

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
 Data File : VY006430.D
 Acq On : 21 Oct 2021 17:15
 Operator : SY/MD
 Sample : M4308-03
 Misc : 4.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Oct 22 03:38:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

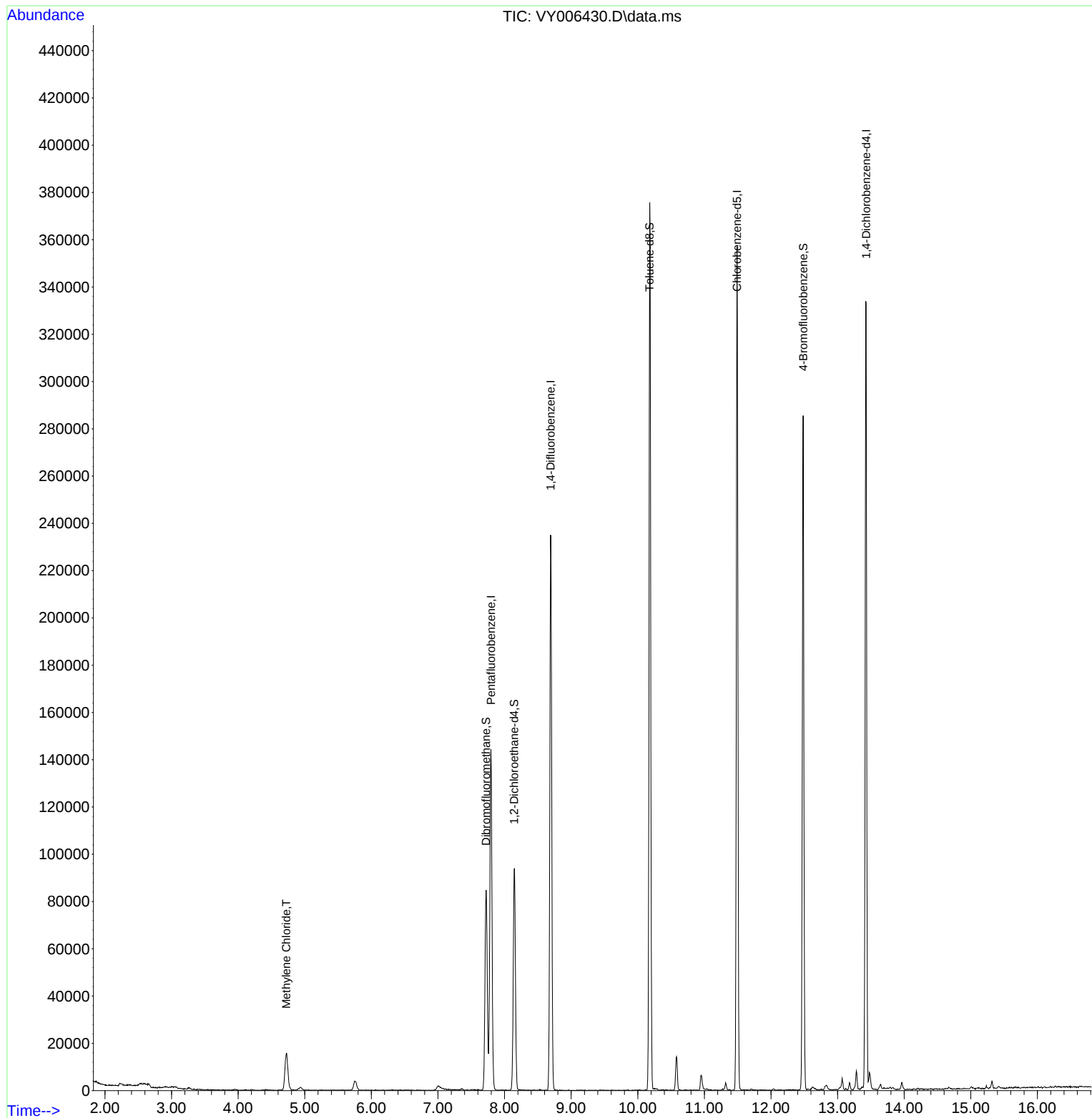
Internal Standards						
1) Pentafluorobenzene	7.795	168	111390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77973	65.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.800%
35) Dibromofluoromethane	7.722	113	56247	55.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.860%
50) Toluene-d8	10.179	98	239460	56.385	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.780%
62) 4-Bromofluorobenzene	12.483	95	75230	52.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.280%
Target Compounds						
20) Methylene Chloride	4.723	84	11434	6.721	ug/l	Qvalue # 91

