

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010017.D
 Acq On : 14 Aug 2022 22:57
 Operator : KP/MD
 Sample : N4046-03
 Misc : 6.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-02

Quant Time: Aug 15 00:43:20 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	73212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39641	53.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.760%
35) Dibromofluoromethane	7.710	113	39560	45.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.740%
50) Toluene-d8	10.179	98	143133	43.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.640%
62) 4-Bromofluorobenzene	12.477	95	48566	40.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.240%

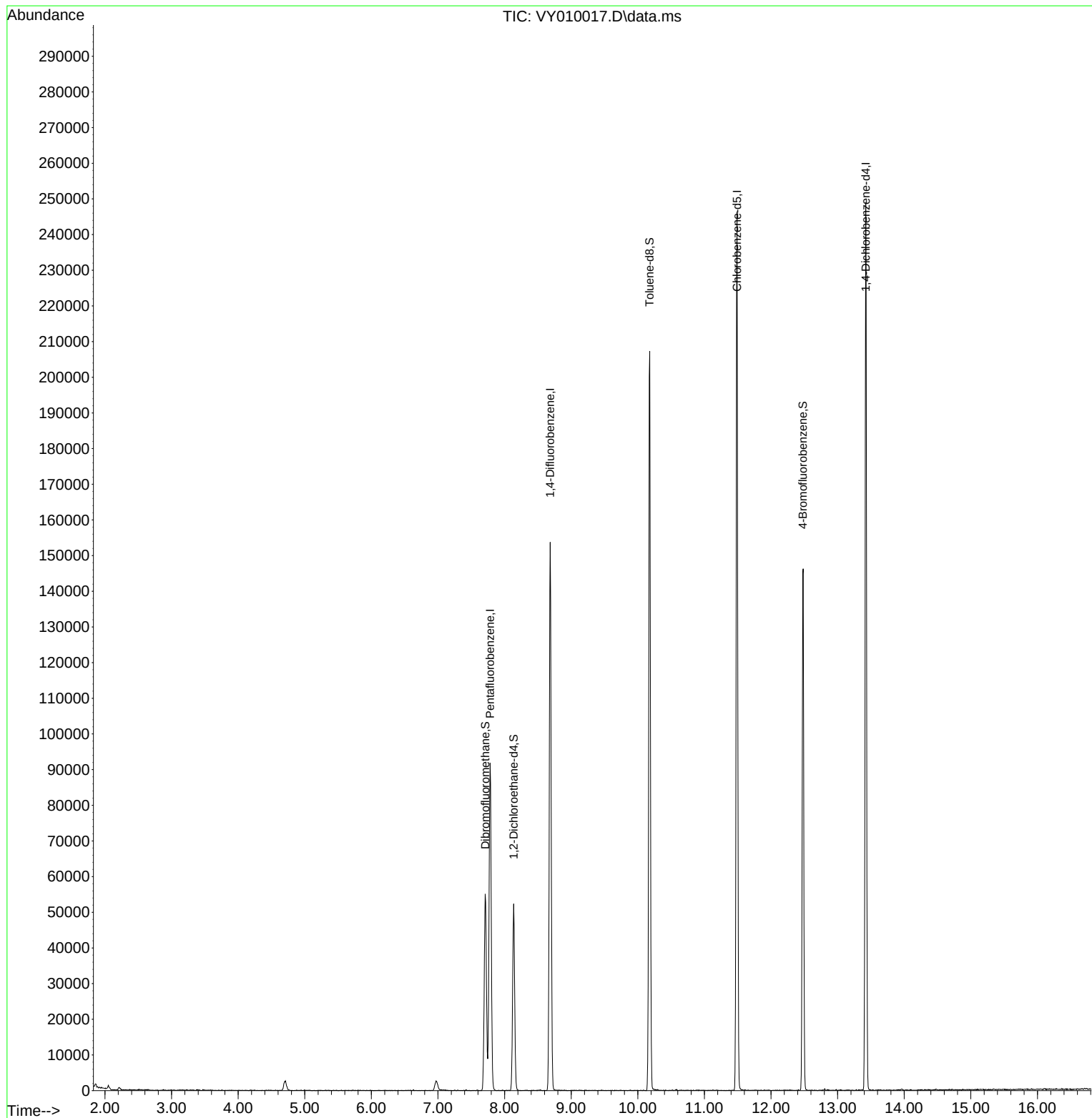
Target Compounds	Qvalue

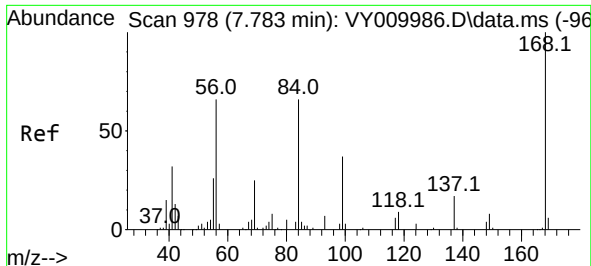
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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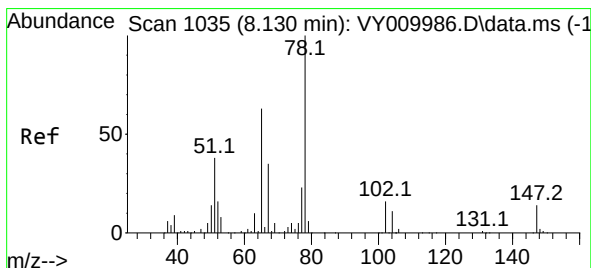
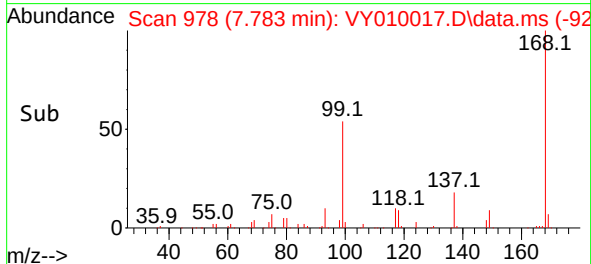
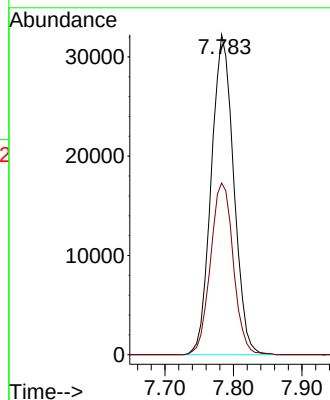
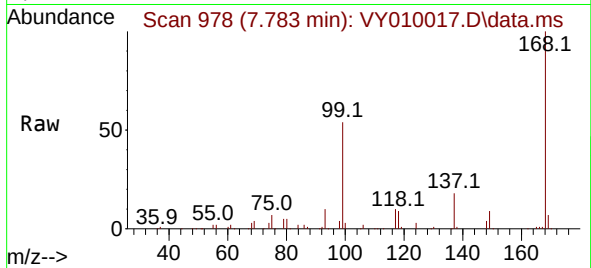




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

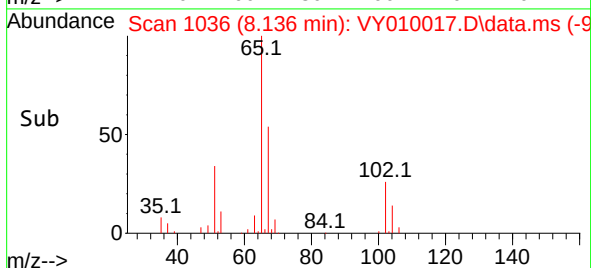
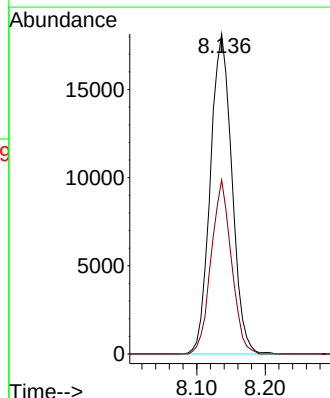
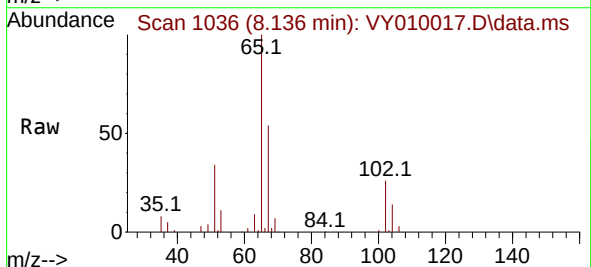
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-02

