

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010021.D
 Acq On : 15 Aug 2022 00:31
 Operator : KP/MD
 Sample : N4046-11
 Misc : 7.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-06

Quant Time: Aug 15 06:23:57 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	72769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	137453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63152	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39360	53.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.640%
35) Dibromofluoromethane	7.709	113	39494	46.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.179	98	140375	43.580	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.160%
62) 4-Bromofluorobenzene	12.483	95	48623	41.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.400%

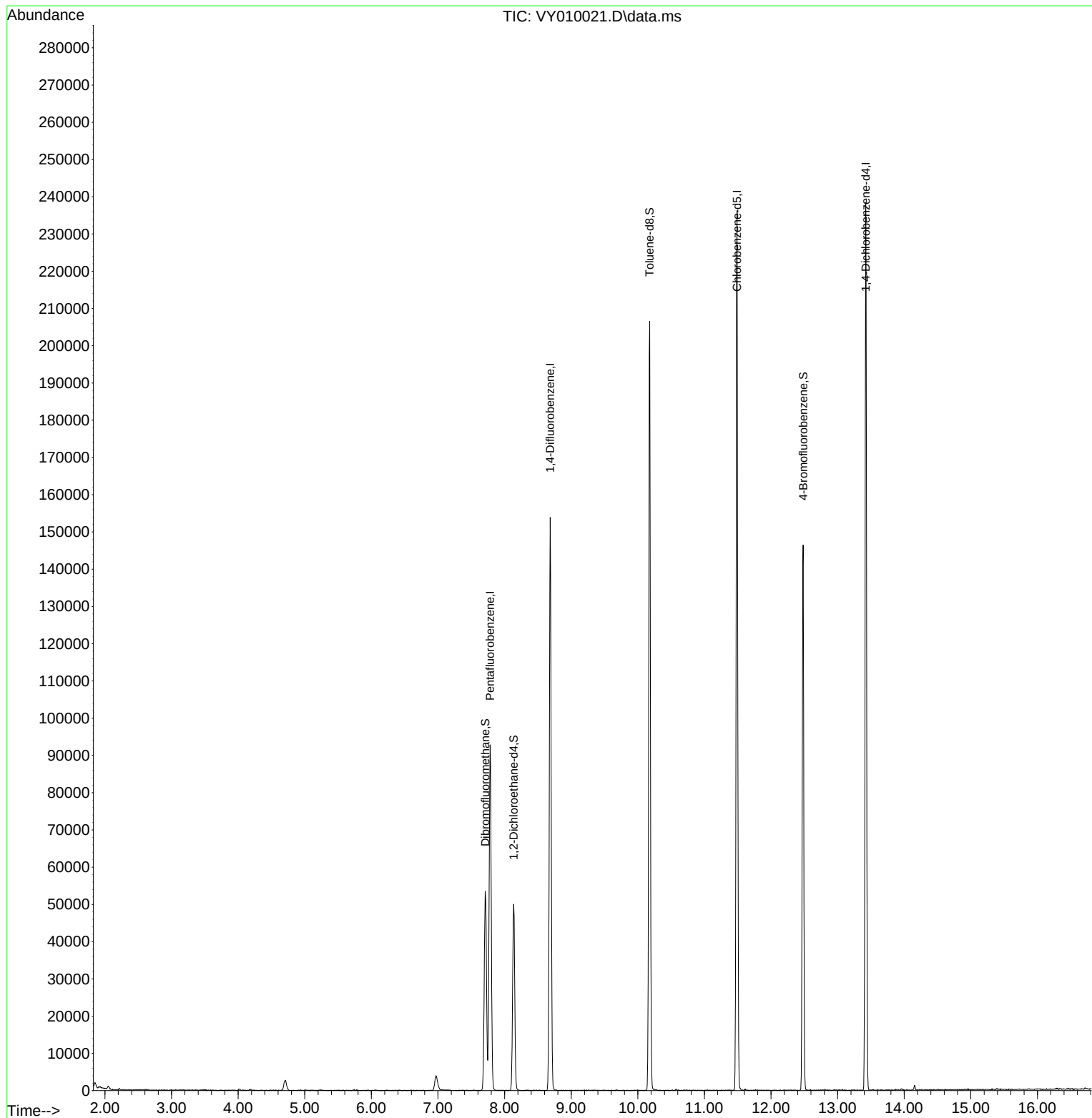
Target Compounds	Qvalue

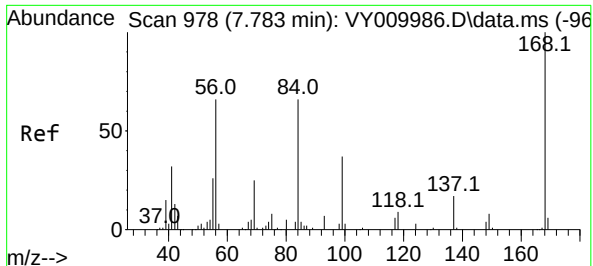
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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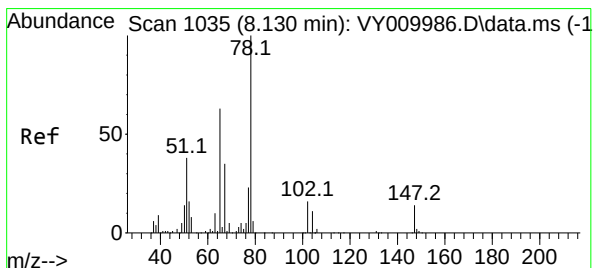
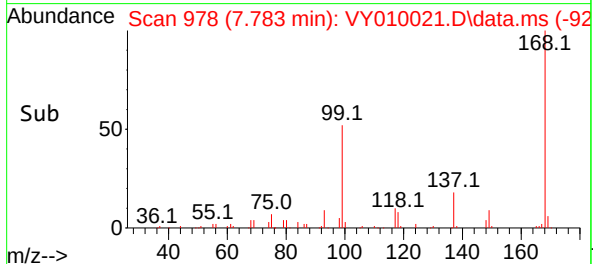
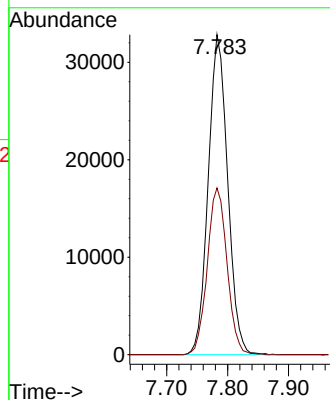
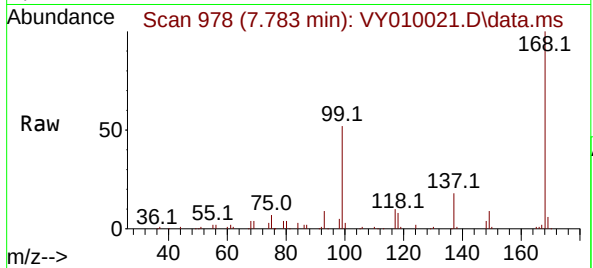




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

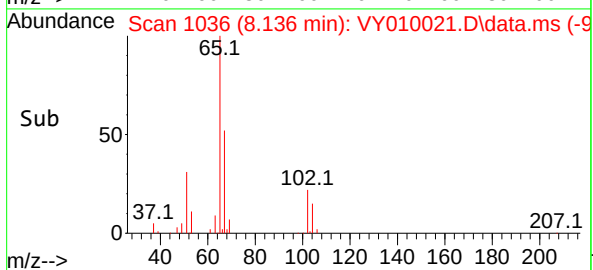
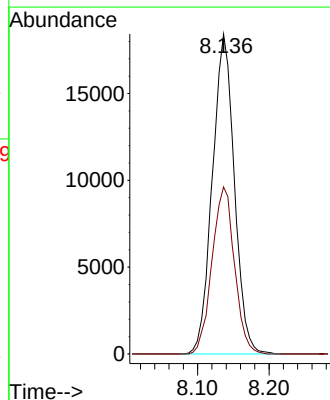
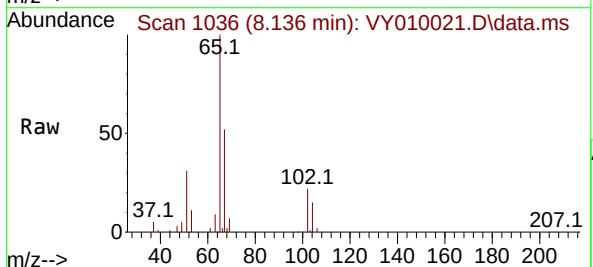
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-06

