

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)

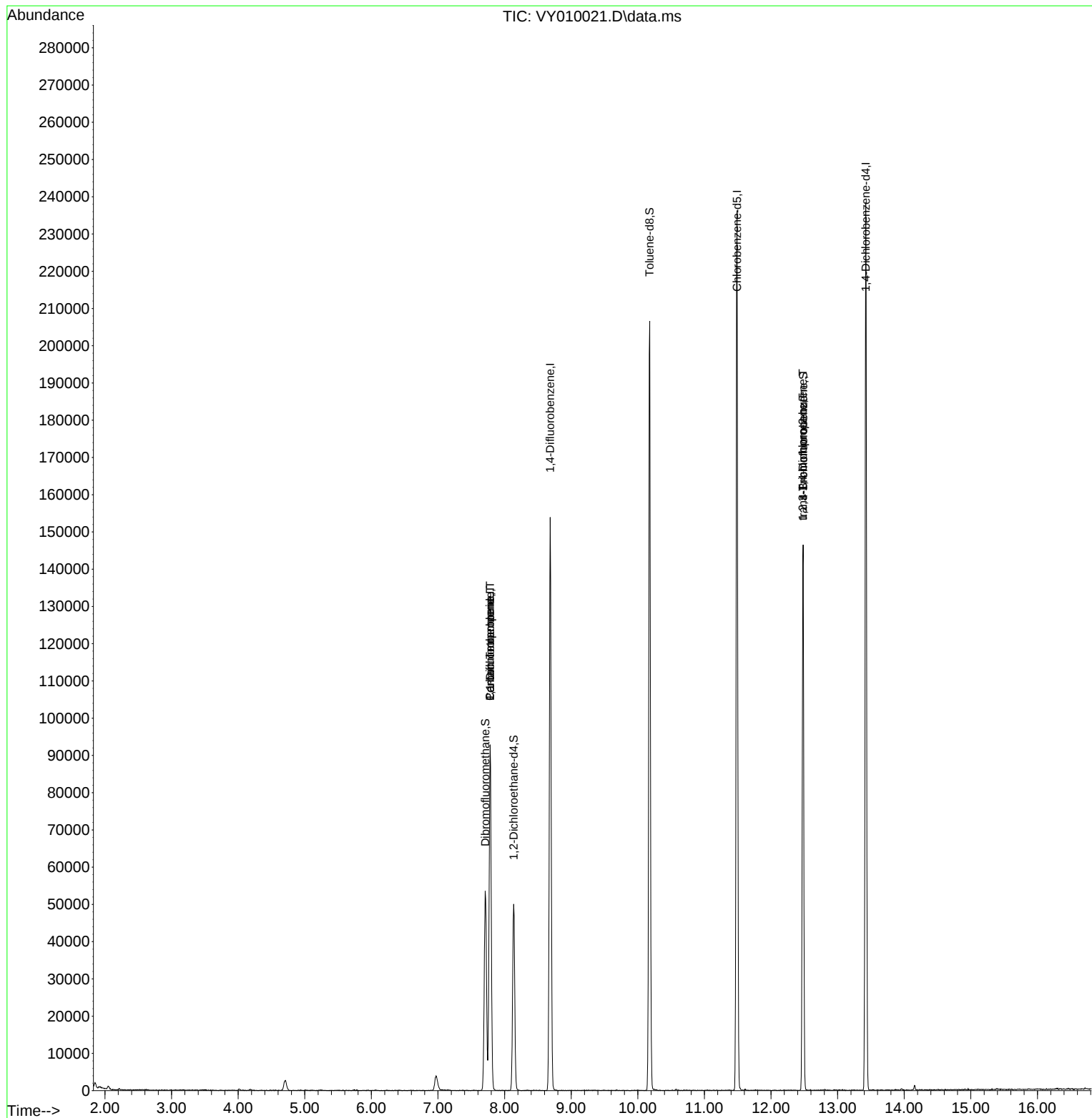
Internal Standards						
1) Pentafluorobenzene	7.783	168	72769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	137453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	4.942	59	159	Below Cal	#	78
18) Methyl Acetate	4.478	43	42	Below Cal	#	52
20) Methylene Chloride	4.692	84	2486	Below Cal	#	62
36) 1,1-Dichloropropene	7.783	75	4995	3.990	ug/l #	48
38) Carbon Tetrachloride	7.783	117	7258	5.810	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	22408	30.705	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22408	66.747	ug/l #	13

