

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010026.D
 Acq On : 15 Aug 2022 02:28
 Operator : KP/MD
 Sample : N4046-21
 Misc : 7.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

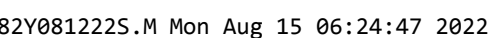
Quant Time: Aug 15 06:24:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

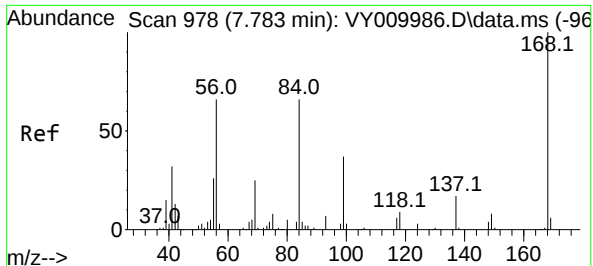
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	28496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	53292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	55297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16031	55.458	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.920%	
35) Dibromofluoromethane	7.716	113	16687	51.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.320%	
50) Toluene-d8	10.179	98	55921	44.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.500%	
62) 4-Bromofluorobenzene	12.477	95	18783	41.020	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	195	Below Cal	#	78
20) Methylene Chloride	4.698	84	1704	Below Cal	#	78
31) Cyclohexane	7.777	56	539	1.042	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	2036	4.192	ug/l #	42
38) Carbon Tetrachloride	7.789	117	2830	5.839	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	8262	29.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8262	63.626	ug/l #	13

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

Quant Time: Aug 15 06:24:43 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

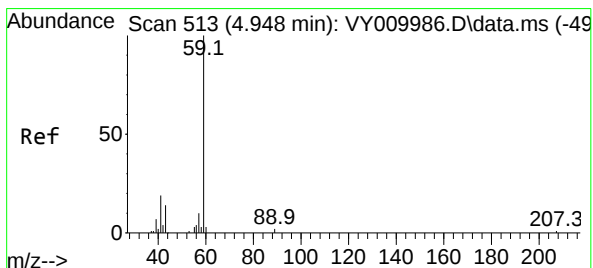
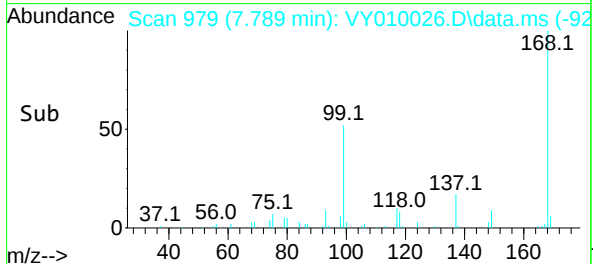
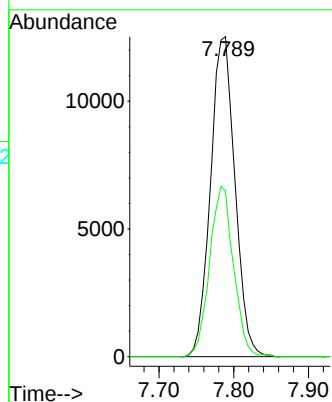
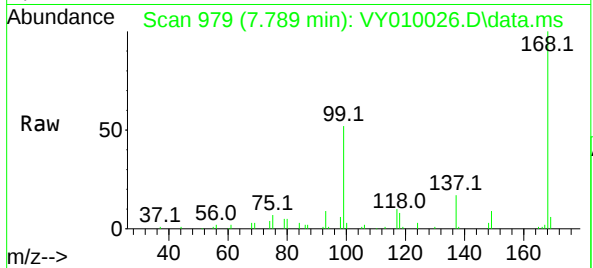




