

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010020.D
 Acq On : 15 Aug 2022 00:08
 Operator : KP/MD
 Sample : N4046-09
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-05

Quant Time: Aug 15 00:43:51 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)

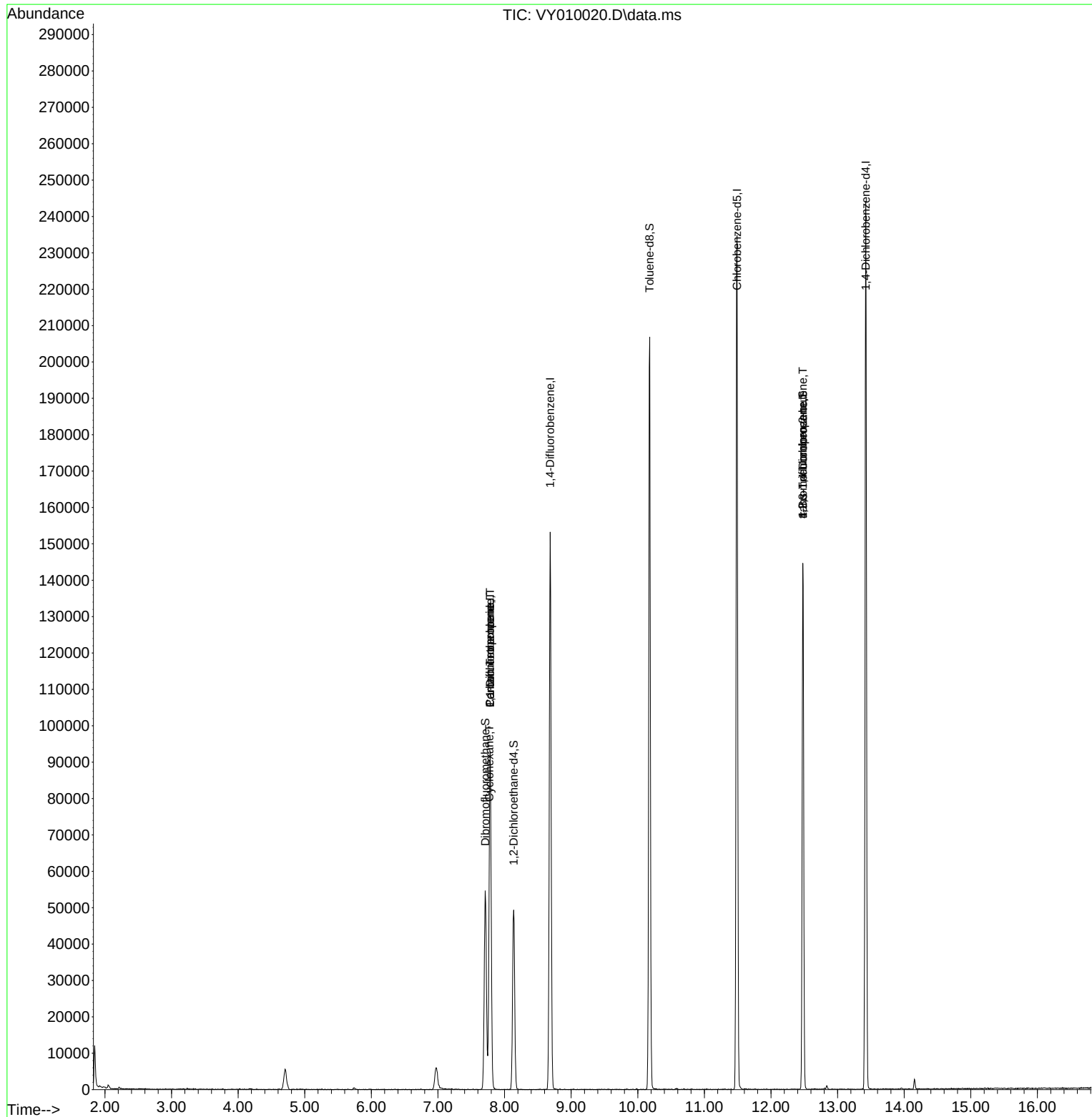
Internal Standards						
1) Pentafluorobenzene	7.783	168	72393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	39703	54.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.120%	
35) Dibromofluoromethane	7.710	113	38672	45.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.660%	
50) Toluene-d8	10.179	98	138862	42.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.880%	
62) 4-Bromofluorobenzene	12.477	95	48237	40.716	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	79	Below Cal	#	78
18) Methyl Acetate	4.460	43	50	Below Cal	#	52
20) Methylene Chloride	4.704	84	5013	Below Cal	#	71
31) Cyclohexane	7.771	56	1433	1.090	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	5181	4.123	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7061	5.631	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	22750	30.431	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22750	66.151	ug/l #	13

