

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010019.D
 Acq On : 14 Aug 2022 23:44
 Operator : KP/MD
 Sample : N4046-07
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-04

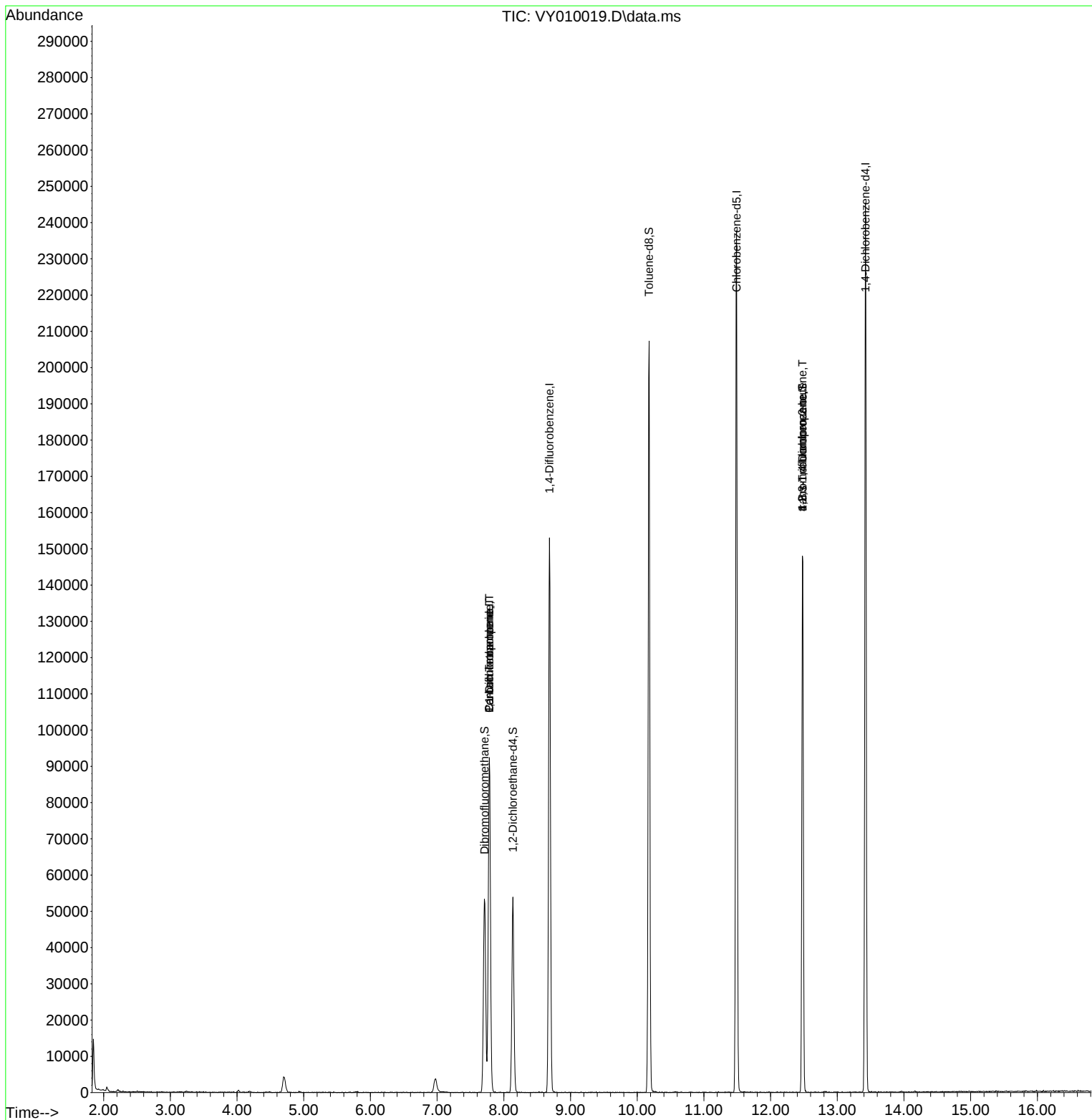
Quant Time: Aug 15 00:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

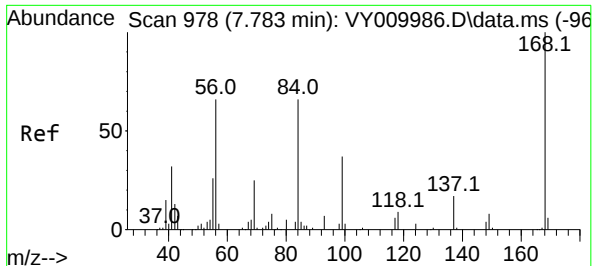
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	72985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40207	54.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.710	113	39135	45.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.960%	
50) Toluene-d8	10.179	98	139952	42.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.900%	
62) 4-Bromofluorobenzene	12.477	95	48707	40.323	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	193	Below Cal	#	78
18) Methyl Acetate	4.466	43	71	Below Cal	#	52
20) Methylene Chloride	4.710	84	3806	Below Cal	#	74
36) 1,1-Dichloropropene	7.783	75	4889	3.816	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7314	5.720	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	23009	30.088	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23009	65.406	ug/l #	13