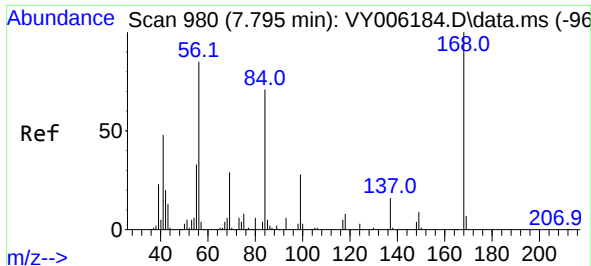
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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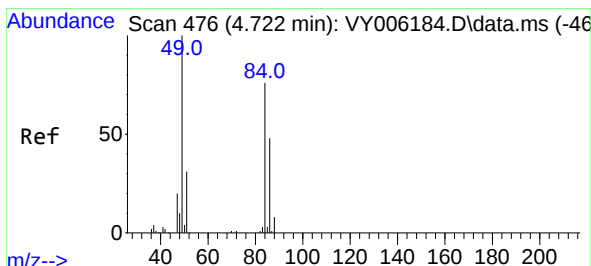
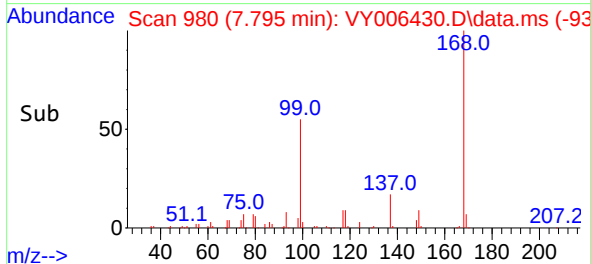
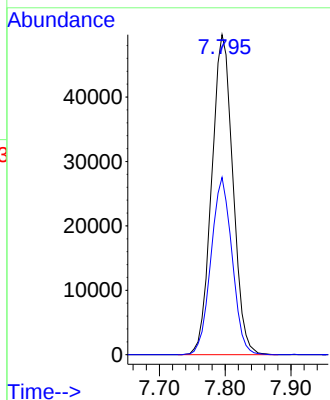
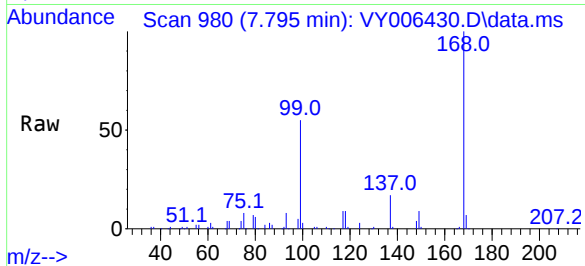