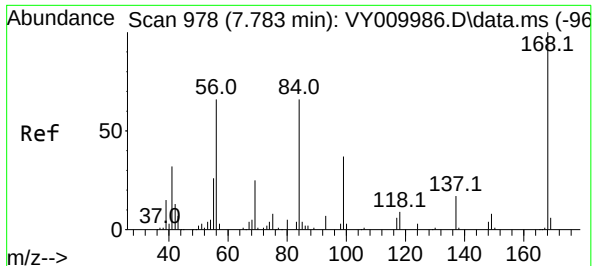
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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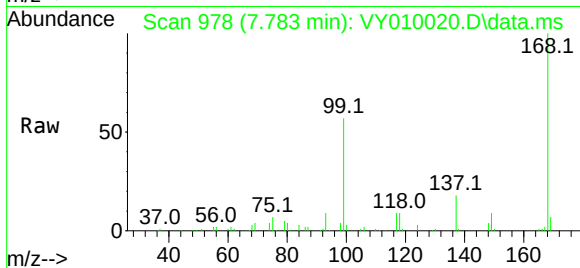
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration



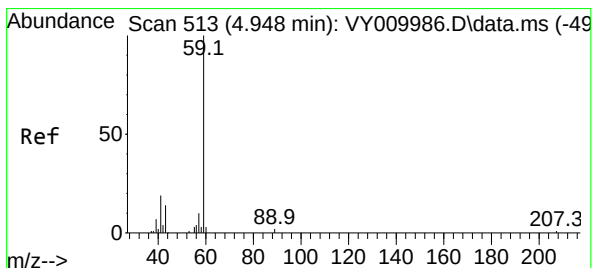
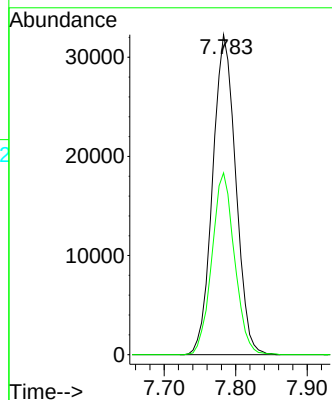
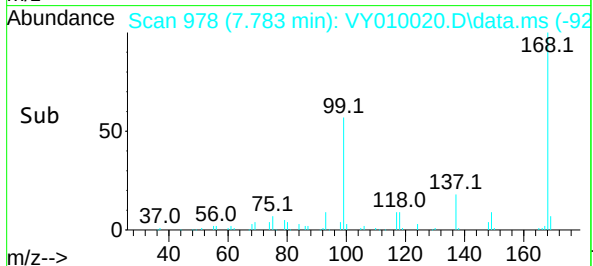


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-05

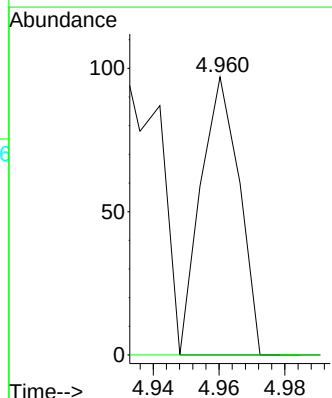
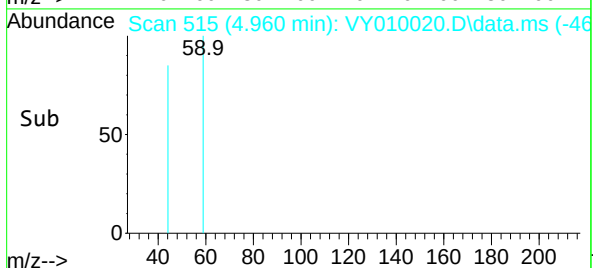
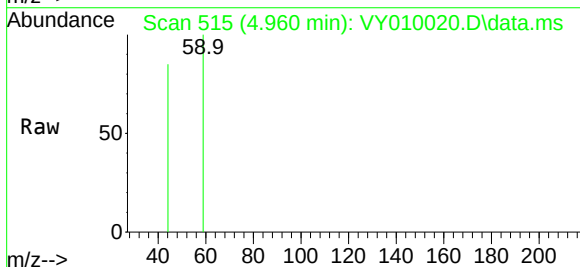


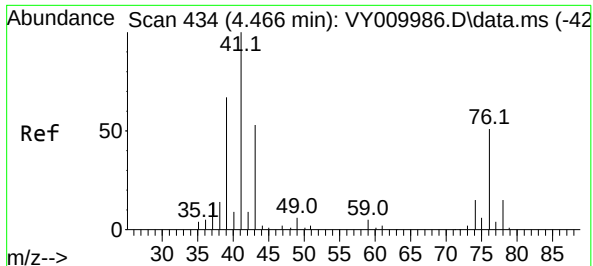
Tgt Ion:168 Resp: 72393
Ion Ratio Lower Upper
168 100
99 56.8 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