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

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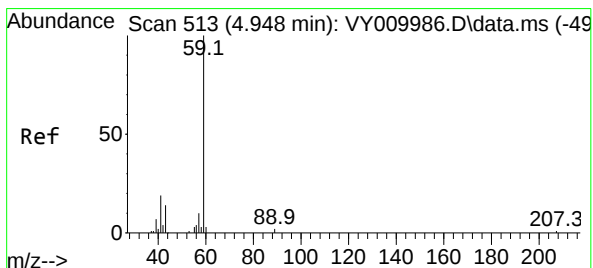
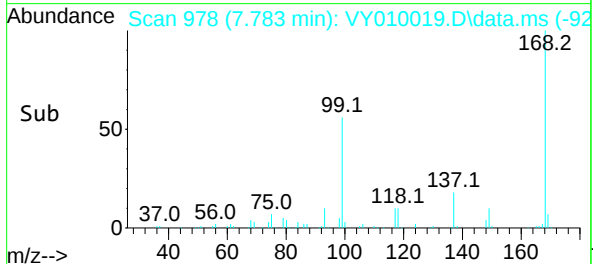
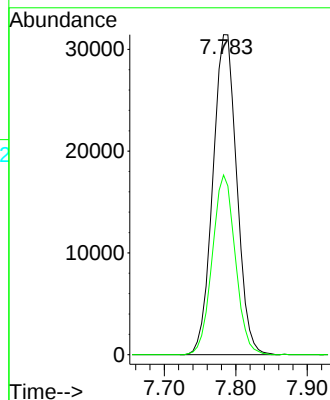
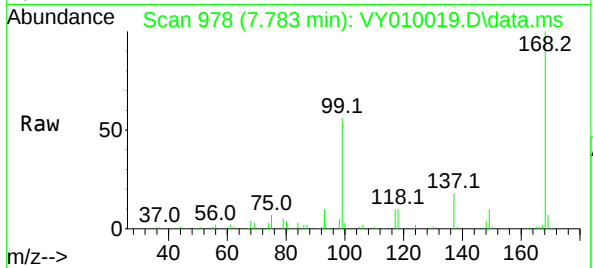




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

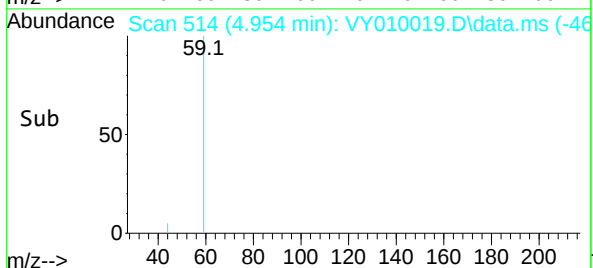
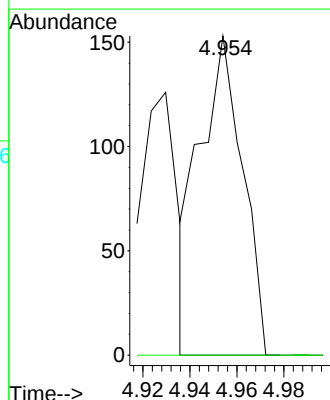
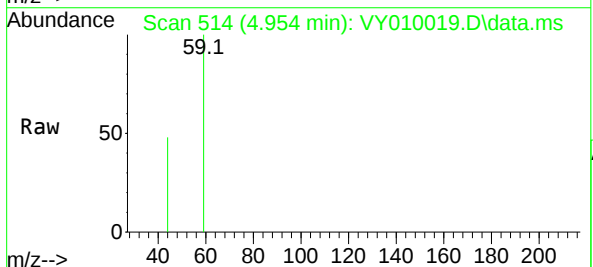
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-04

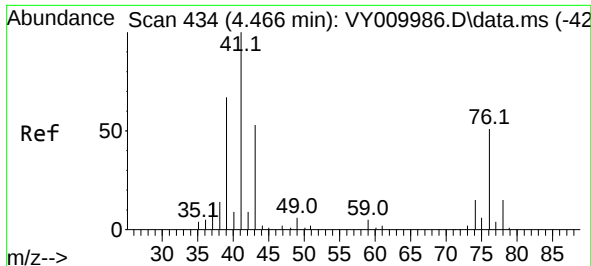
Tgt Ion:168 Resp: 72985
Ion Ratio Lower Upper
168 100
99 56.2 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