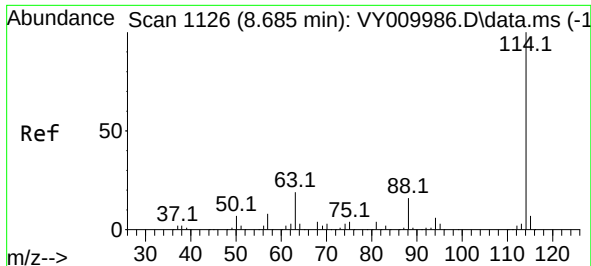
Tgt Ion:168 Resp: 72769
Ion Ratio Lower Upper
168 100
99 52.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 53.321 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Tgt Ion: 65 Resp: 39360
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

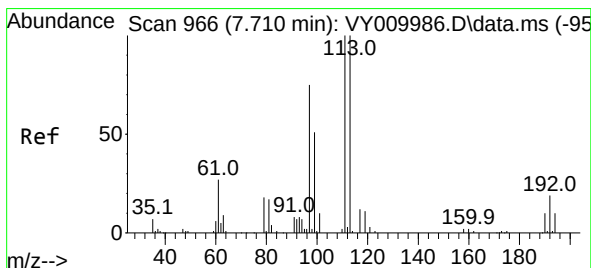
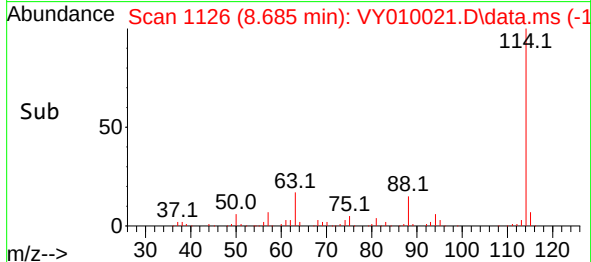
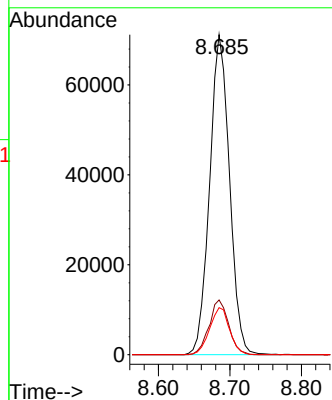
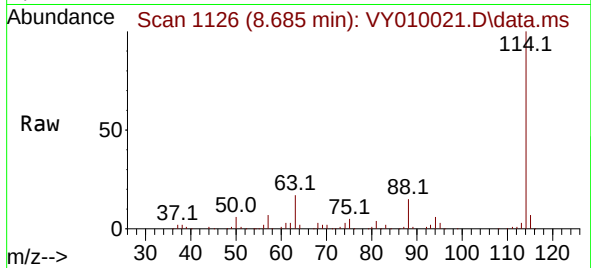