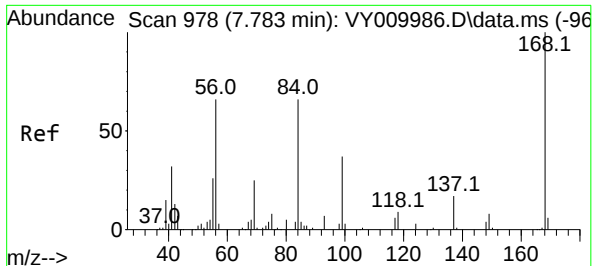
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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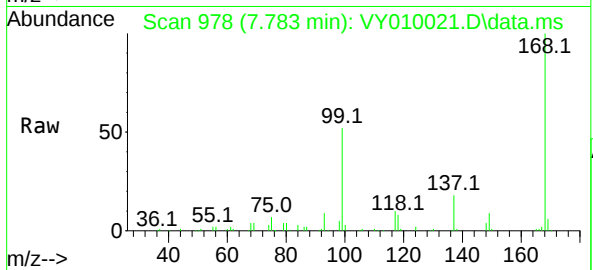
Quant Time: Aug 15 06:23:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration



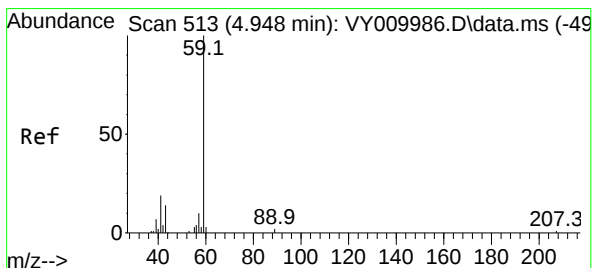
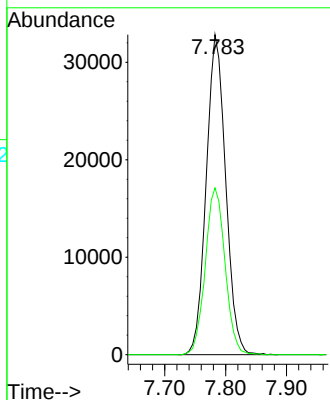
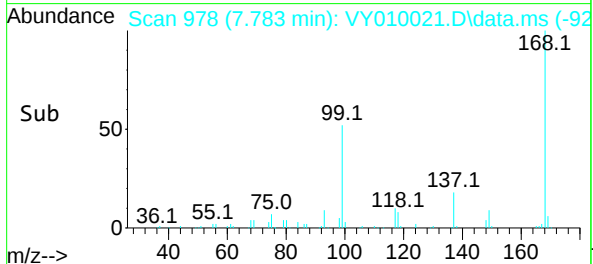


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-06

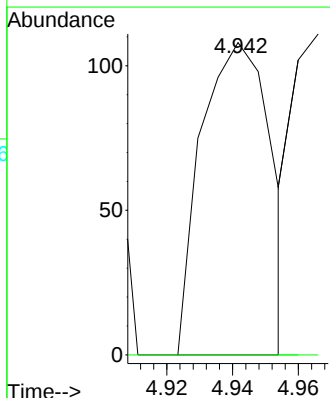
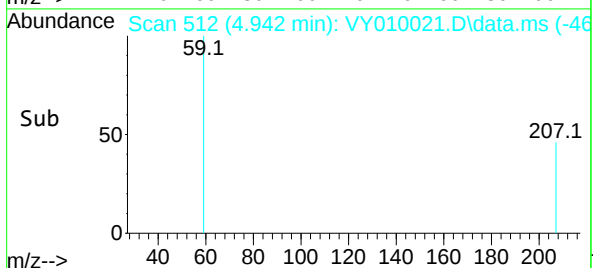
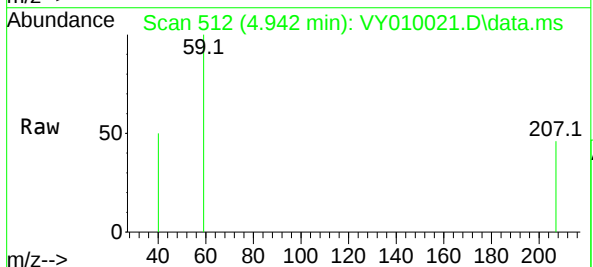