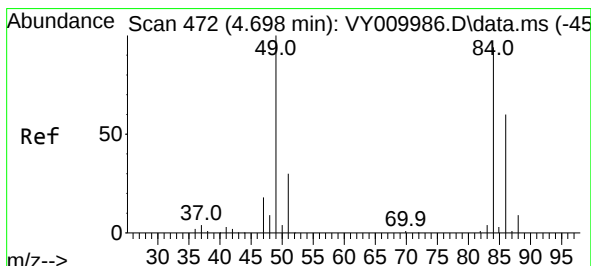
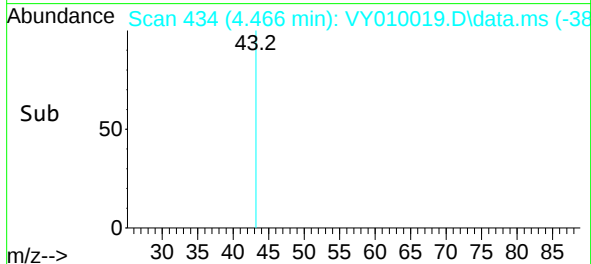
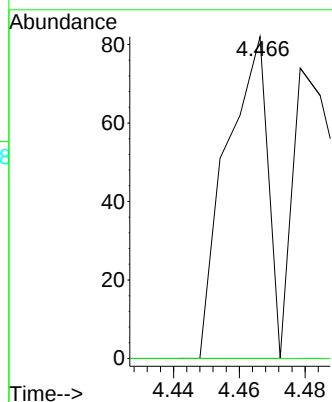
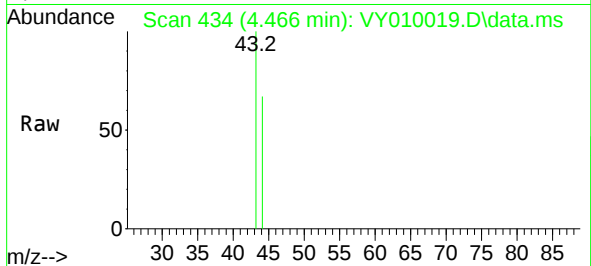




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

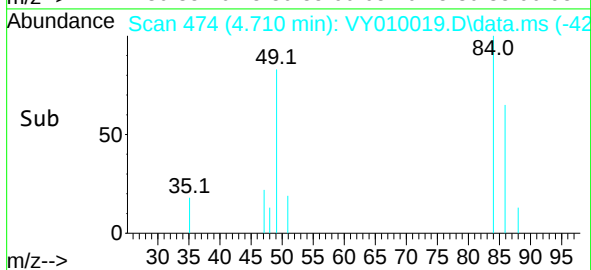
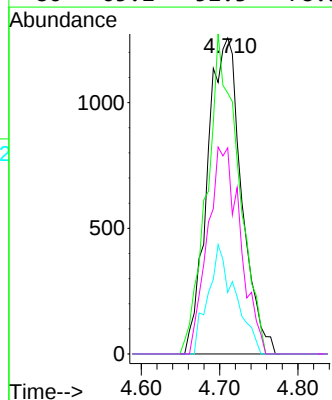
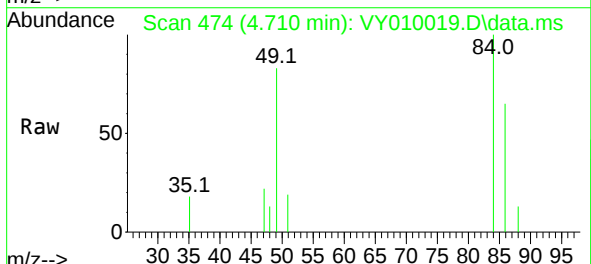
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-04

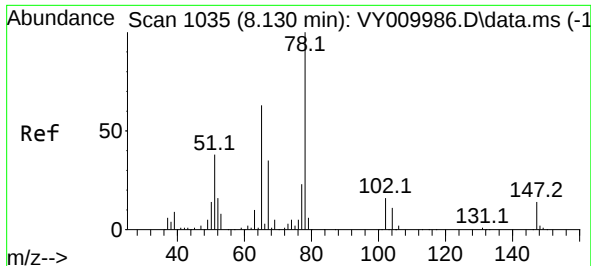
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.012 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

Tgt Ion: 84 Resp: 3806
Ion Ratio Lower Upper
84 100
49 82.6 98.2 147.4#
51 19.5 33.4 50.0#
86 65.2 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 54.307 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010019.D