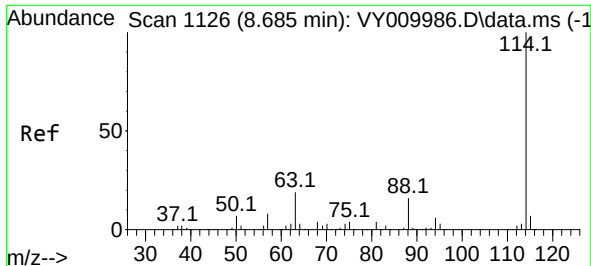
Tgt Ion:168 Resp: 73212
Ion Ratio Lower Upper
168 100
99 53.6 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 53.377 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Tgt Ion: 65 Resp: 39641
Ion Ratio Lower Upper
65 100
67 51.2 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: VY010017.D

Acq: 14 Aug 2022 22:57

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-02

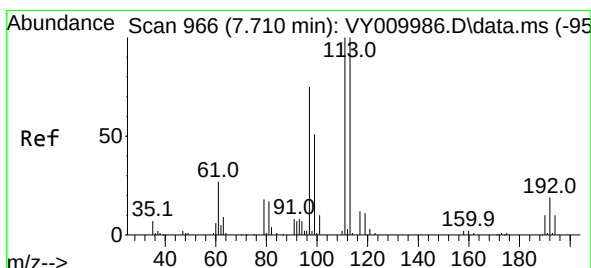
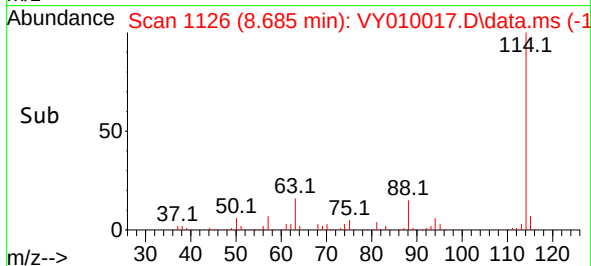
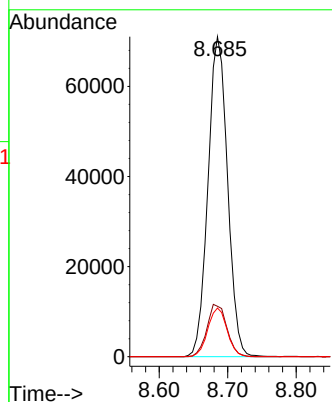
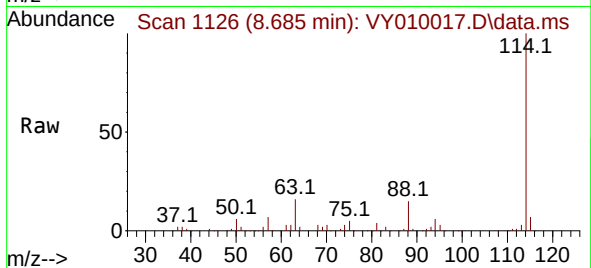
Tgt Ion:114 Resp: 140901

Ion Ratio Lower Upper

114 100

63 15.7 0.0 38.0

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 45.873 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY010017.D

Acq: 14 Aug 2022 22:57

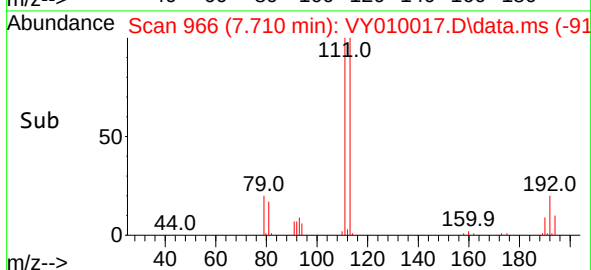
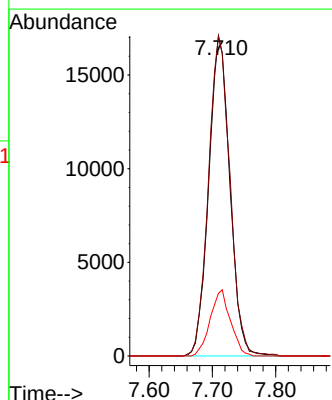
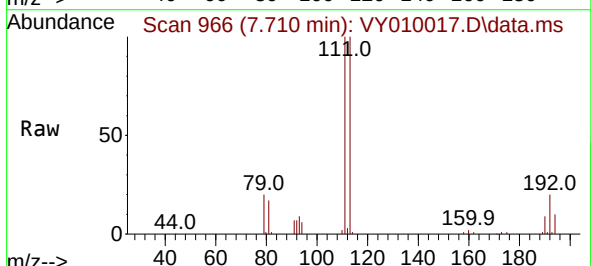
Tgt Ion:113 Resp: 39560

