

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010367.D
 Acq On : 07 Sep 2022 13:17
 Operator : KP/MD
 Sample : N4474-01
 Misc : 5.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-01

Quant Time: Sep 08 03:42:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1882	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.691	114	3653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3366	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	860	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1510	78.247	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.500%
35) Dibromofluoromethane	7.716	113	582	23.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.860%#
50) Toluene-d8	10.179	98	3965	48.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.483	95	1174	33.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.960%

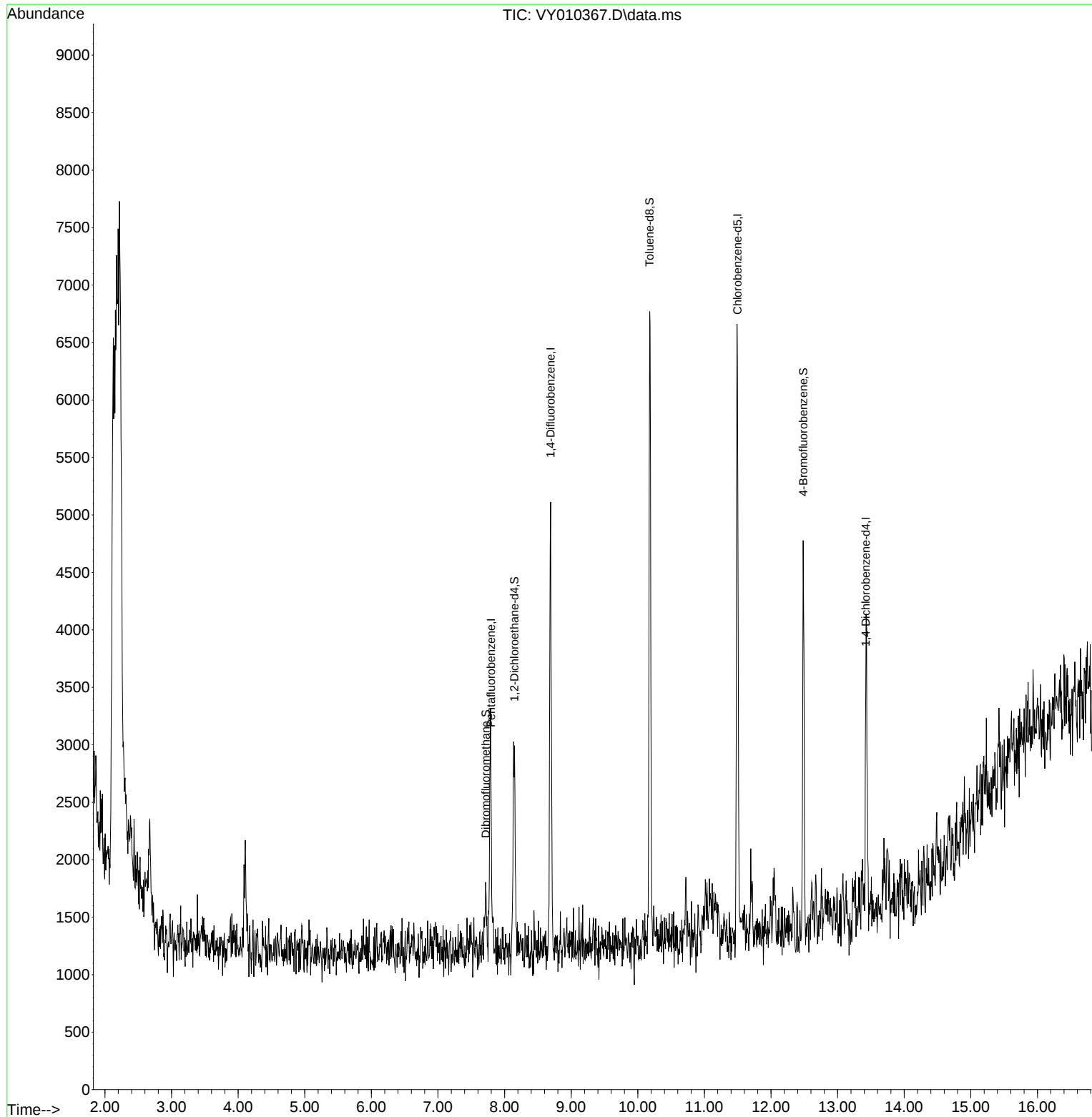
Target Compounds	Qvalue

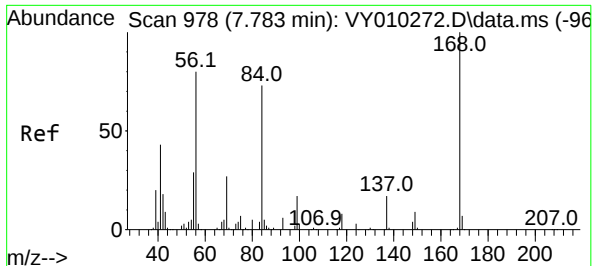
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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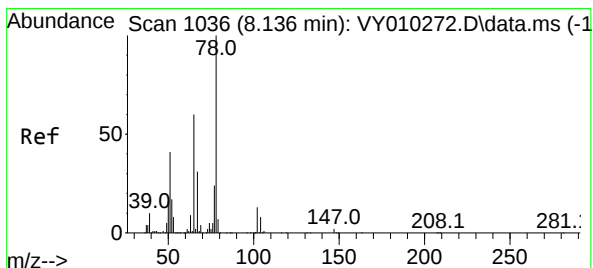
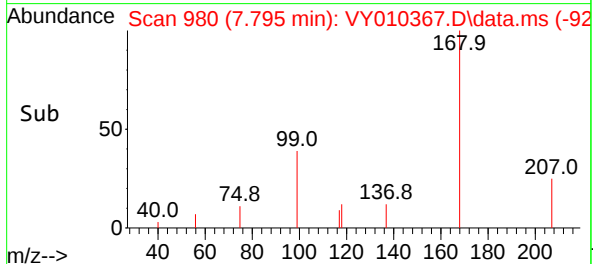
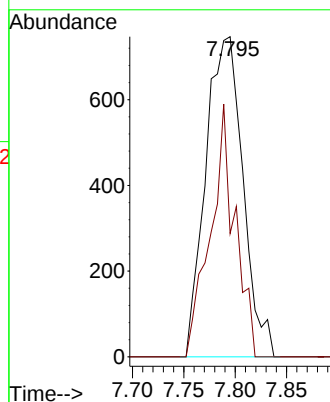
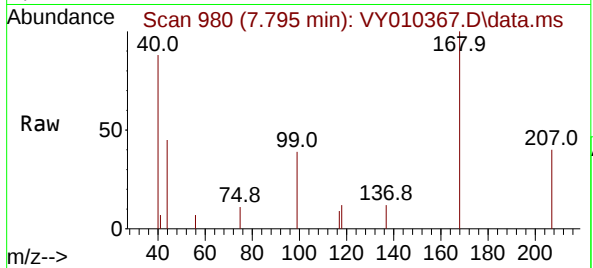




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010367.D
Acq: 07 Sep 2022 13:17

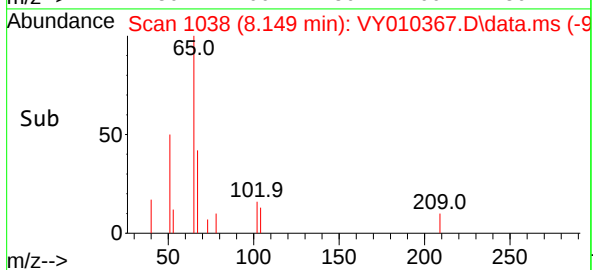
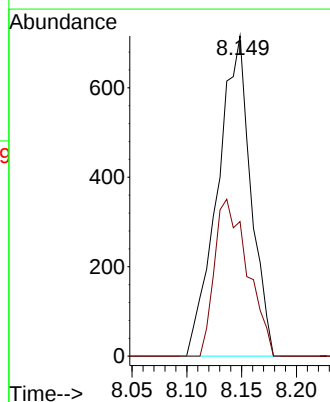
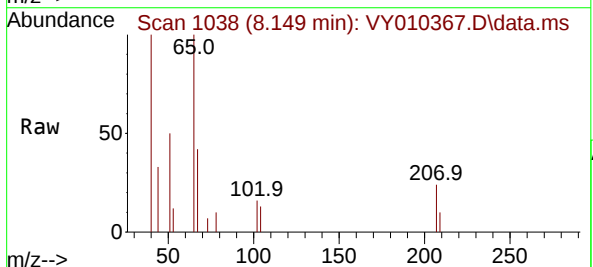
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-01