Acq: 14 Aug 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

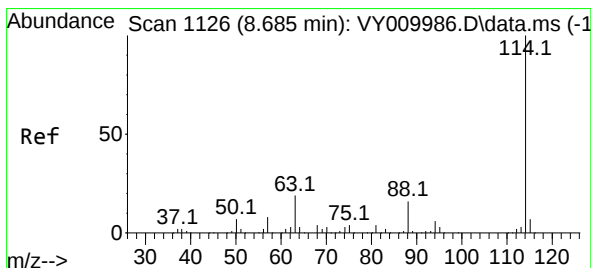
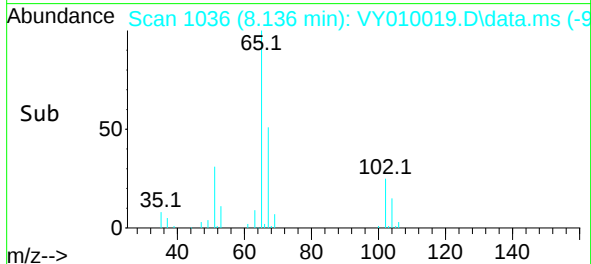
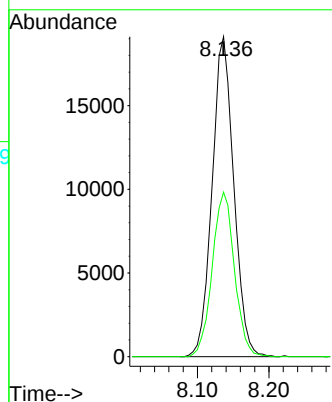
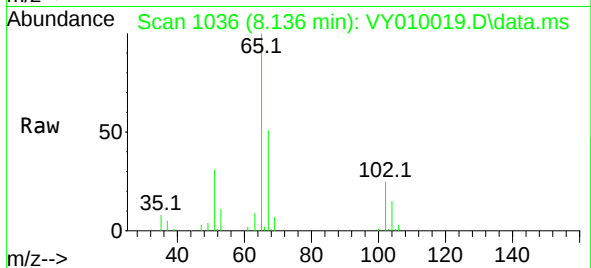
BEACONPOINT-BACKFILL-04

Tgt Ion: 65 Resp: 40207

Ion Ratio Lower Upper

65 100

67 52.8 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: VY010019.D

Acq: 14 Aug 2022 23:44

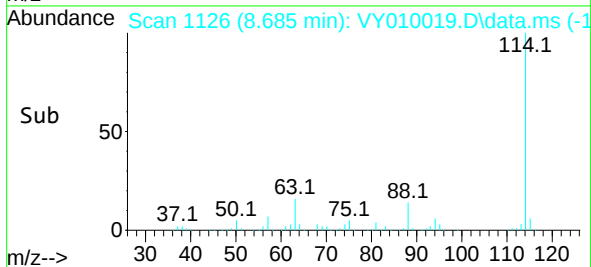
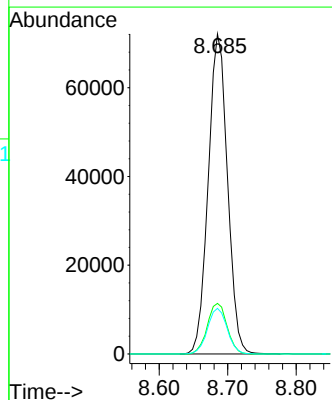
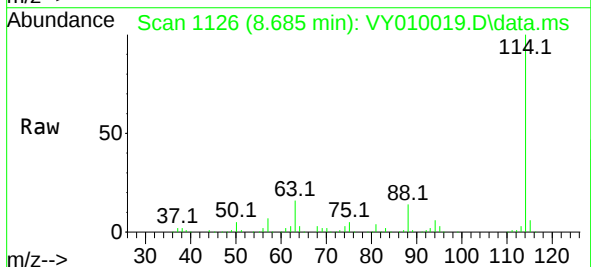
Tgt Ion: 114 Resp: 140583