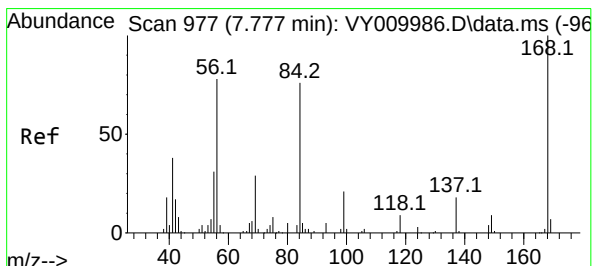
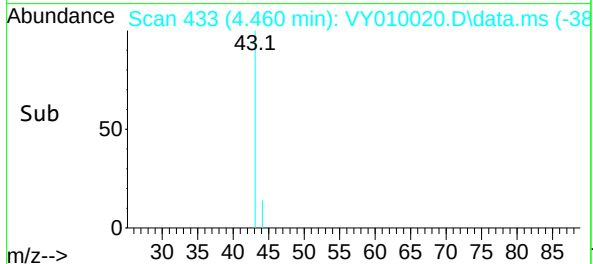
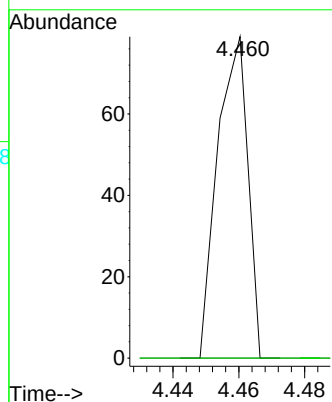
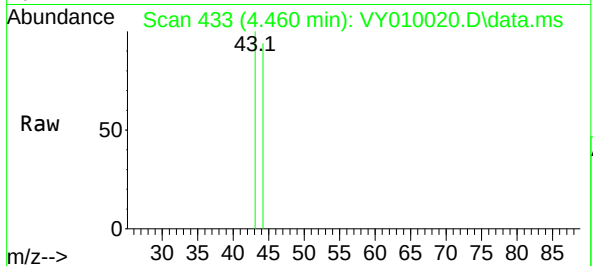




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

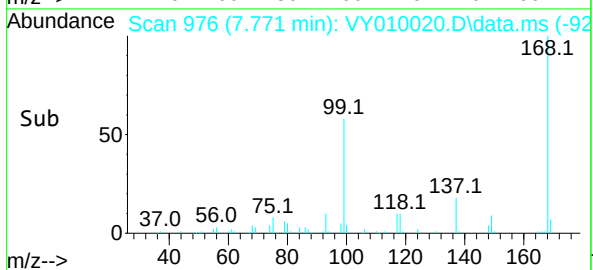
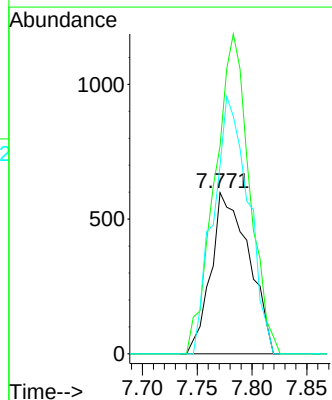
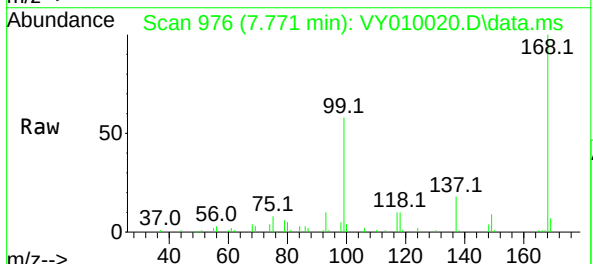
Instrument :
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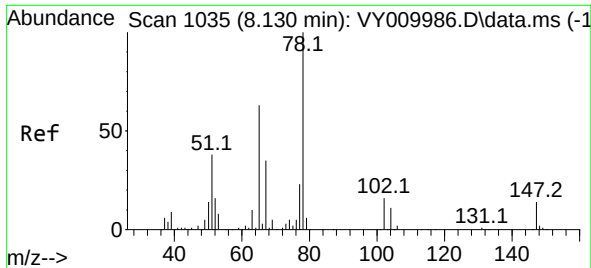
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.006 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

Tgt Ion: 56 Resp: 1433
Ion Ratio Lower Upper
56 100
69 128.9 26.0 39.0#
84 116.9 69.5 104.3#