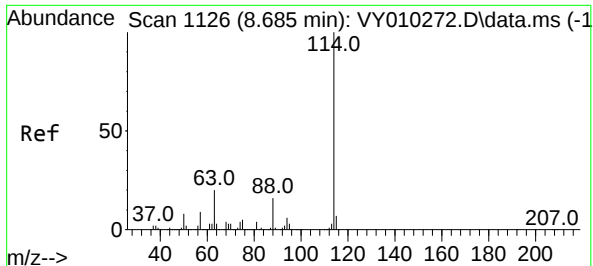
Tgt Ion:168 Resp: 1882
Ion Ratio Lower Upper
168 100
99 38.6 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 78.247 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY010367.D
Acq: 07 Sep 2022 13:17

Tgt Ion: 65 Resp: 1510
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4

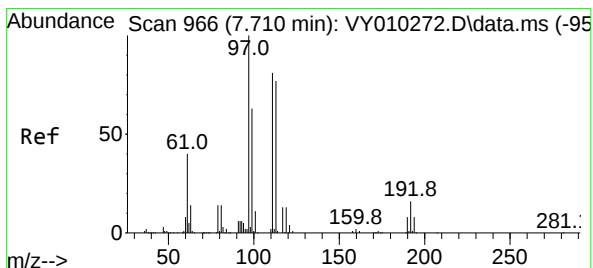
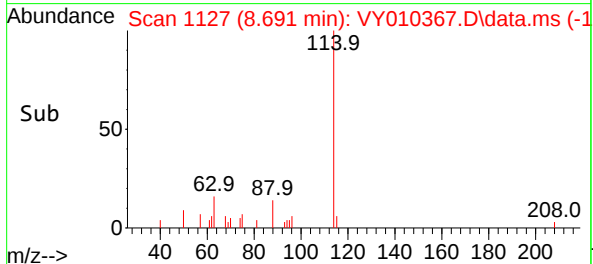
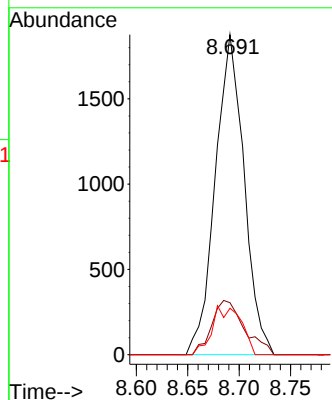
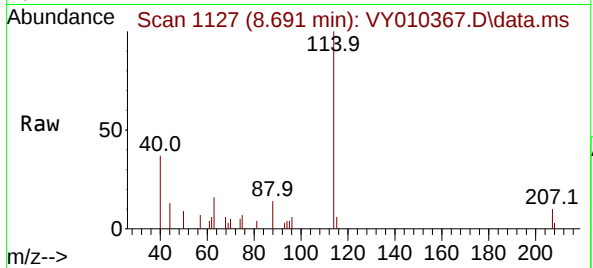




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY010367.D
Acq: 07 Sep 2022 13:17