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

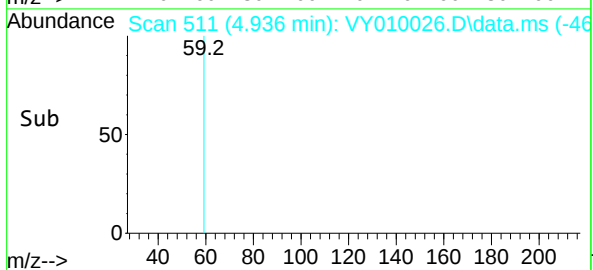
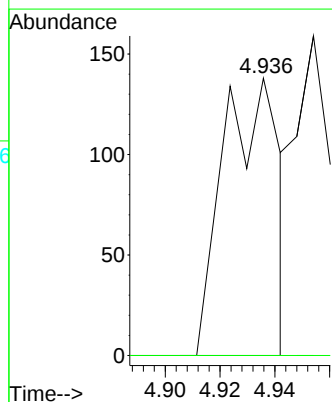
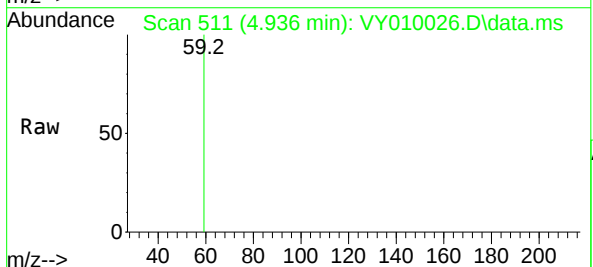
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-11

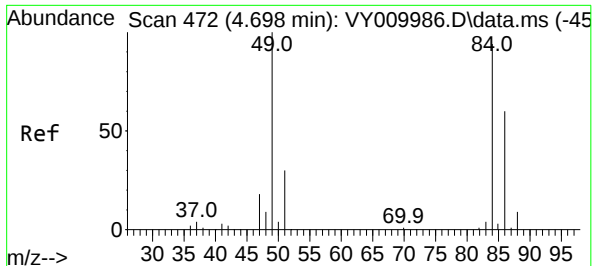
Tgt Ion:168 Resp: 28496
Ion Ratio Lower Upper
168 100
99 51.8 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

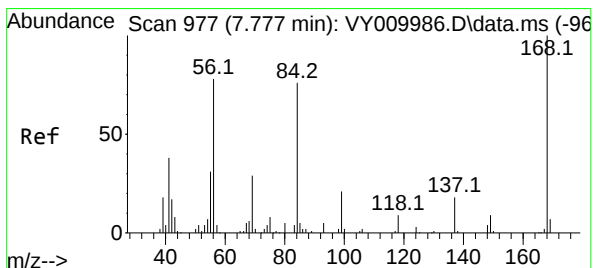
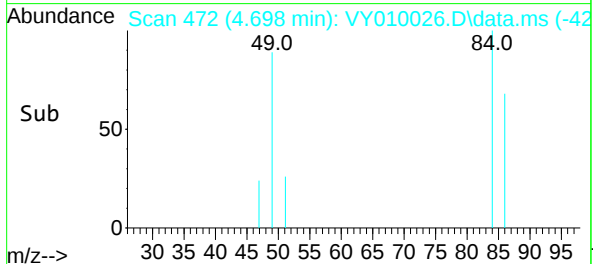
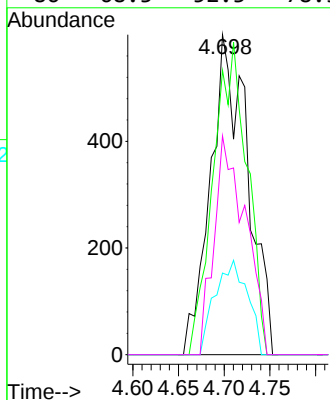
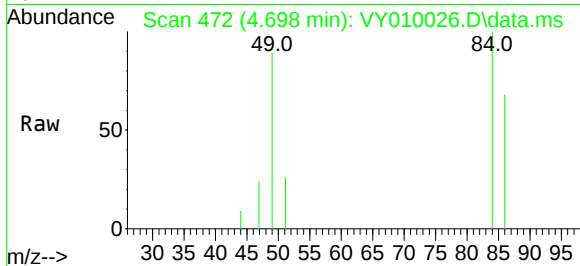