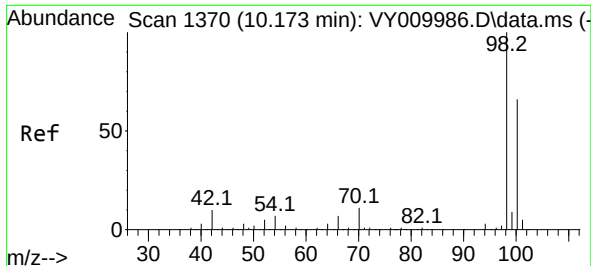
Ion Ratio Lower Upper

113 100

111 101.9 80.6 120.8

192 19.8 16.2 24.4

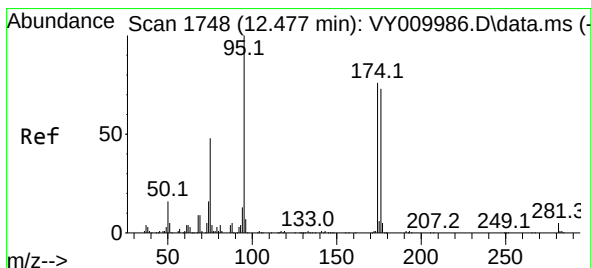
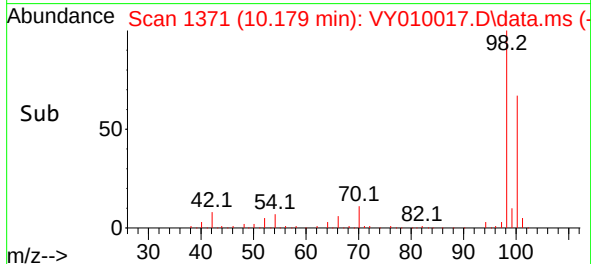
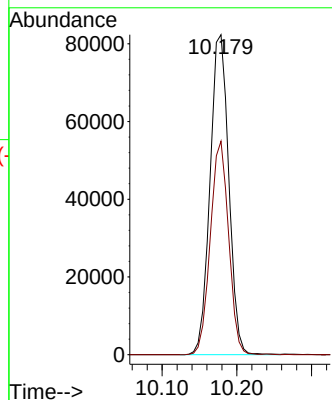
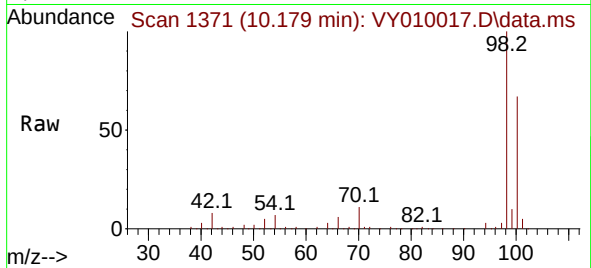




#50
Toluene-d8
Concen: 43.317 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