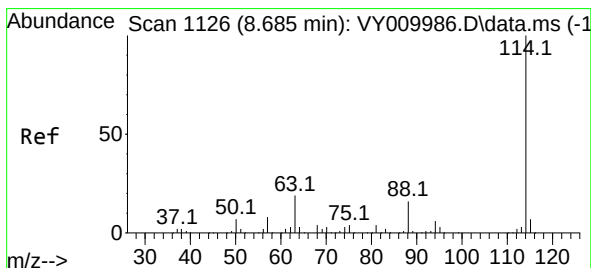
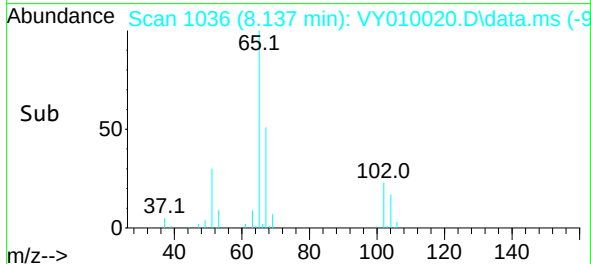
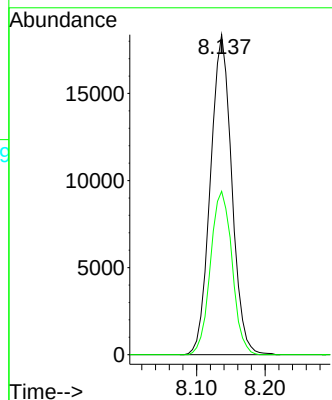
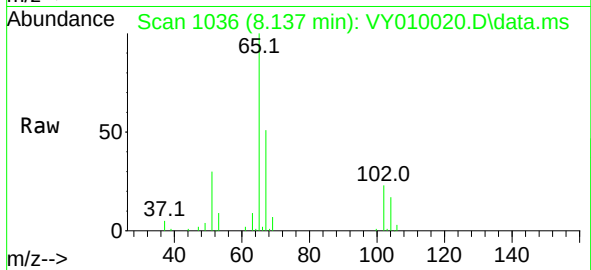




#33
 1,2-Dichloroethane-d4
 Concen: 54.065 ug/l
 RT: 8.137 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VY010020.D
 Acq: 15 Aug 2022 00:08

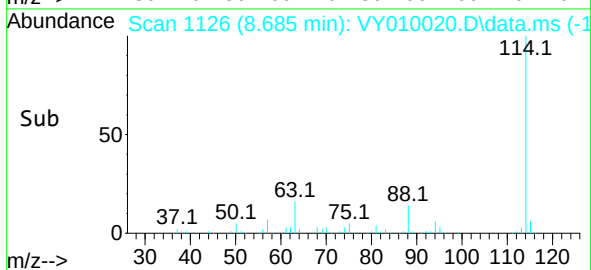
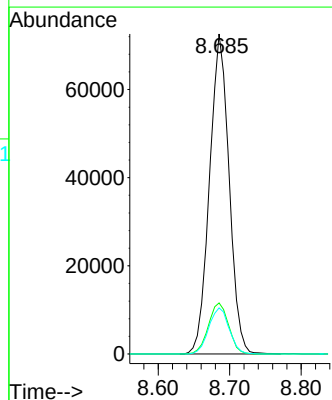
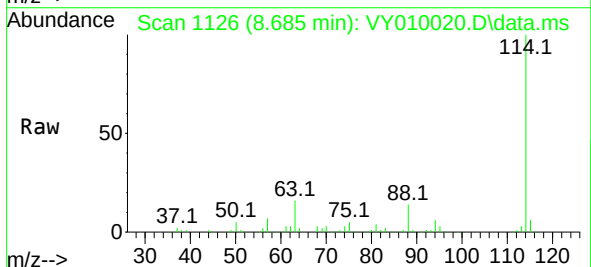
Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-05

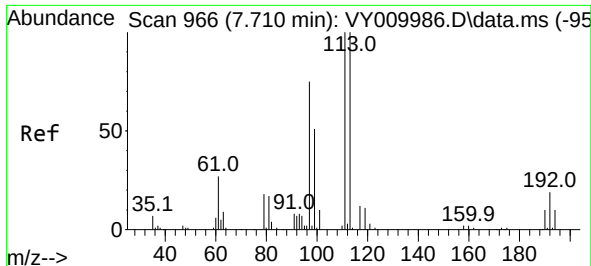
Tgt Ion: 65 Resp: 39703
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010020.D
 Acq: 15 Aug 2022 00:08

Tgt Ion: 114 Resp: 137882
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 38.0
 88 14.4 0.0 30.0