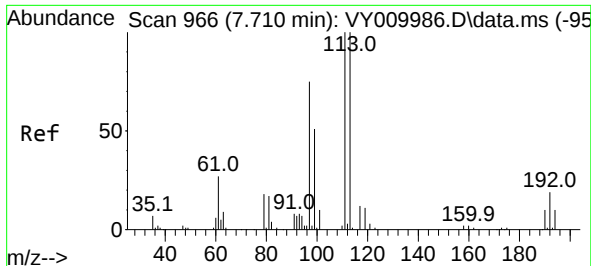
Ion Ratio Lower Upper

114 100

63 15.8 0.0 38.0

88 14.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 45.483 ug/l

RT: 7.710 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY010019.D

Acq: 14 Aug 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-04

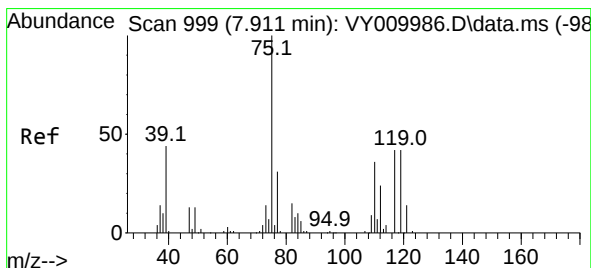
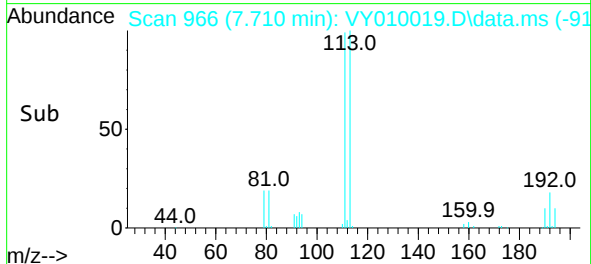
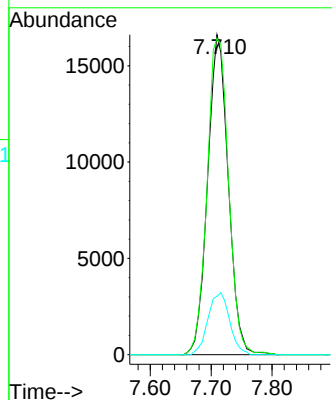
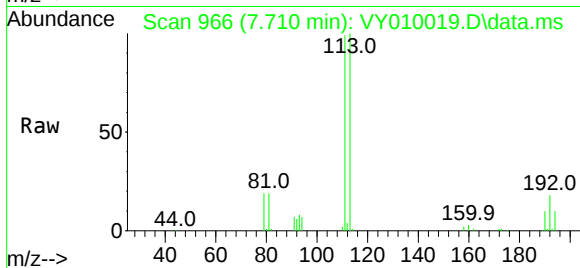
Tgt Ion:113 Resp: 39135

Ion Ratio Lower Upper

113 100

111 103.2 80.6 120.8

192 20.3 16.2 24.4



#36

1,1-Dichloropropene

Concen: 3.816 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY010019.D

Acq: 14 Aug 2022 23:44

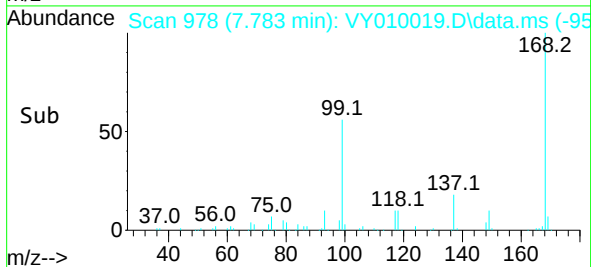
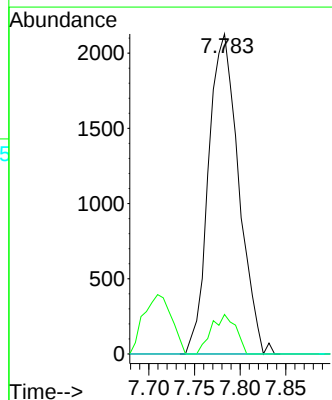
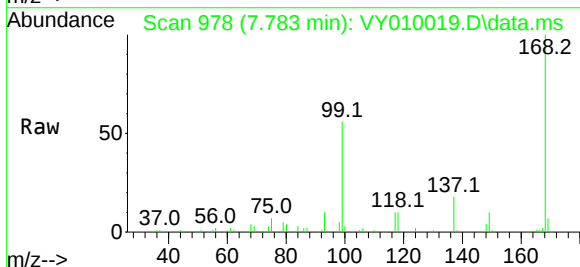
Tgt Ion: 75 Resp: 4889