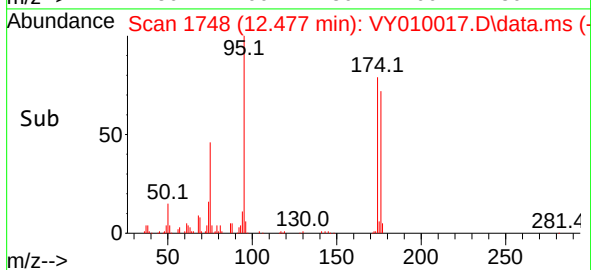
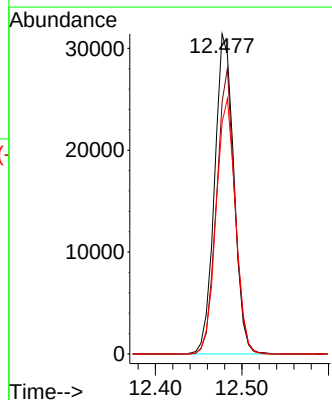
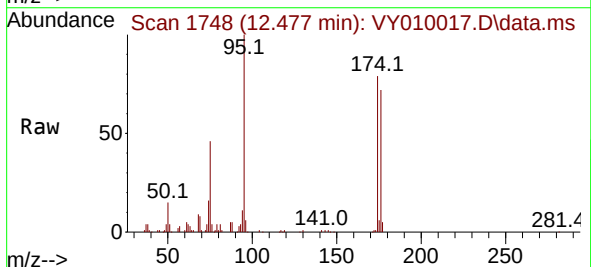
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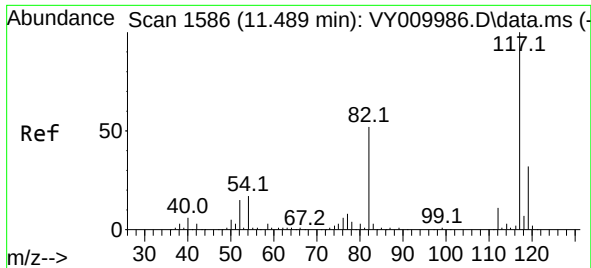
Tgt Ion: 98 Resp: 143133
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 40.116 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Tgt Ion: 95 Resp: 48566
Ion Ratio Lower Upper
95 100
174 84.5 0.0 173.8
176 80.3 0.0 167.0

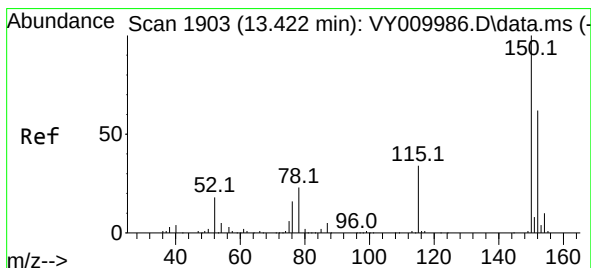
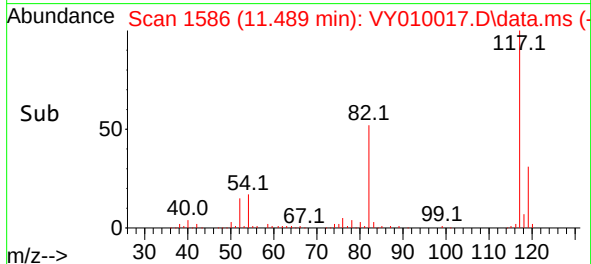
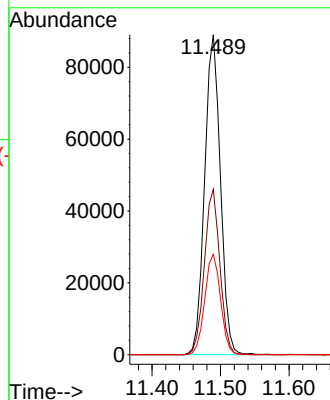
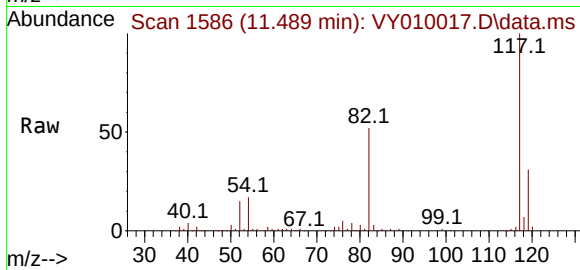




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010017.D
Acq: 14 Aug 2022 22:57

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-02

Tgt Ion:117 Resp: 142673
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.6
119 31.4 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: VY010017.D
Acq: 14 Aug 2022 22:57

Tgt Ion:152 Resp: 65536
Ion Ratio Lower Upper
152 100
115 59.4 28.6 85.9
150 158.3 0.0 349.8