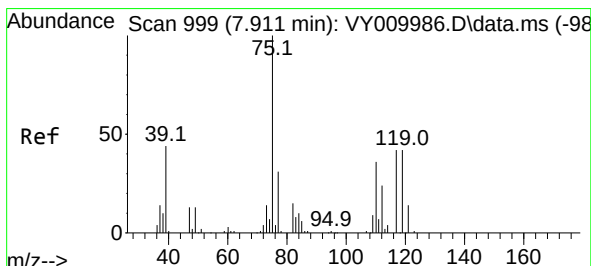
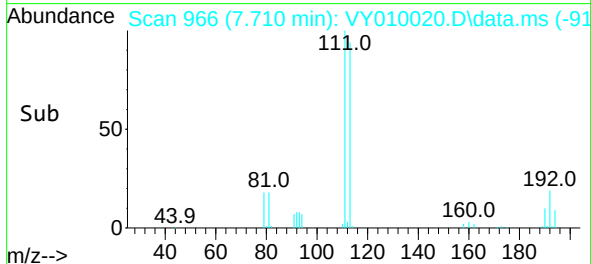
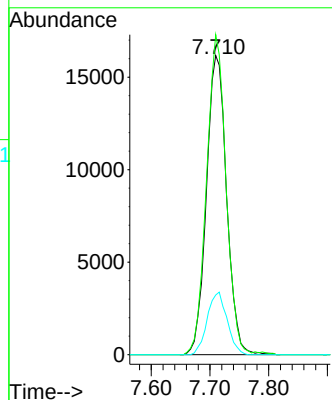
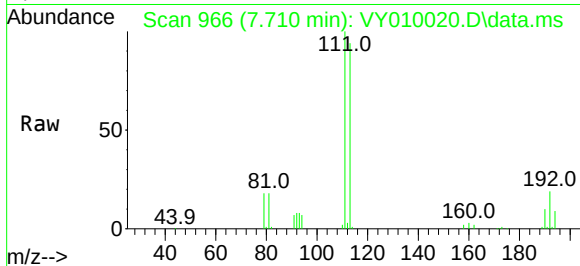




#35
Dibromofluoromethane
Concen: 45.826 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

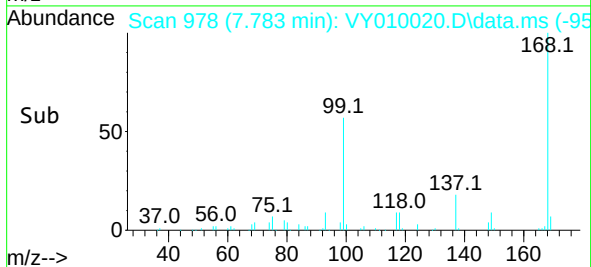
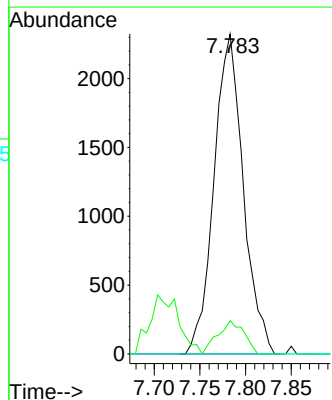
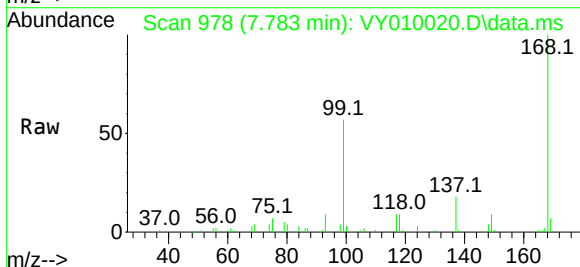
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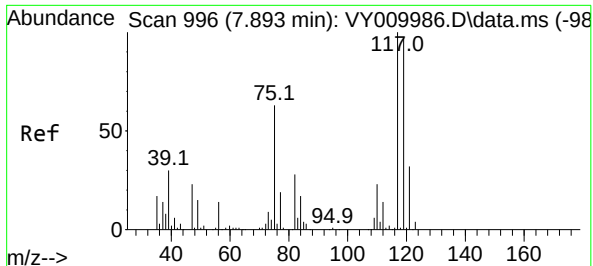
Tgt Ion:113 Resp: 38672
Ion Ratio Lower Upper
113 100
111 103.6 80.6 120.8
192 20.5 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.123 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