#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

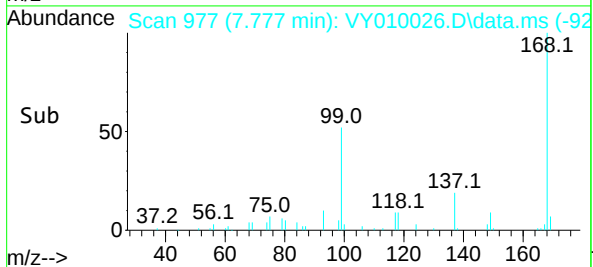
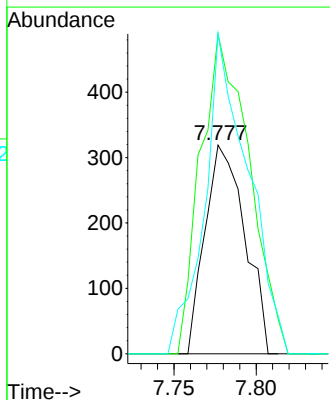
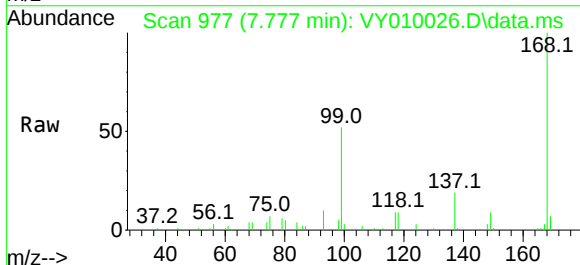
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-11

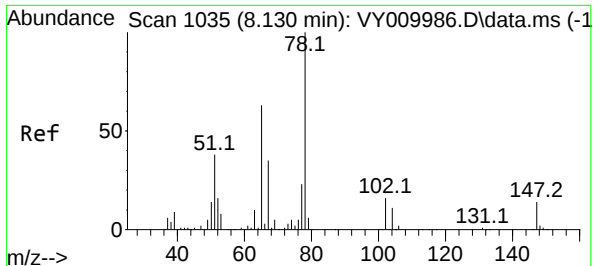
Tgt Ion:	84	Resp:	1704
Ion	Ratio	Lower	Upper
84	100		
49	88.8	98.2	147.4#
51	25.5	33.4	50.0#
86	68.3	52.3	78.5



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.000 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Tgt Ion:	56	Resp:	539
Ion	Ratio	Lower	Upper
56	100		
69	153.3	26.0	39.0#
84	135.1	69.5	104.3#





#33

1,2-Dichloroethane-d4

Concen: 55.458 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.012 min

Lab File: VY010026.D

Acq: 15 Aug 2022 02:28

Instrument :

MSVOA_Y

ClientSampleId :

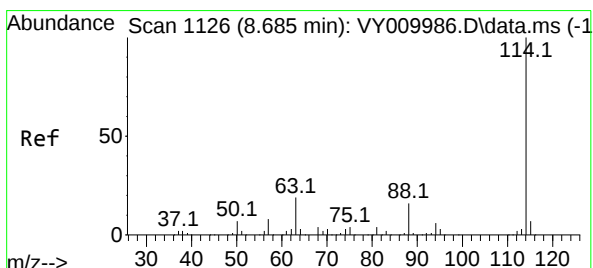
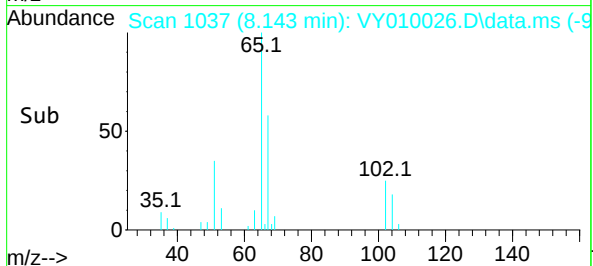
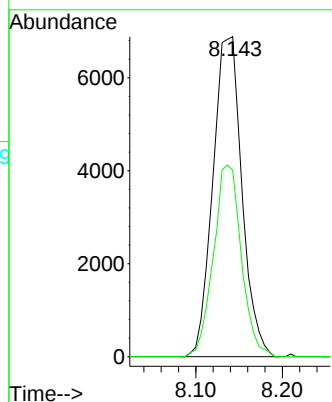
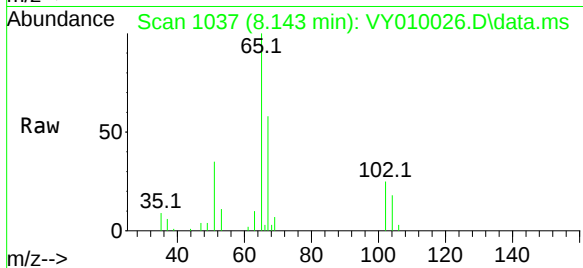
BEACONPOINT-BACKFILL-11

