

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004012.D
 Acq On : 11 Feb 2021 19:30
 Operator : SY/MD
 Sample : M1395-02
 Misc : 5.08g/5mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-020-ABCD

Quant Time: Feb 12 00:12:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	209253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	368861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146612	63.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.44%
35) Dibromofluoromethane	7.722	113	118024	54.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.46%
50) Toluene-d8	10.179	98	459921	54.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.68%
62) 4-Bromofluorobenzene	12.477	95	167097	54.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.32%

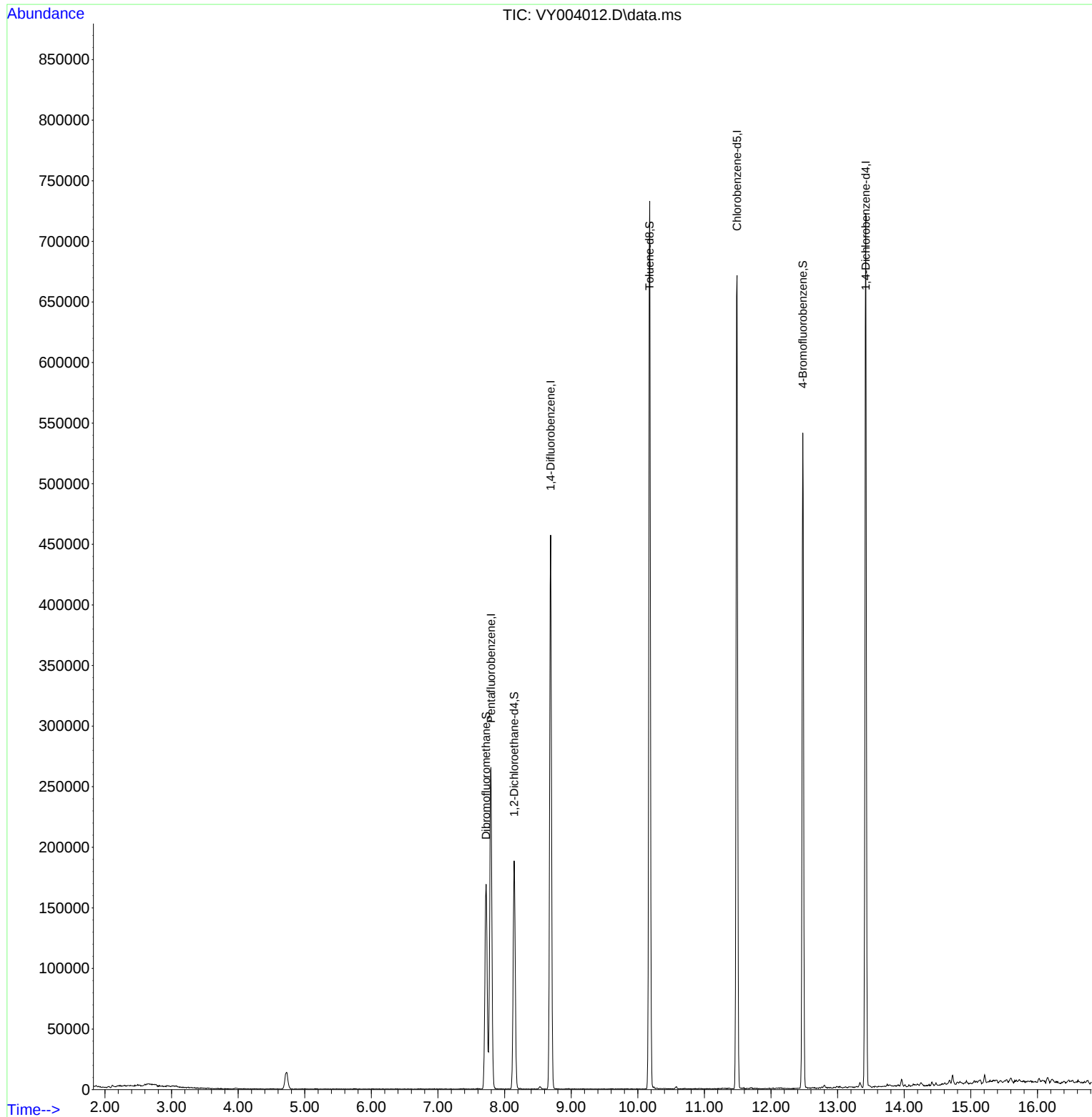
Target Compounds	Qvalue

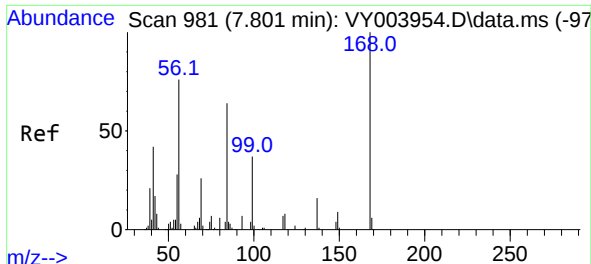
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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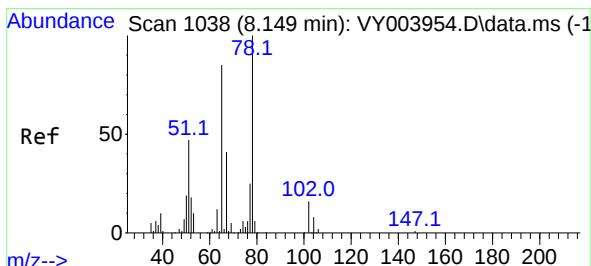
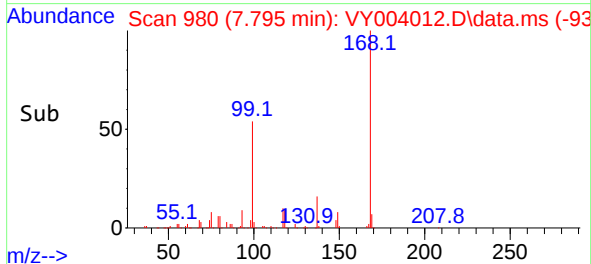
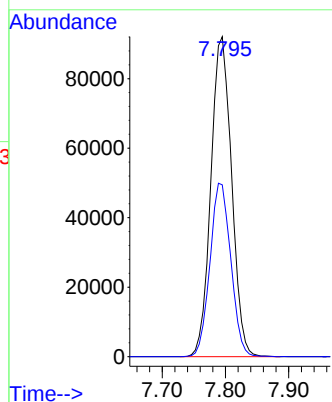
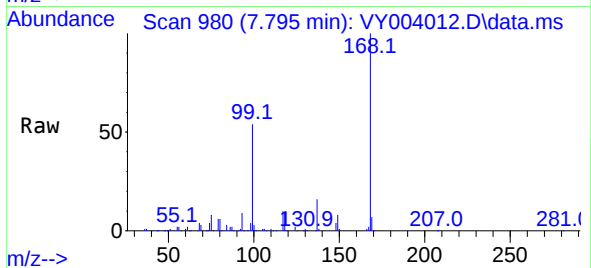




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

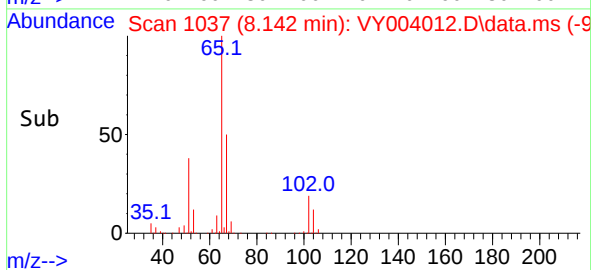
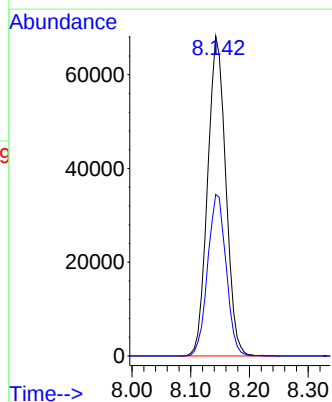
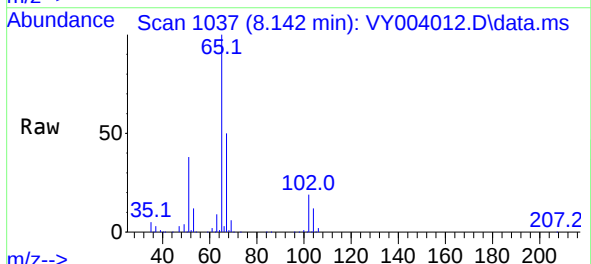
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-020-ABCD