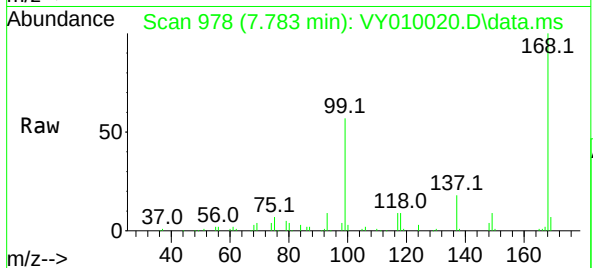
Tgt Ion: 75 Resp: 5181
Ion Ratio Lower Upper
75 100
110 9.3 18.6 56.0#
77 0.0 25.0 37.4#



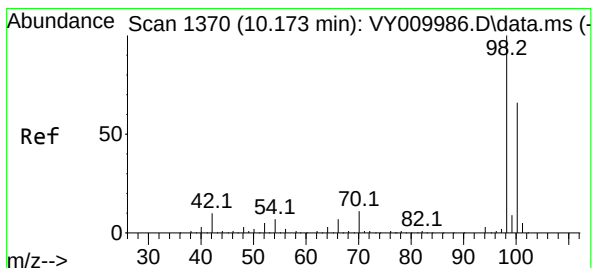
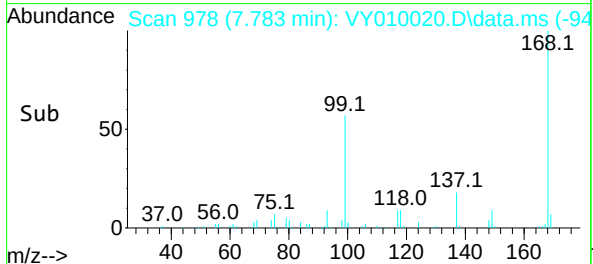
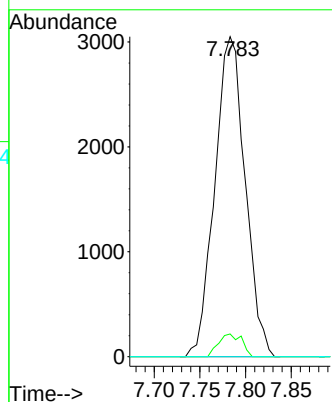


#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-05

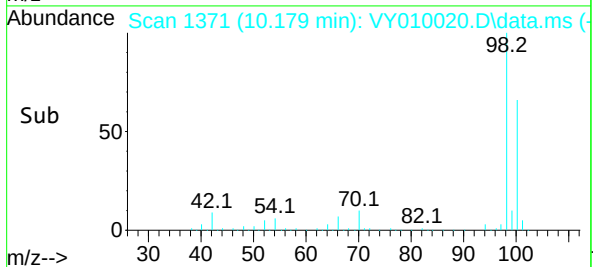
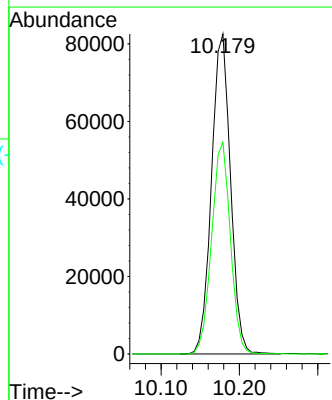
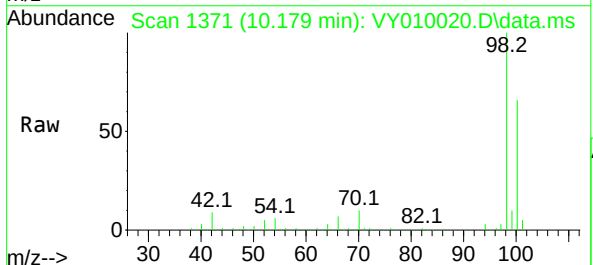


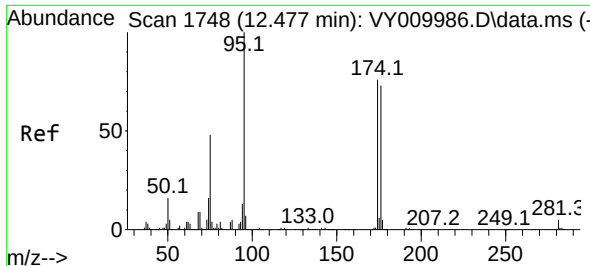
Tgt Ion:117 Resp: 7061
Ion Ratio Lower Upper
117 100
119 7.1 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.945 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