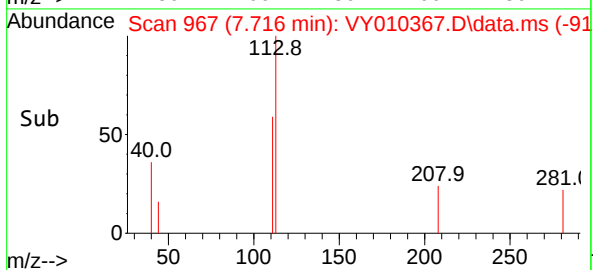
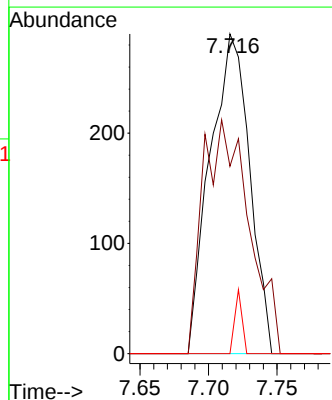
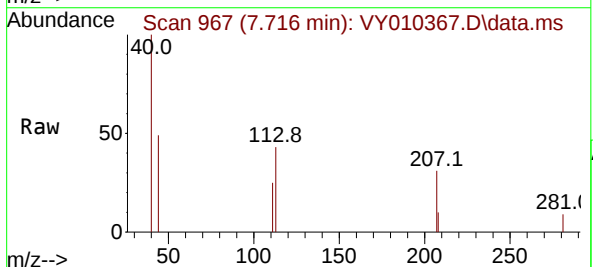
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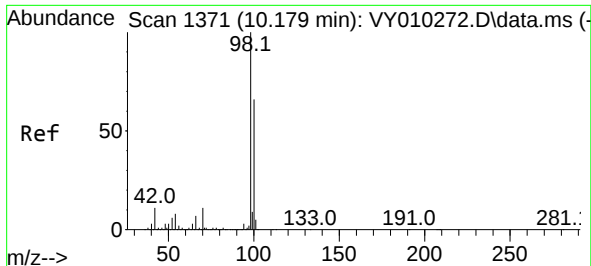
Tgt Ion:	114	Resp:	3653
Ion Ratio	Lower	Upper	
114	100		
63	16.3	0.0	43.2
88	14.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 23.932 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010367.D
Acq: 07 Sep 2022 13:17

Tgt Ion:	113	Resp:	582
Ion Ratio	Lower	Upper	
113	100		
111	85.4	82.6	124.0
192	3.6	17.6	26.4

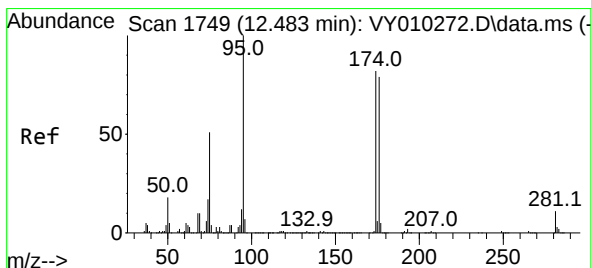
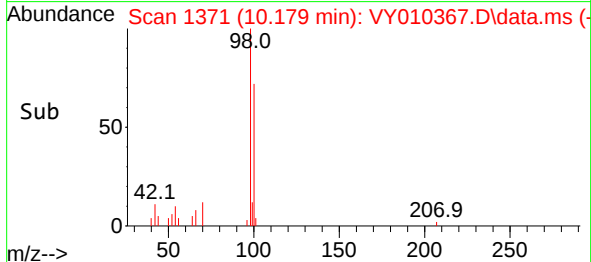
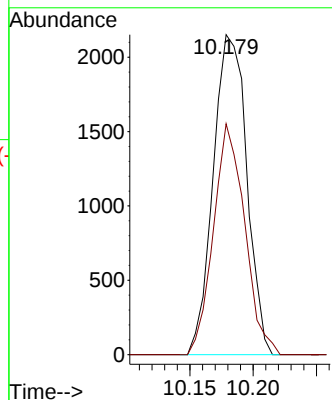
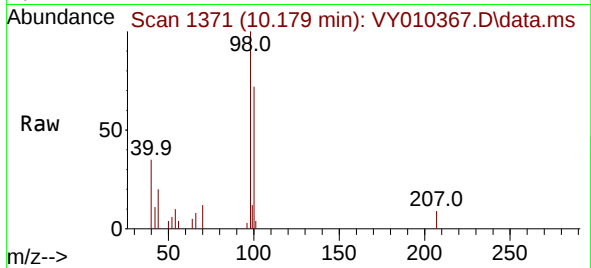




#50
Toluene-d8
Concen: 48.699 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010367.D
Acq: 07 Sep 2022 13:17