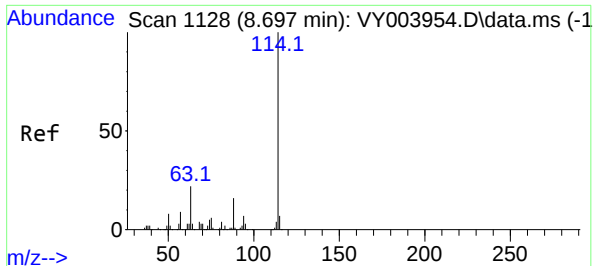
Tgt Ion:168 Resp: 209253
Ion Ratio Lower Upper
168 100
99 53.7 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 63.72 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion: 65 Resp: 146612
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8



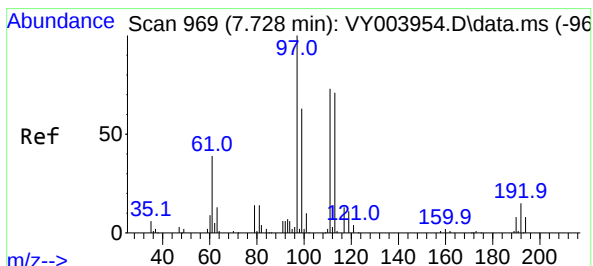
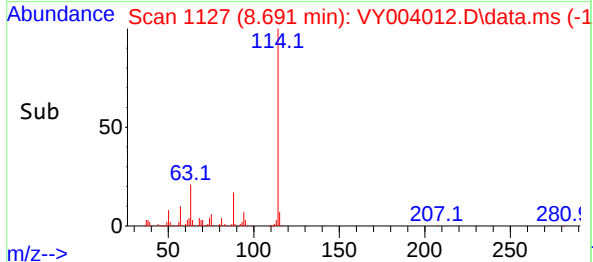
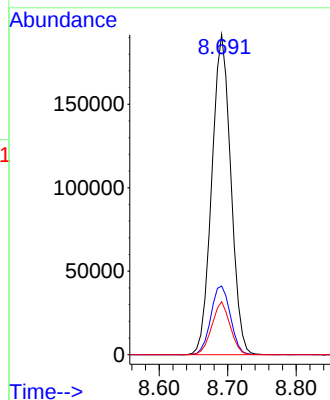
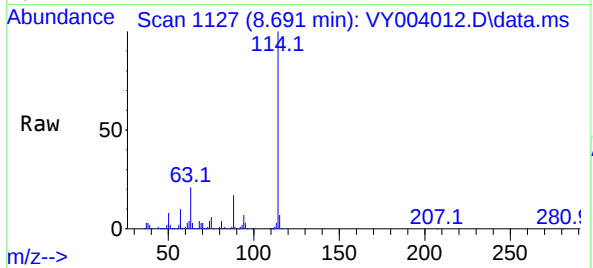


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-020-ABCD

Tgt Ion:114 Resp: 368861

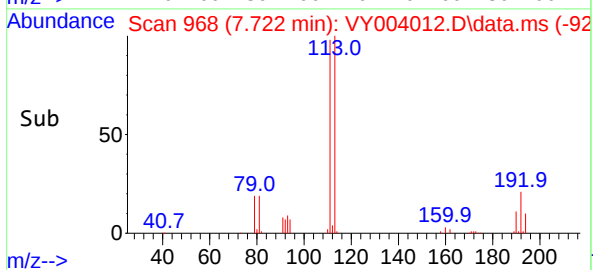
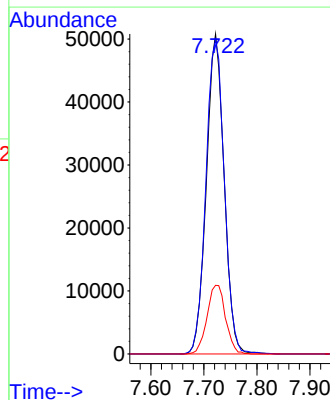
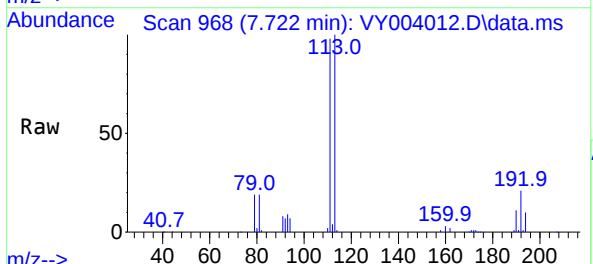
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	47.2
88	16.5	0.0	30.2