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

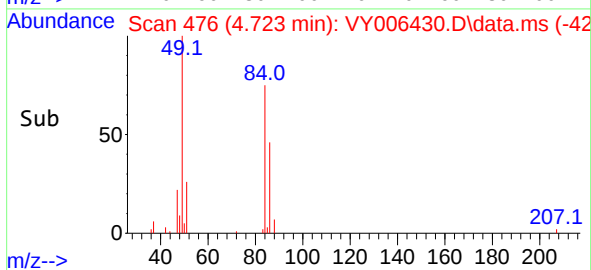
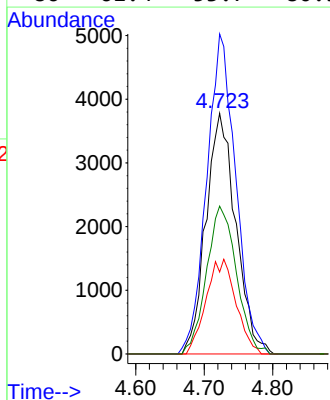
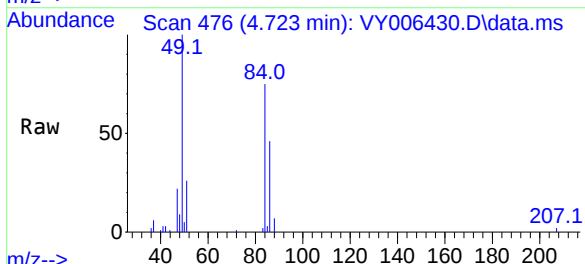
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

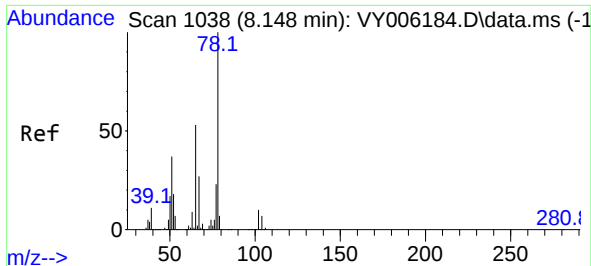
Tgt Ion:168 Resp: 111390
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#20
Methylene Chloride
Concen: 6.721 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

Tgt Ion: 84 Resp: 11434
Ion Ratio Lower Upper
84 100
49 132.9 114.4 171.6
51 34.0 35.3 52.9#
86 61.4 53.7 80.5

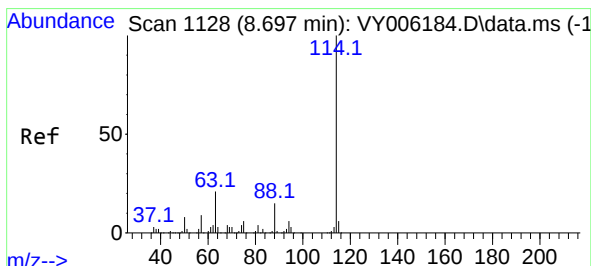
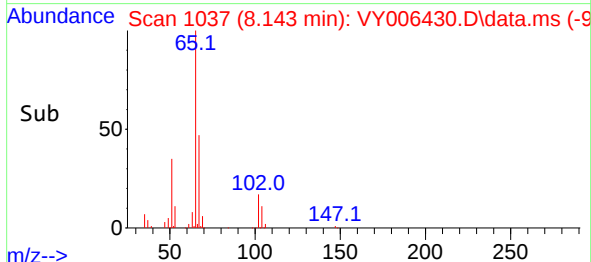
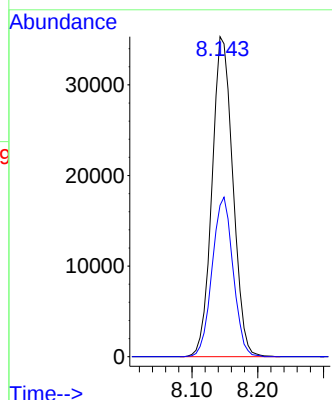
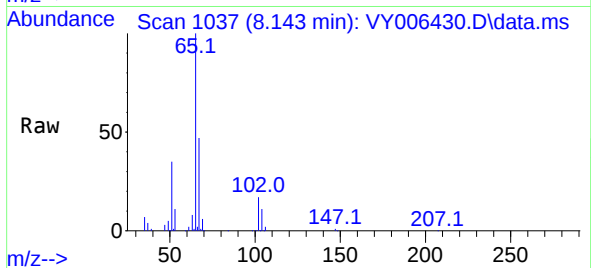




#33
1,2-Dichloroethane-d4
Concen: 65.403 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