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

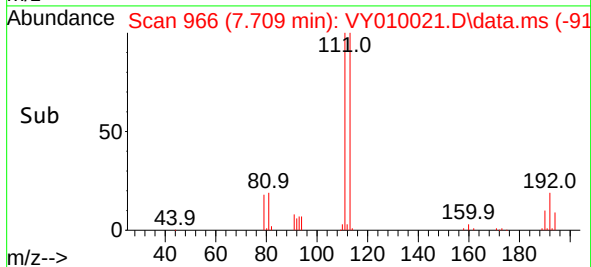
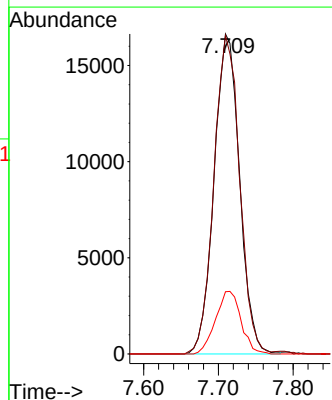
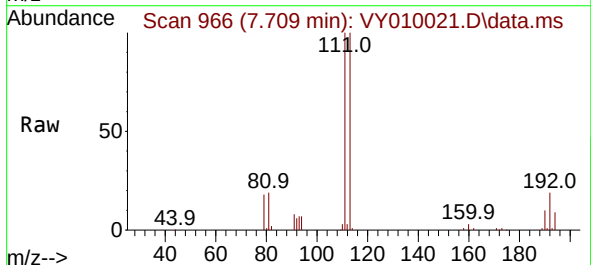
Instrument :
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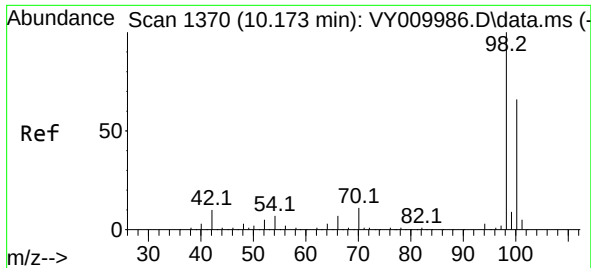
Tgt Ion:114 Resp: 137352
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.0
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 46.980 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Tgt Ion:113 Resp: 39494
Ion Ratio Lower Upper
113 100
111 100.2 80.6 120.8
192 19.5 16.2 24.4

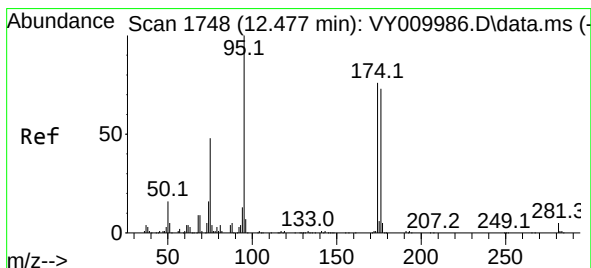
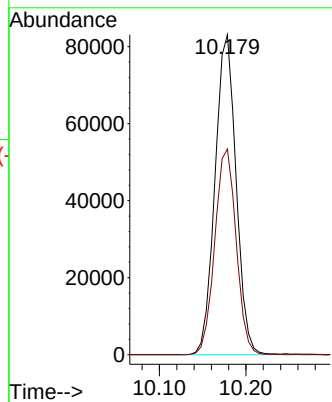
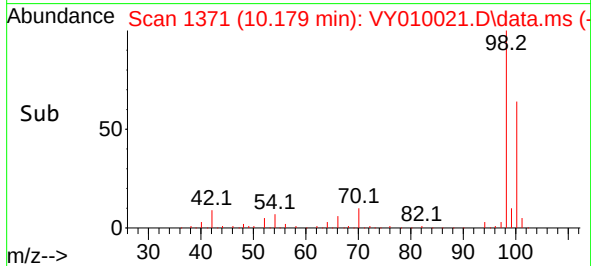
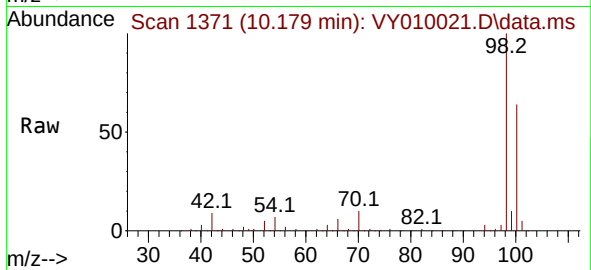




#50
Toluene-d8
Concen: 43.580 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