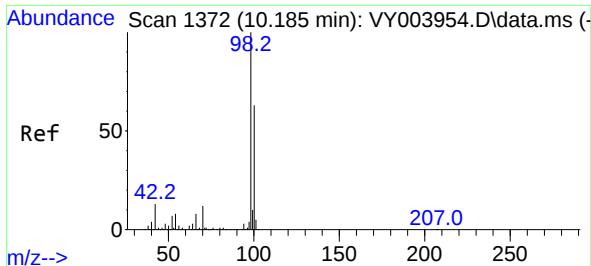


#35
Dibromofluoromethane
Concen: 54.73 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion:113 Resp: 118024

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	22.4	18.3	27.5

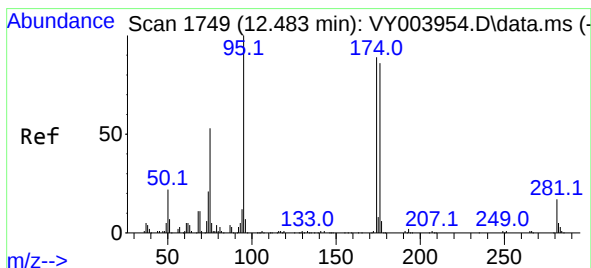
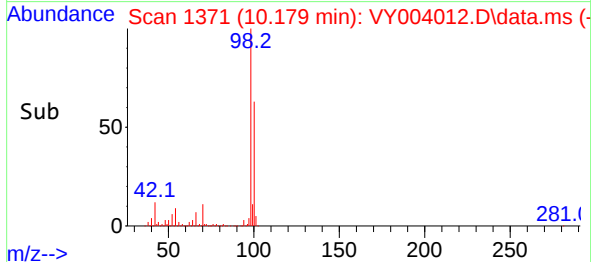
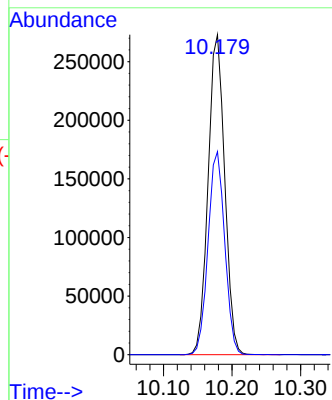
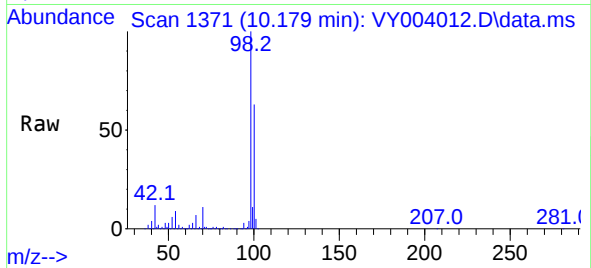