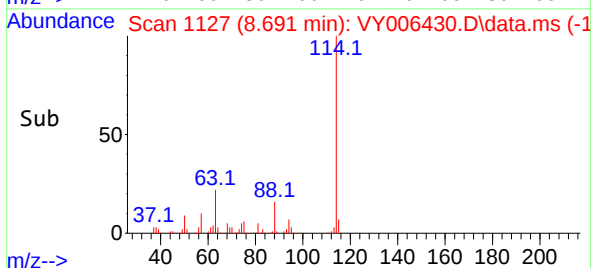
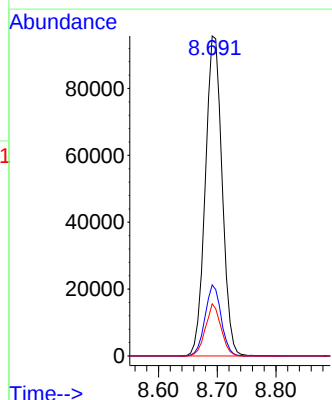
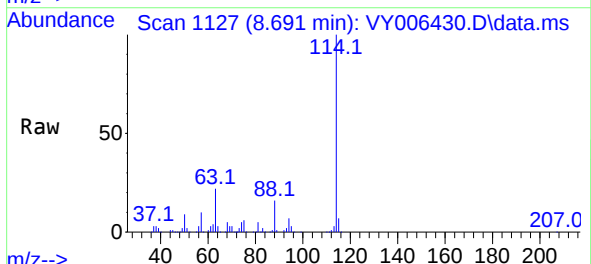
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

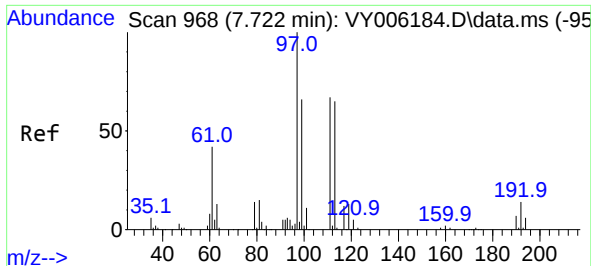
Tgt Ion: 65 Resp: 77973
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

Tgt Ion: 114 Resp: 189933
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 16.3 0.0 31.8

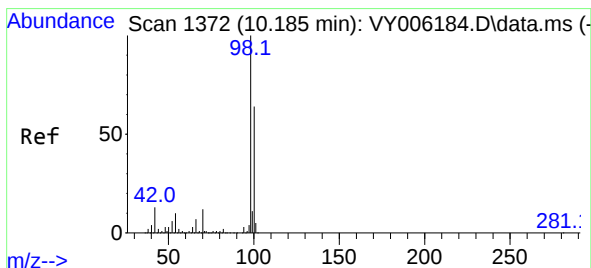
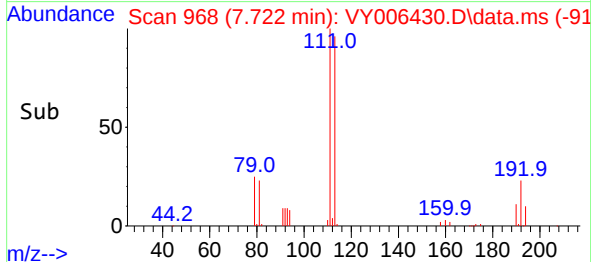
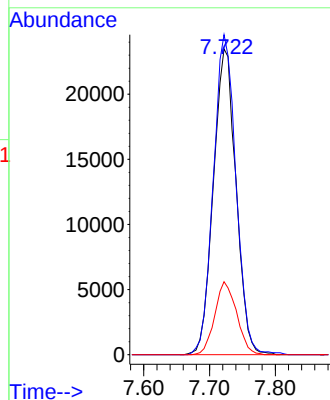
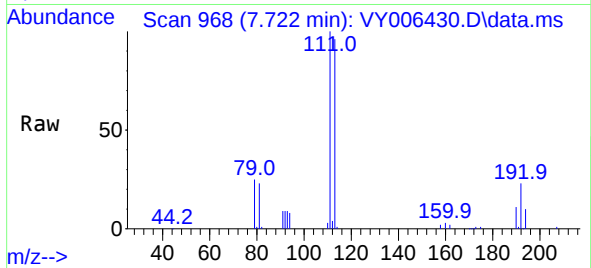