Tgt Ion: 65 Resp: 16031

Ion Ratio Lower Upper

65 100

67 57.5 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: VY010026.D

Acq: 15 Aug 2022 02:28

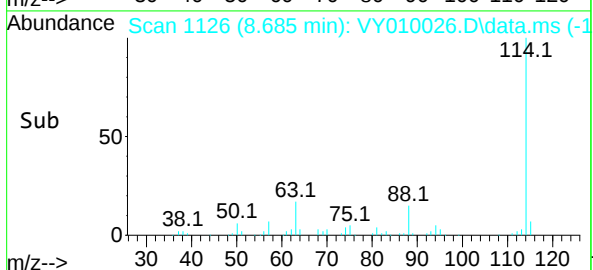
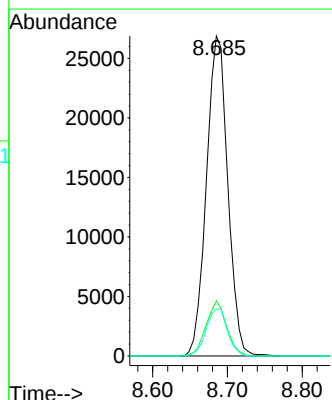
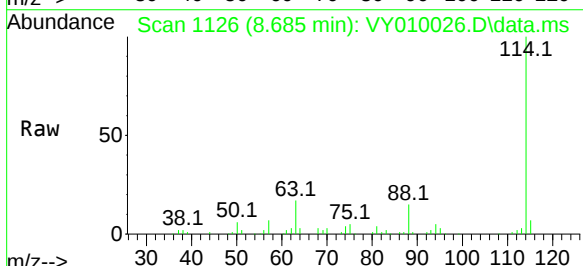
Tgt Ion: 114 Resp: 53292

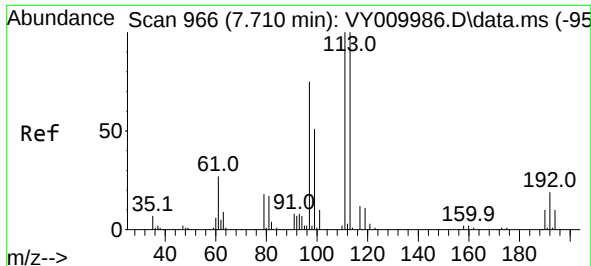
Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.0

88 14.6 0.0 30.0

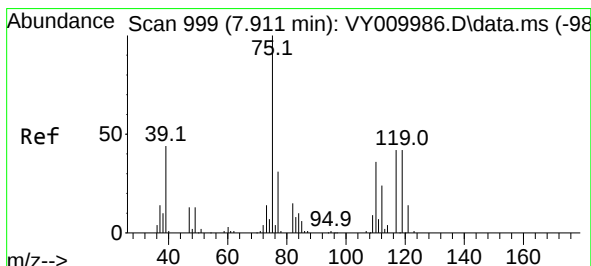
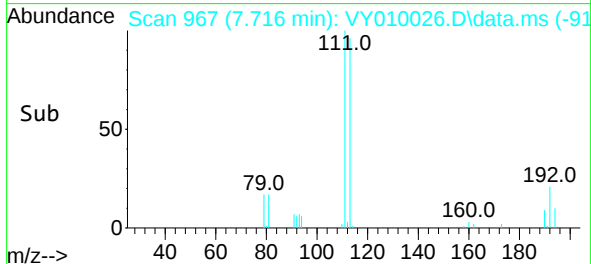
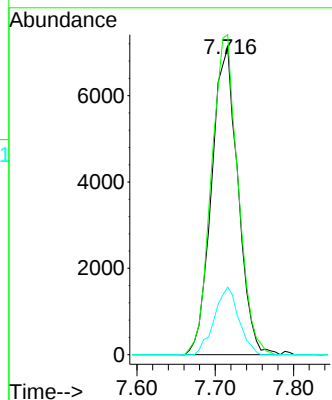
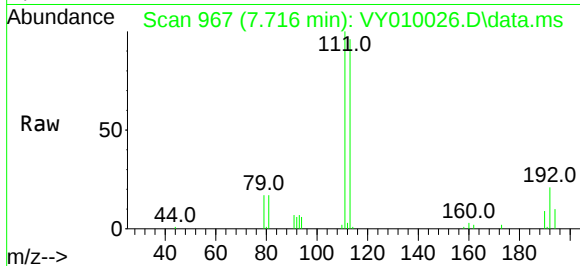