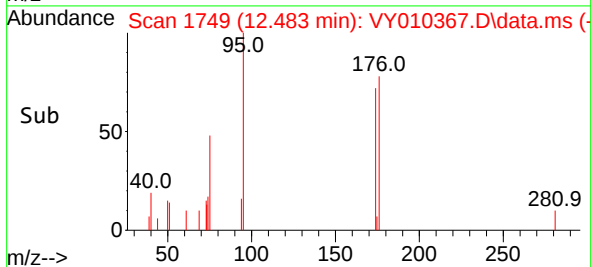
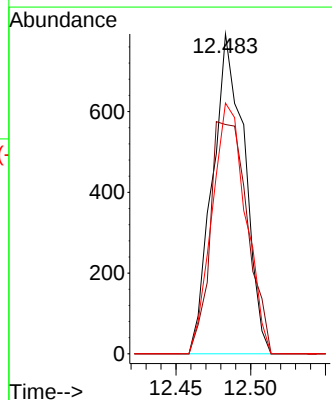
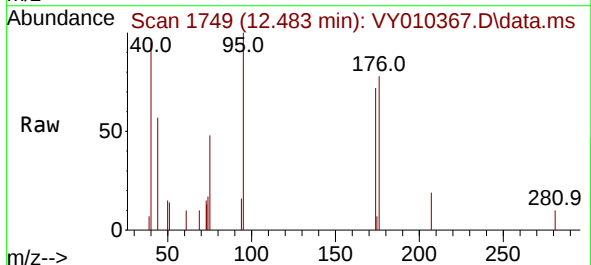
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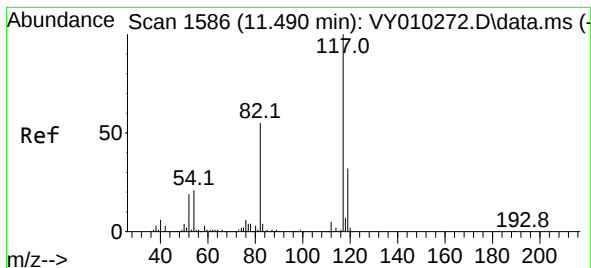
Tgt Ion: 98 Resp: 3965
Ion Ratio Lower Upper
98 100
100 67.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010367.D
Acq: 07 Sep 2022 13:17

Tgt Ion: 95 Resp: 1174
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 83.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY010367.D

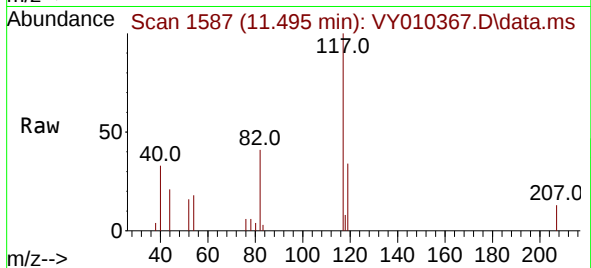
Acq: 07 Sep 2022 13:17

Instrument :

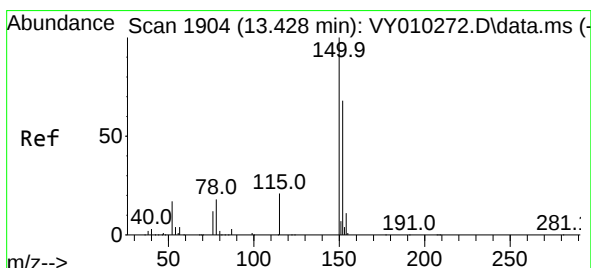
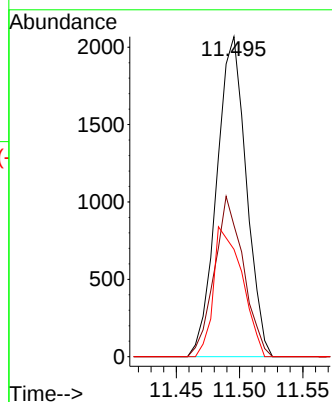
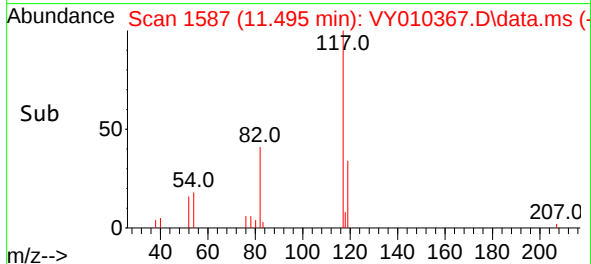
MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-01



Tgt Ion:	117	Resp:	3366
Ion Ratio	Lower	Upper	
117	100		
82	41.1	43.0	64.4#
119	33.6	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010367.D

Acq: 07 Sep 2022 13:17

Tgt Ion:	152	Resp:	860
Ion Ratio	Lower	Upper	
152	100		
115	53.0	28.2	84.7
150	143.5	0.0	347.6