#35
Dibromofluoromethane
Concen: 55.430 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

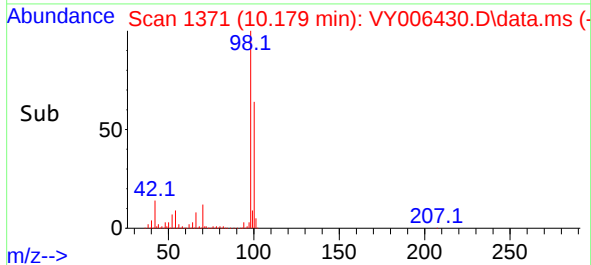
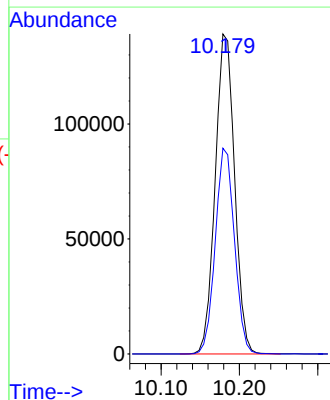
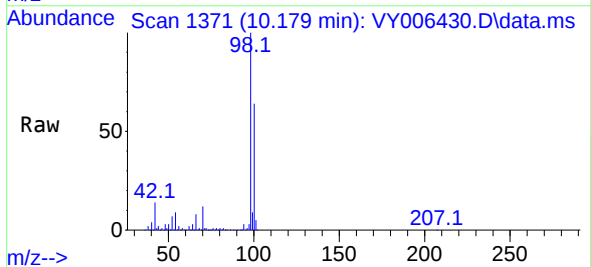
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

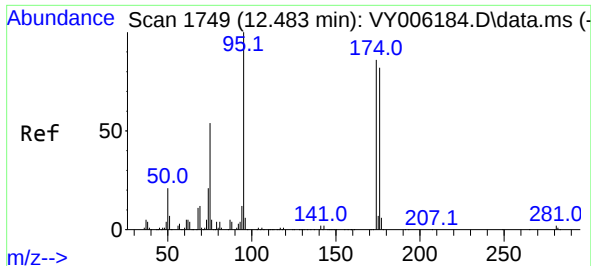
Tgt Ion:113 Resp: 56247
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 23.0 17.6 26.4



#50
Toluene-d8
Concen: 56.385 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

Tgt Ion: 98 Resp: 239460
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



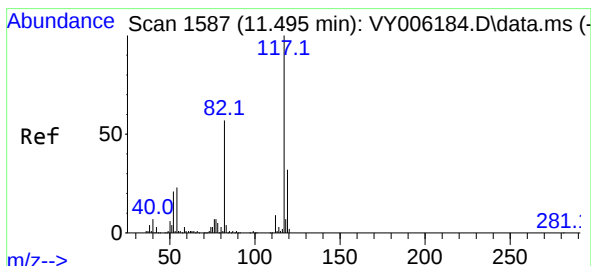
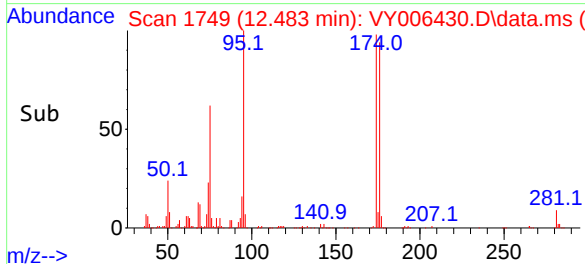
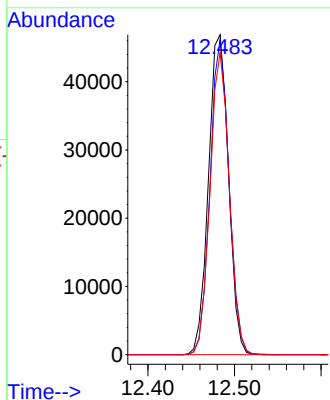
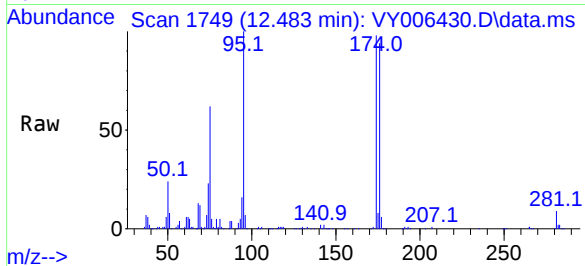