#35
Dibromofluoromethane
Concen: 51.161 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

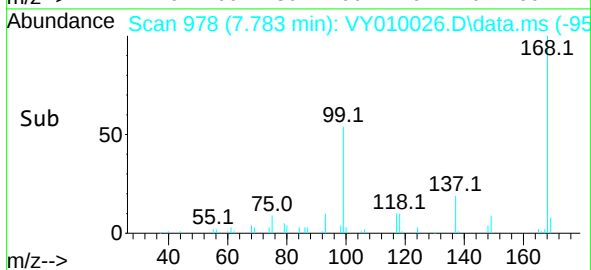
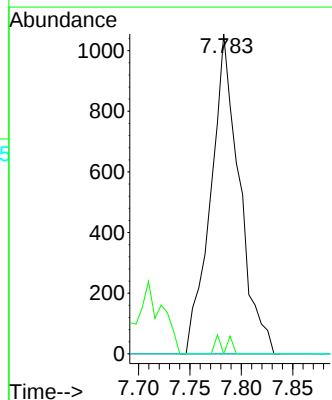
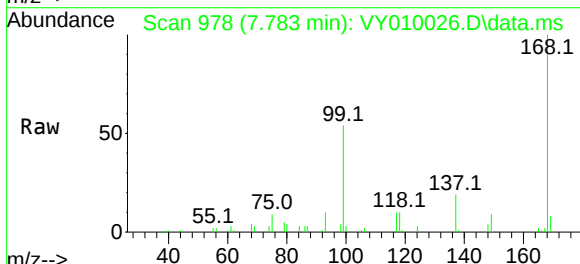
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-11

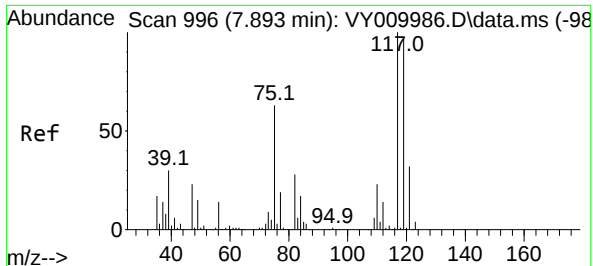
Tgt Ion:113 Resp: 16687
Ion Ratio Lower Upper
113 100
111 104.9 80.6 120.8
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.192 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

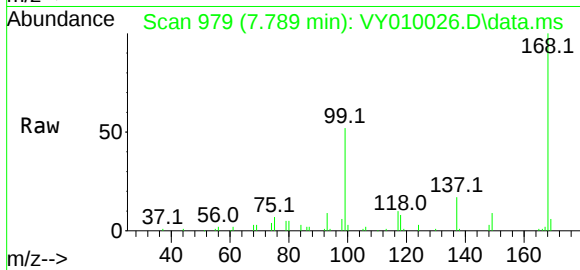
Tgt Ion: 75 Resp: 2036
Ion Ratio Lower Upper
75 100
110 2.2 18.6 56.0#
77 0.0 25.0 37.4#