#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

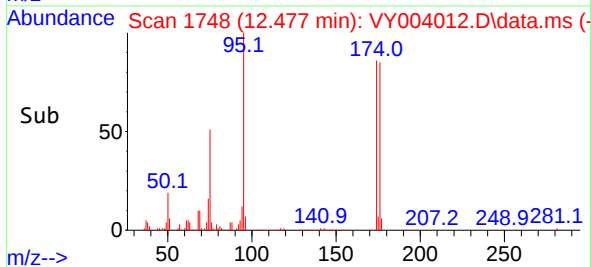
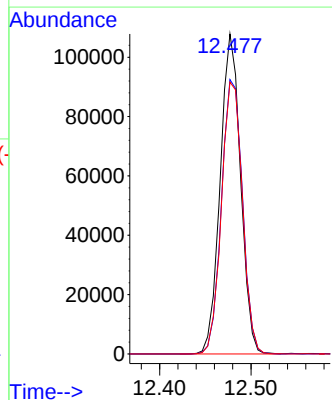
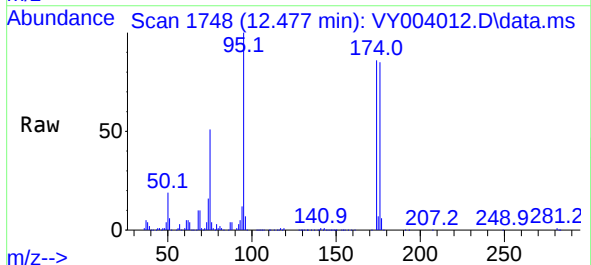
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-020-ABCD

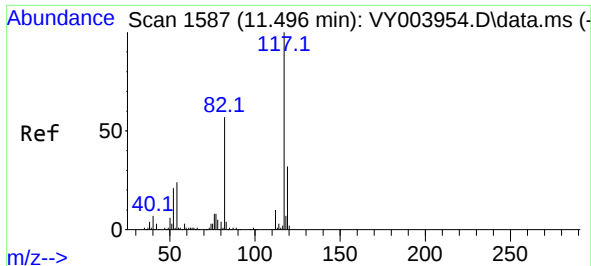
Tgt Ion: 98 Resp: 459921
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.16 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion: 95 Resp: 167097
Ion Ratio Lower Upper
95 100
174 88.2 0.0 184.4
176 87.4 0.0 177.2

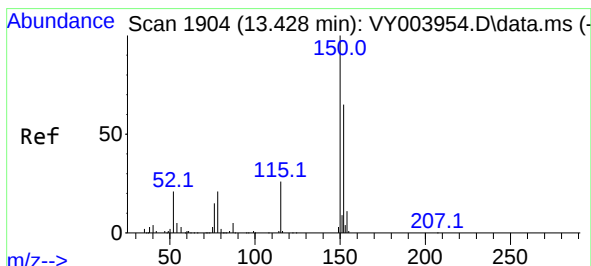
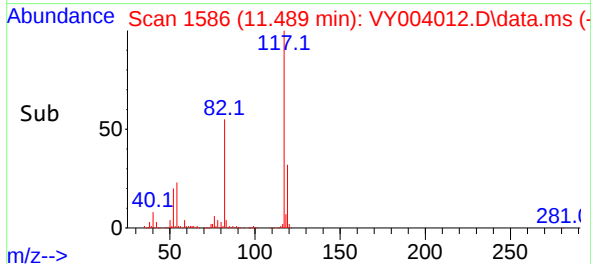
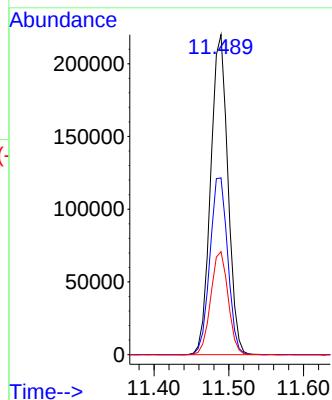
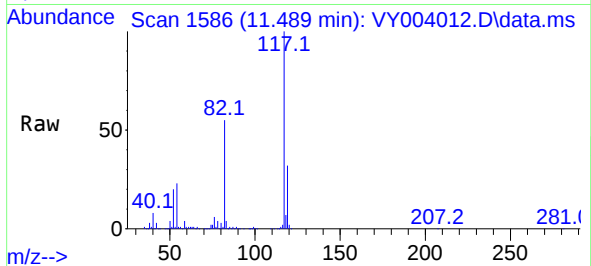




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-020-ABCD

Tgt Ion:117 Resp: 353256
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004012.D
Acq: 11 Feb 2021 19:30

Tgt Ion:152 Resp: 170070
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.6
150 157.5 0.0 356.2

