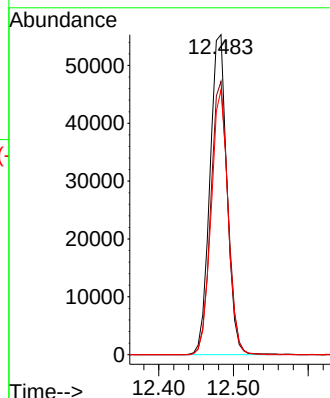
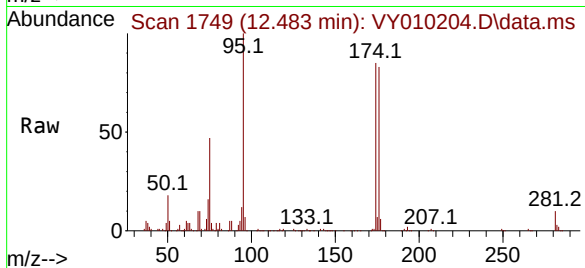




#62
4-Bromofluorobenzene
Concen: 36.964 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010204.D
Acq: 25 Aug 2022 13:49

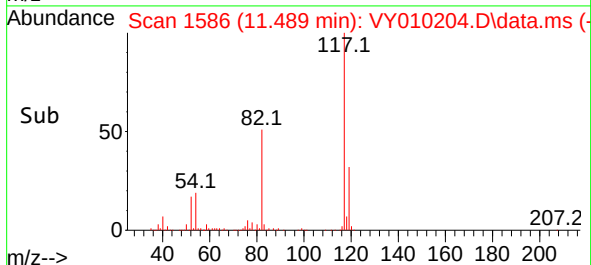
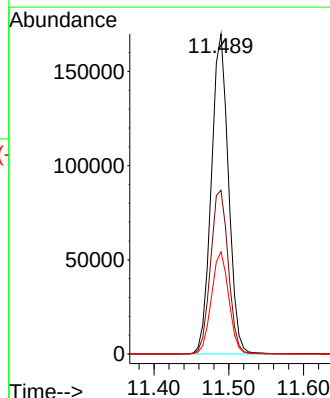
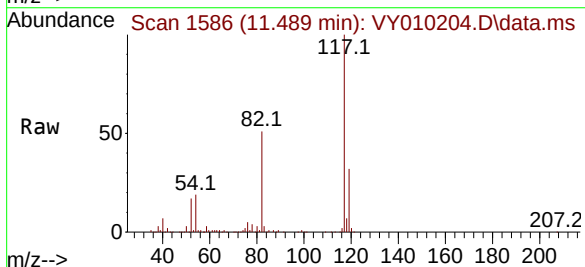
Instrument :
MSVOA_Y
ClientSampleId :
VOC

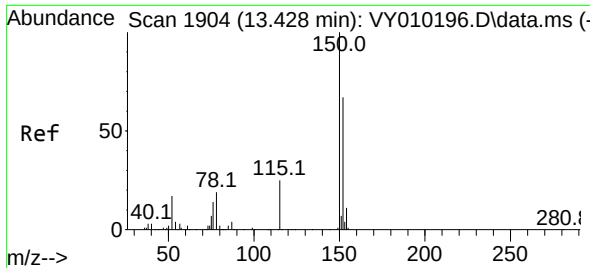
Tgt Ion: 95 Resp: 87541
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 81.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010204.D
Acq: 25 Aug 2022 13:49

Tgt Ion: 117 Resp: 270542
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY010204.D
 Acq: 25 Aug 2022 13:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Tgt Ion:152 Resp: 120597
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 156.8 0.0 347.6