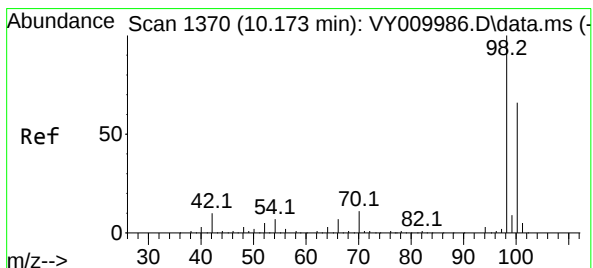
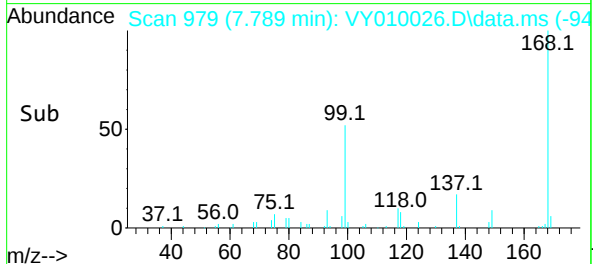
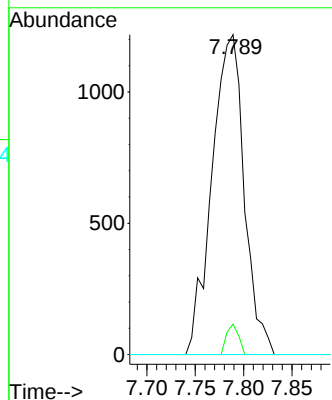


#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-11

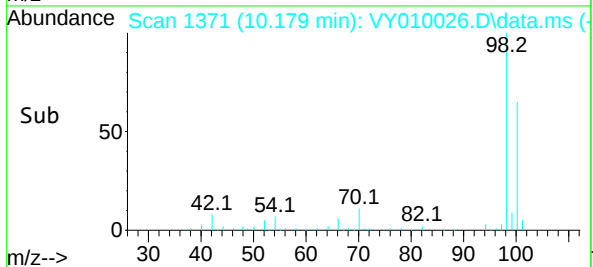
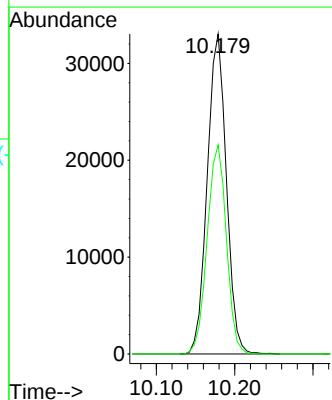
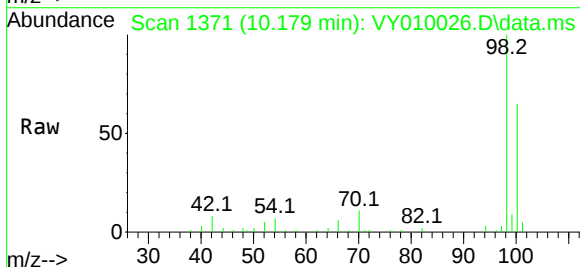


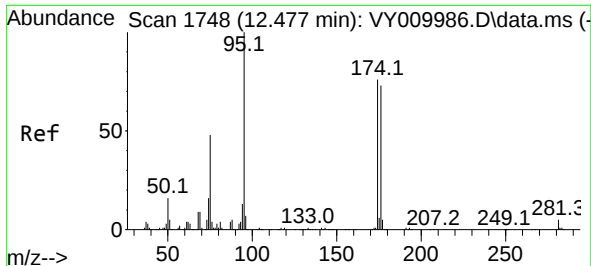
Tgt Ion:117 Resp: 2830
Ion Ratio Lower Upper
117 100
119 9.5 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 44.745 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Tgt Ion: 98 Resp: 55921
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