#62
4-Bromofluorobenzene
Concen: 52.145 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 95 Resp: 75230

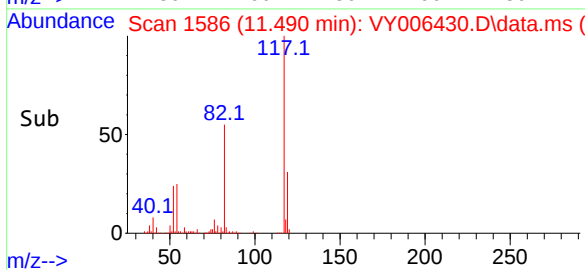
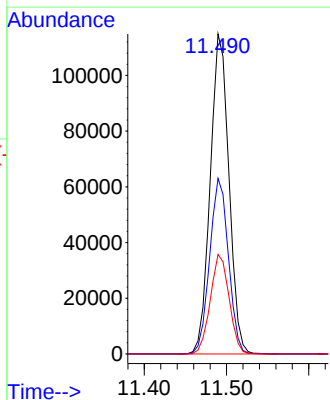
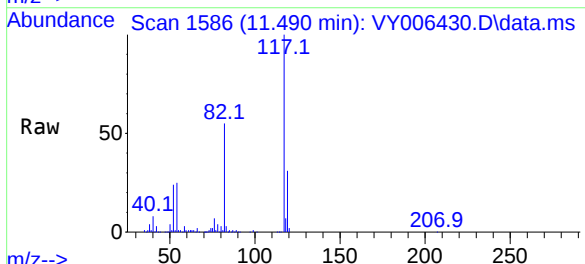
Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	177.0
176	90.8	0.0	175.8

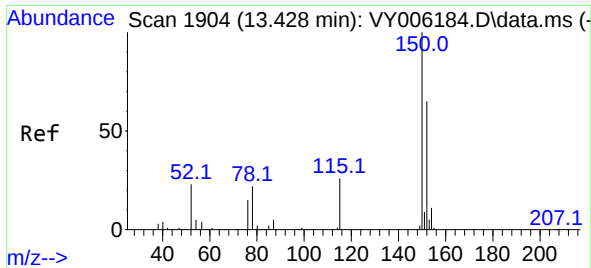


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006430.D
Acq: 21 Oct 2021 17:15

Tgt Ion: 117 Resp: 181320

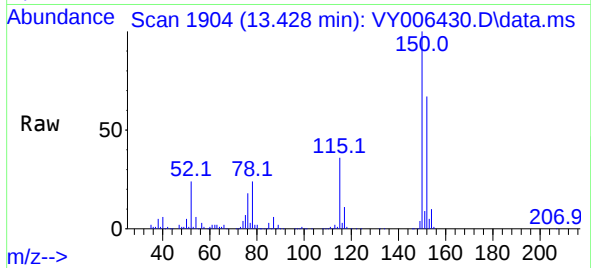
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	31.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006430.D
 Acq: 21 Oct 2021 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3



Tgt Ion:152 Resp: 83833
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 156.2 0.0 347.6