Tgt Ion: 98 Resp: 138862
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3

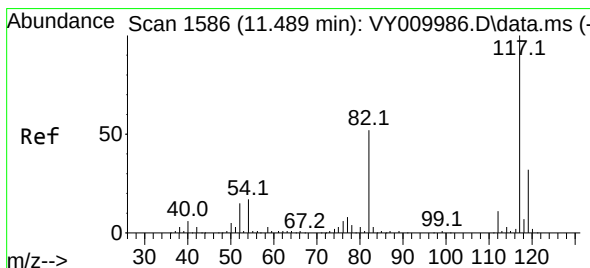
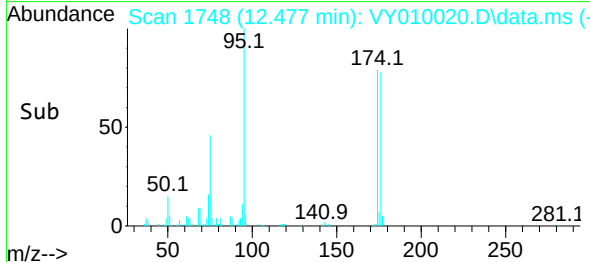
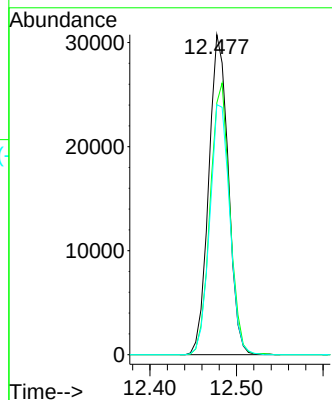
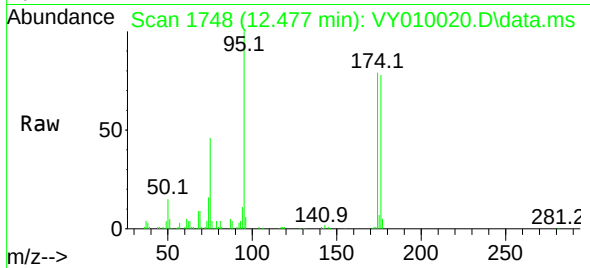




#62
4-Bromofluorobenzene
Concen: 40.716 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

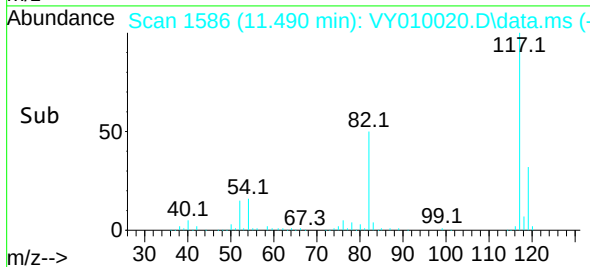
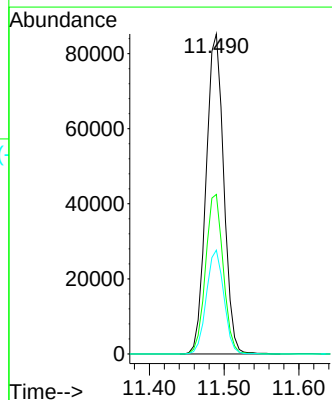
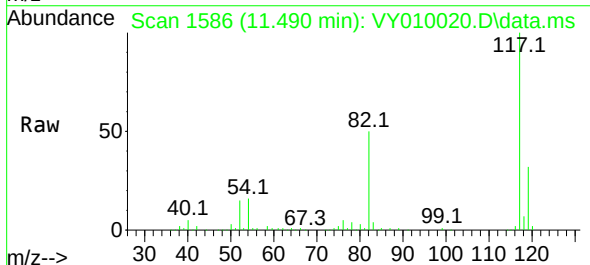
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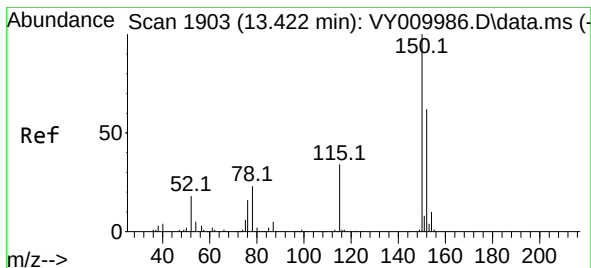
Tgt Ion: 95 Resp: 48237
Ion Ratio Lower Upper
95 100
174 84.9 0.0 173.8
176 79.9 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010020.D
Acq: 15 Aug 2022 00:08

Tgt Ion: 117 Resp: 139445
Ion Ratio Lower Upper
117 100
82 49.9 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: VY010020.D