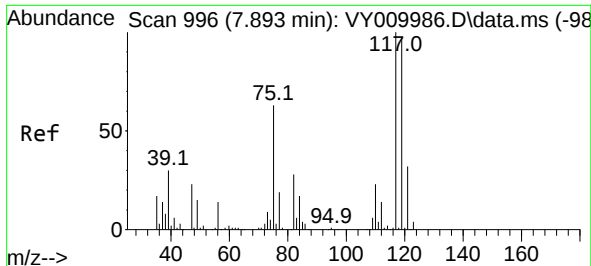
Ion Ratio Lower Upper

75 100

110 10.0 18.6 56.0#

77 0.0 25.0 37.4#

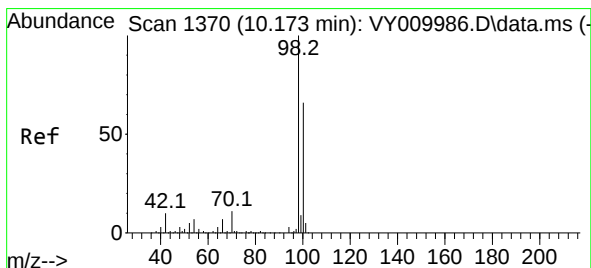
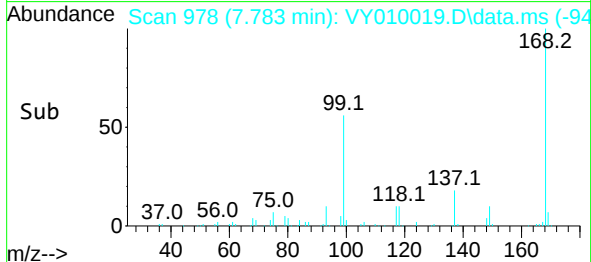
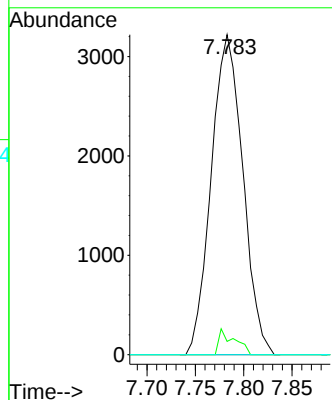
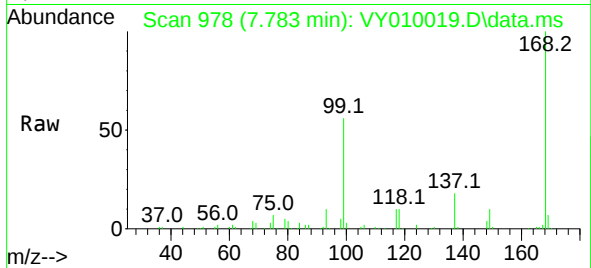




#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

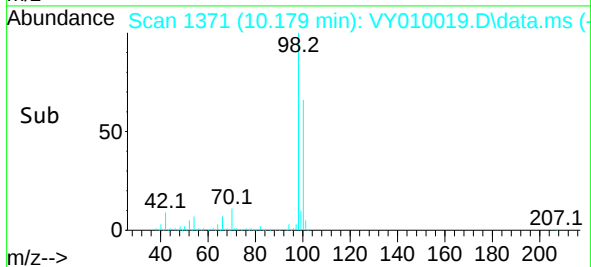
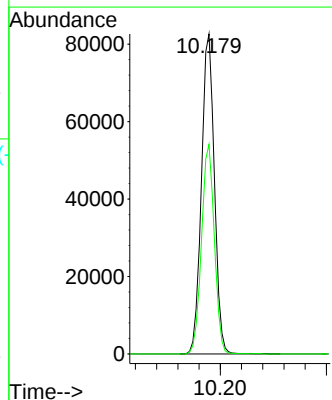
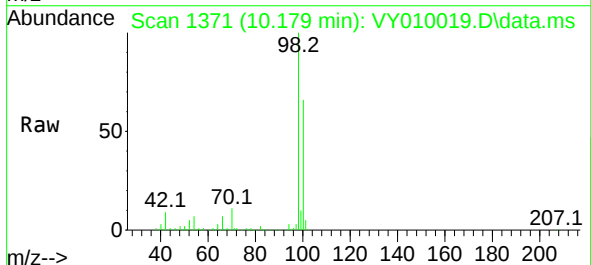
Instrument :
MSVOA_Y
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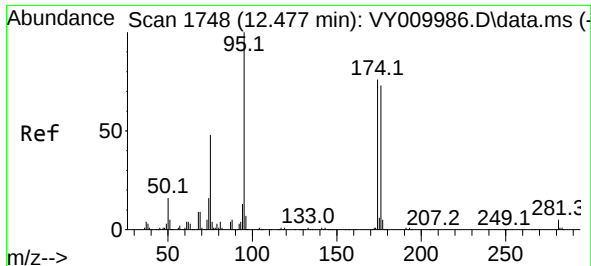
Tgt Ion:117 Resp: 7314
Ion Ratio Lower Upper
117 100
119 4.1 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 42.450 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