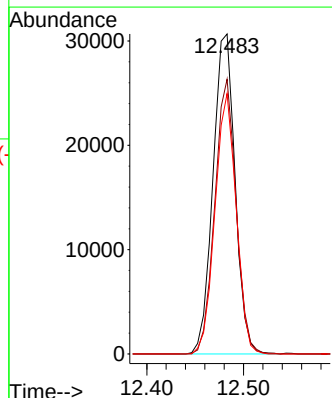
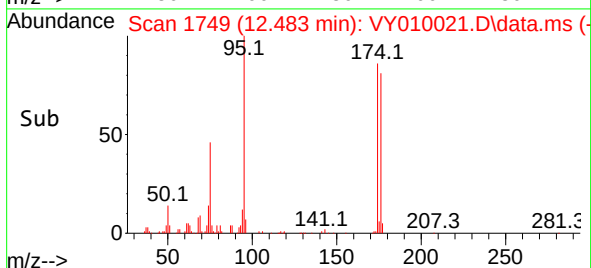
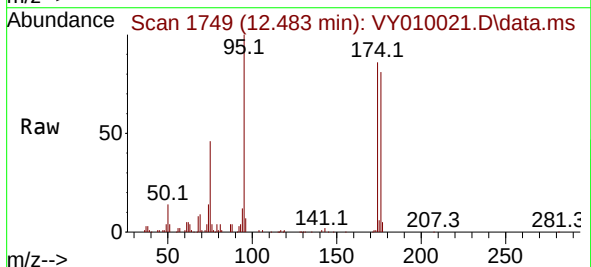
Instrument :
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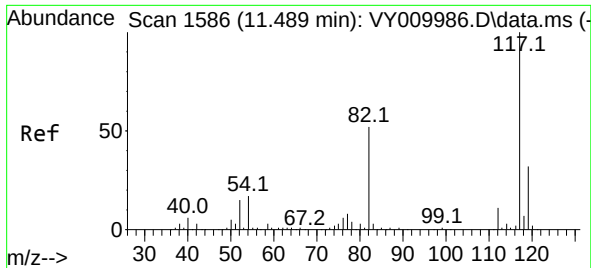
Tgt Ion: 98 Resp: 140375
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 41.201 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Tgt Ion: 95 Resp: 48623
Ion Ratio Lower Upper
95 100
174 82.7 0.0 173.8
176 78.0 0.0 167.0

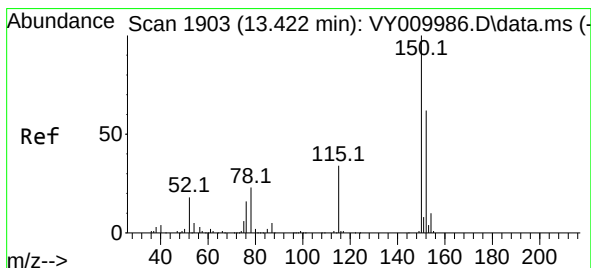
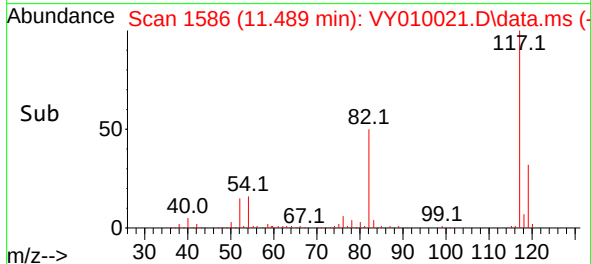
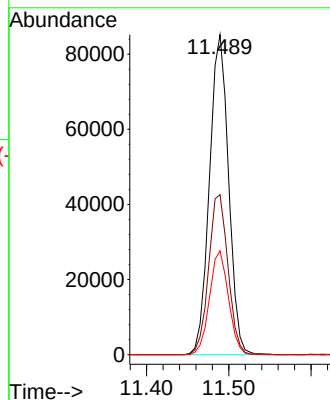
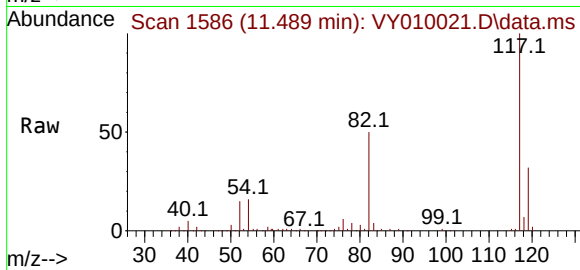




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-06

Tgt Ion:117 Resp: 137453
Ion Ratio Lower Upper
117 100
82 50.0 41.8 62.6
119 32.4 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: VY010021.D
Acq: 15 Aug 2022 00:31

Tgt Ion:152 Resp: 63152
Ion Ratio Lower Upper
152 100
115 59.1 28.6 85.9
150 160.2 0.0 349.8