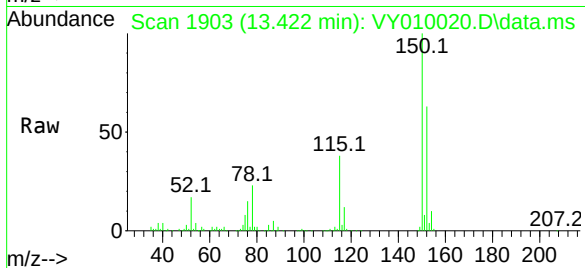
Acq: 15 Aug 2022 00:08

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-05



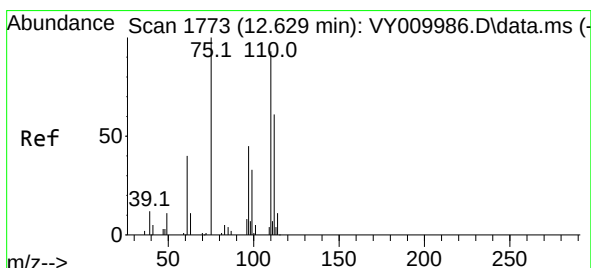
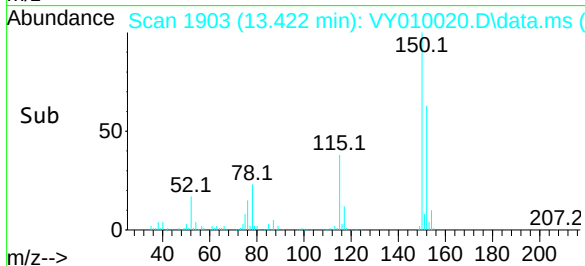
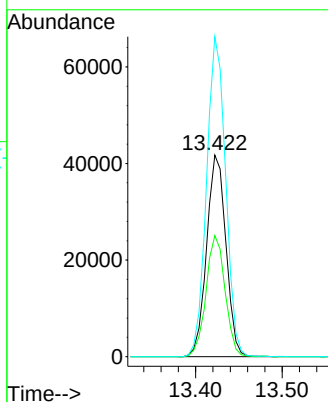
Tgt Ion:152 Resp: 64694

Ion Ratio Lower Upper

152 100

115 59.2 28.6 85.9

150 156.3 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 30.431 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010020.D

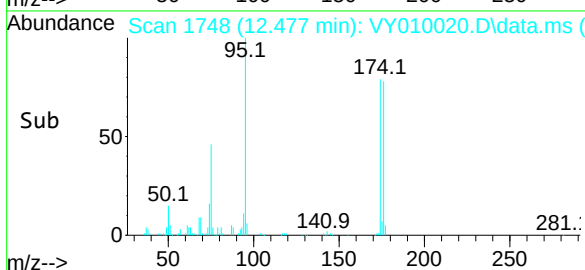
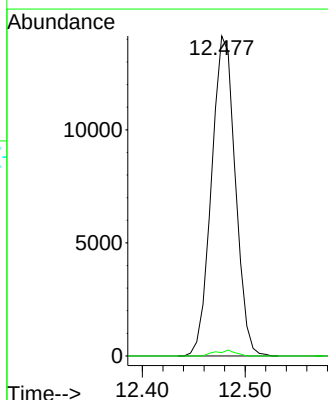
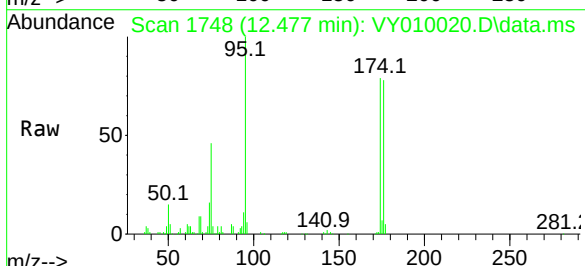
Acq: 15 Aug 2022 00:08

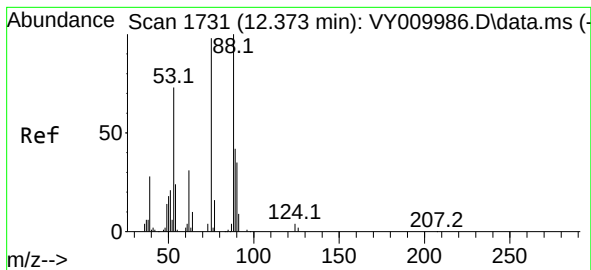
Tgt Ion: 75 Resp: 22750

Ion Ratio Lower Upper

75 100

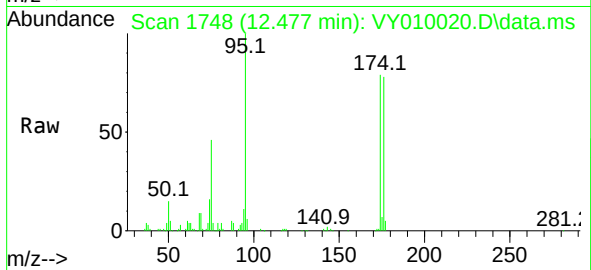
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.151 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010020.D
 Acq: 15 Aug 2022 00:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-05



Tgt Ion: 75 Resp: 22750
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