Tgt Ion: 98 Resp: 139952
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

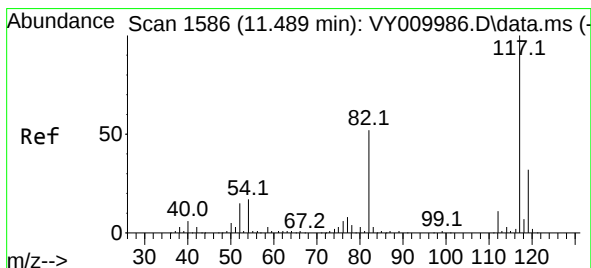
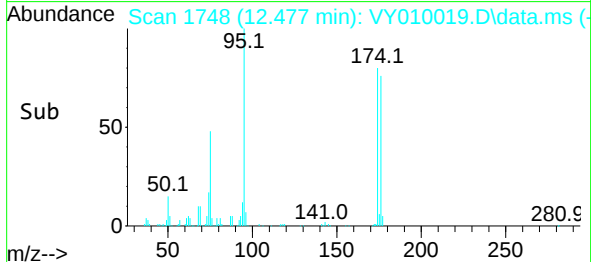
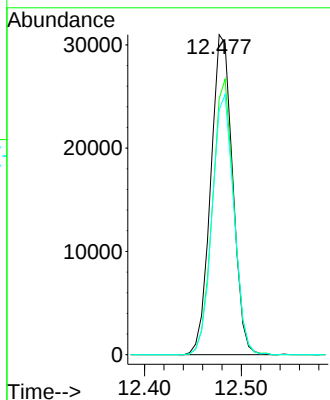
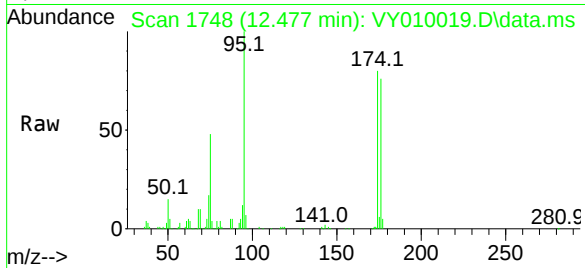




#62
4-Bromofluorobenzene
Concen: 40.323 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

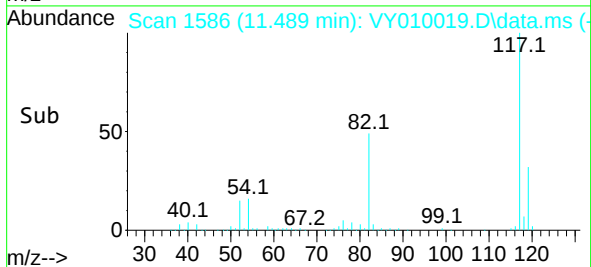
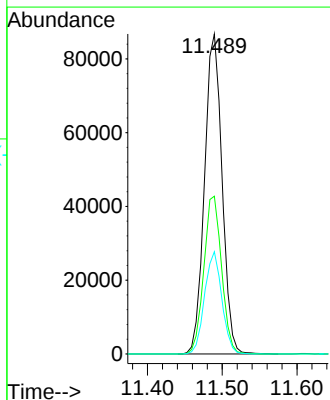
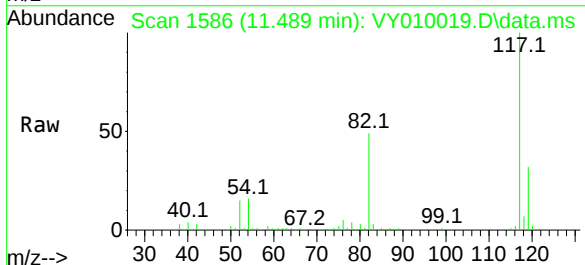
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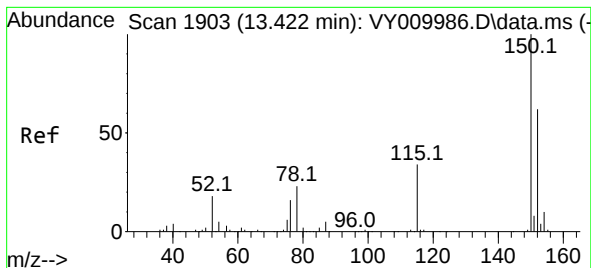
Tgt Ion: 95 Resp: 48707
Ion Ratio Lower Upper
95 100
174 83.6 0.0 173.8
176 80.8 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

Tgt Ion: 117 Resp: 141502
Ion Ratio Lower Upper
117 100
82 49.3 41.8 62.6
119 32.0 25.6 38.4