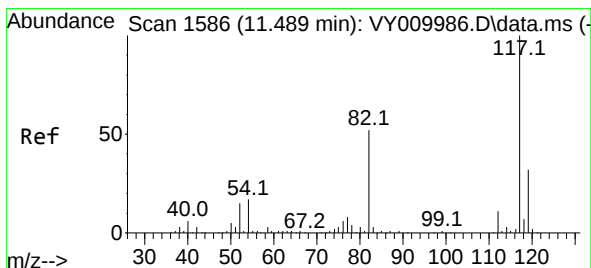
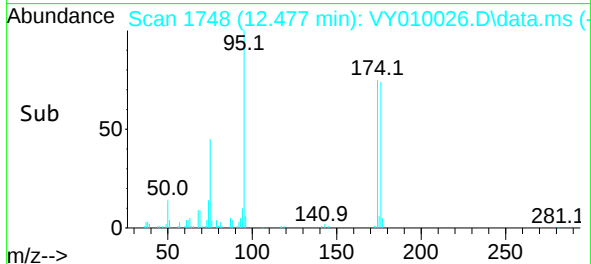
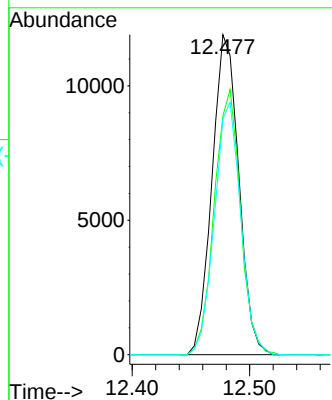
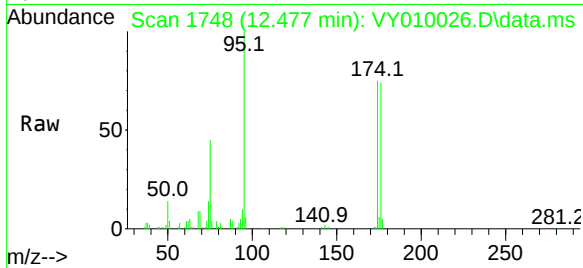




#62
4-Bromofluorobenzene
Concen: 41.020 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

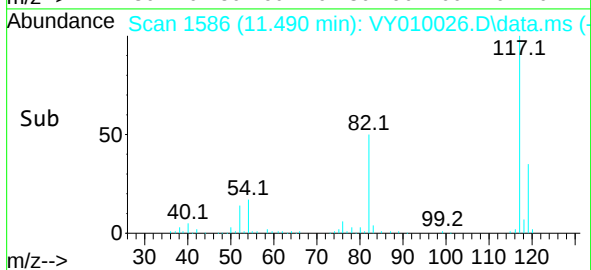
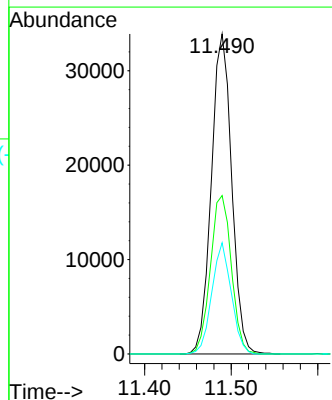
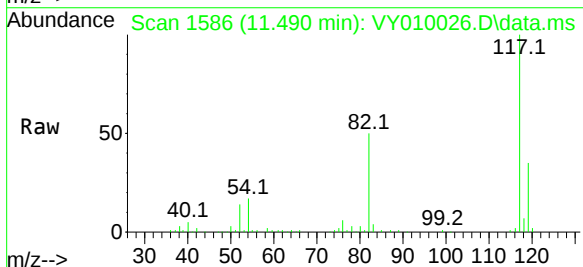
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-11

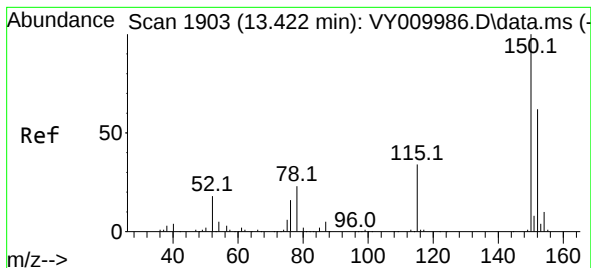
Tgt Ion: 95 Resp: 18783
Ion Ratio Lower Upper
95 100
174 81.1 0.0 173.8
176 77.7 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Tgt Ion: 117 Resp: 55297
Ion Ratio Lower Upper
117 100
82 49.5 41.8 62.6
119 34.7 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: VY010026.D