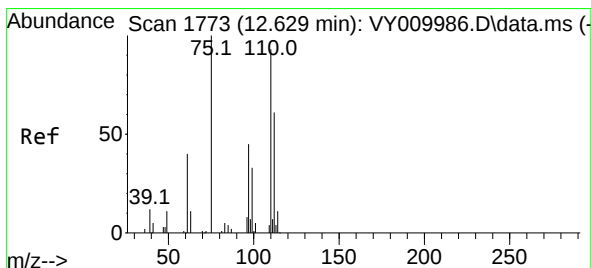
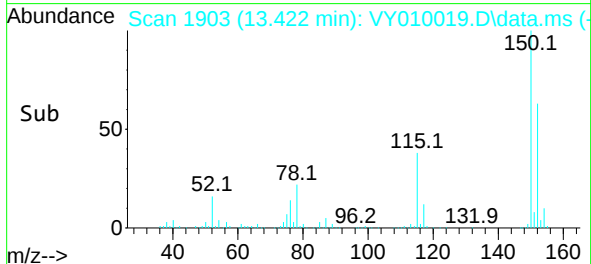
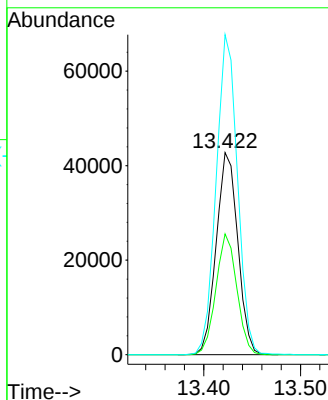
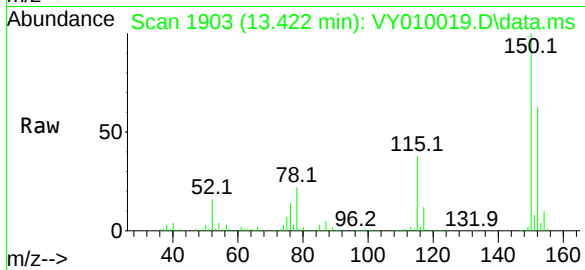




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010019.D
 Acq: 14 Aug 2022 23:44

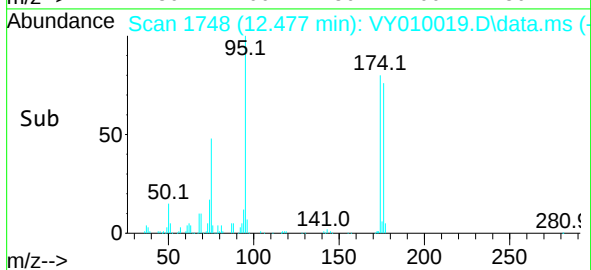
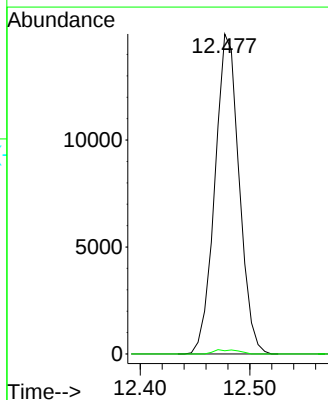
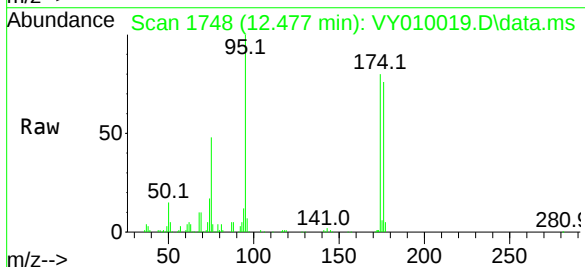
Instrument : MSVOA_Y
 ClientSampleId : BEACONPOINT-BACKFILL-04

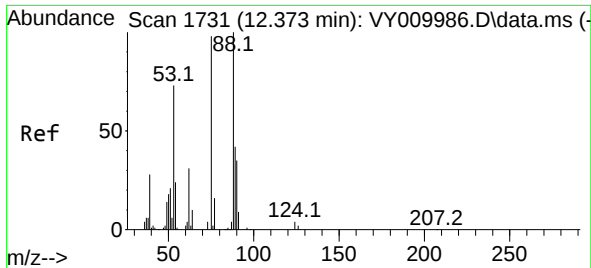
Tgt Ion:152 Resp: 66176
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.6 85.9
 150 156.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.088 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010019.D
 Acq: 14 Aug 2022 23:44

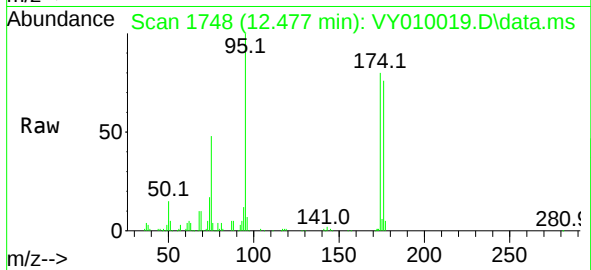
Tgt Ion: 75 Resp: 23009
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.406 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010019.D
Acq: 14 Aug 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-04



Tgt Ion:	75	Resp:	23009
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