Acq: 15 Aug 2022 02:28

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-11

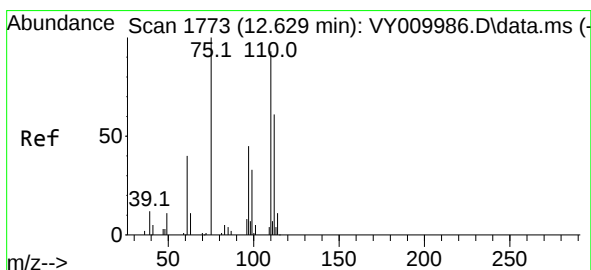
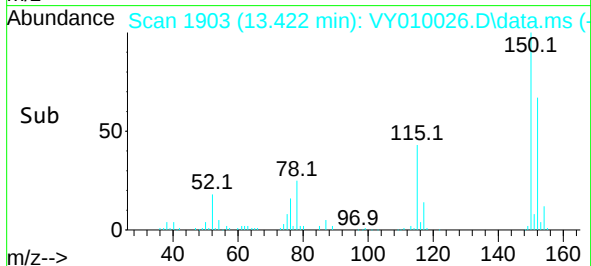
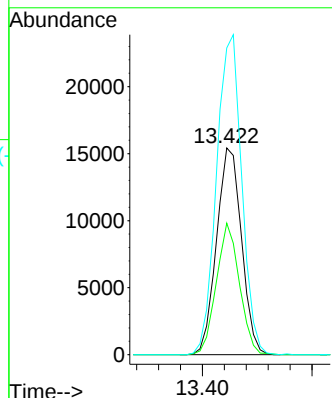
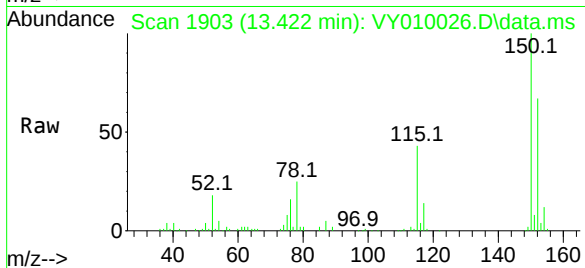
Tgt Ion:152 Resp: 24427

Ion Ratio Lower Upper

152 100

115 58.8 28.6 85.9

150 156.1 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 29.269 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010026.D

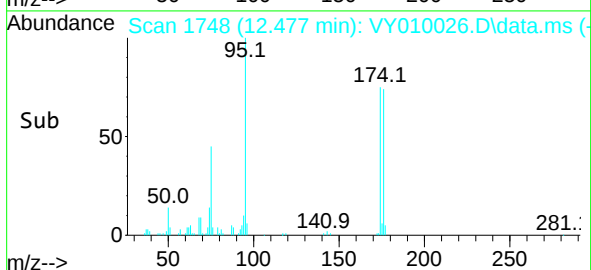
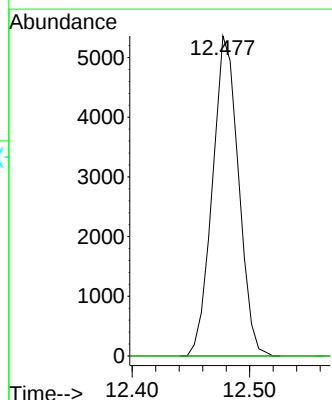
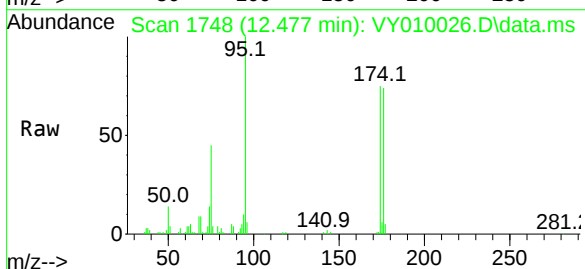
Acq: 15 Aug 2022 02:28

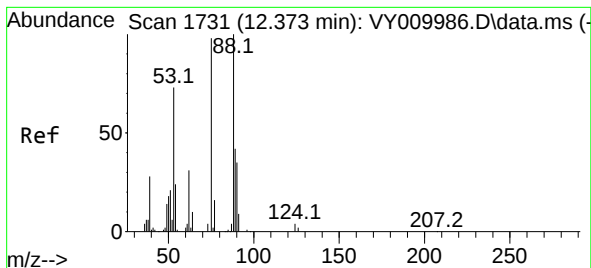
Tgt Ion: 75 Resp: 8262

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.626 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010026.D
 Acq: 15 Aug 2022 02:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

Tgt Ion: 75 Resp: 8262
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