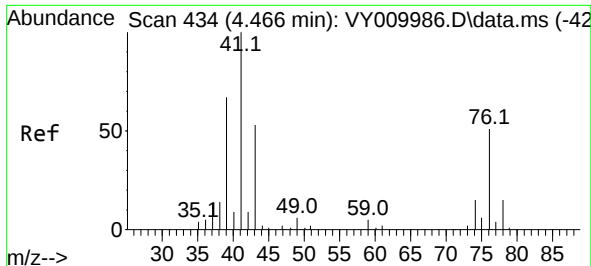
Tgt Ion:168 Resp: 72769
Ion Ratio Lower Upper
168 100
99 52.1 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

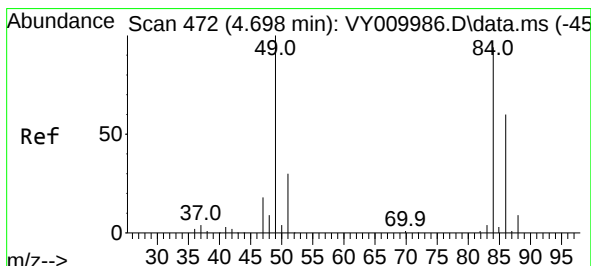
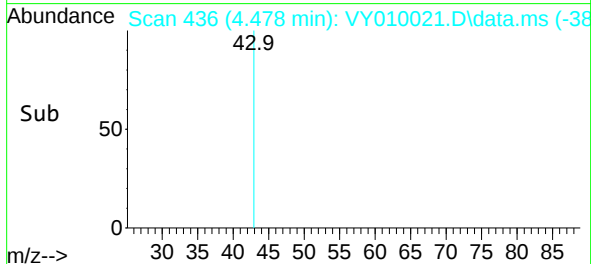
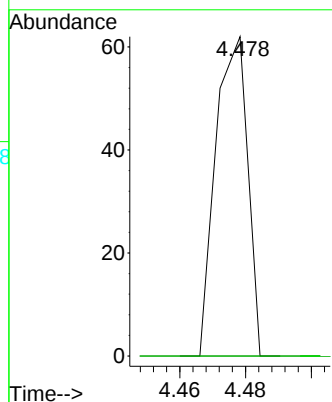
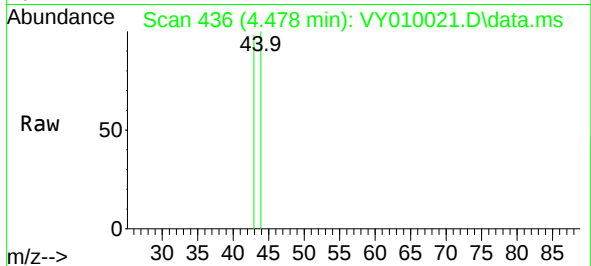




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

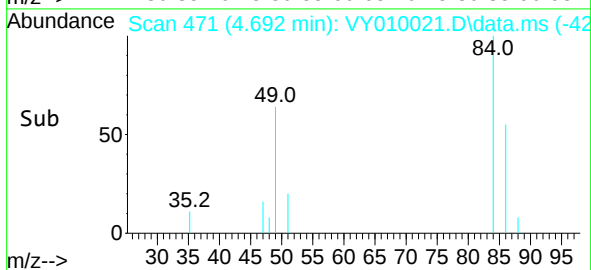
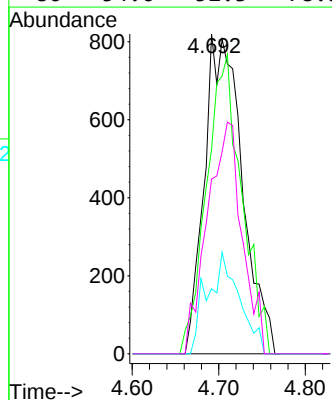
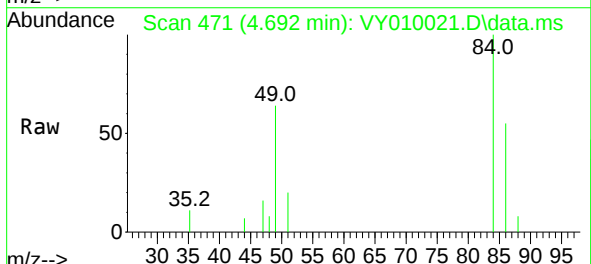
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-06

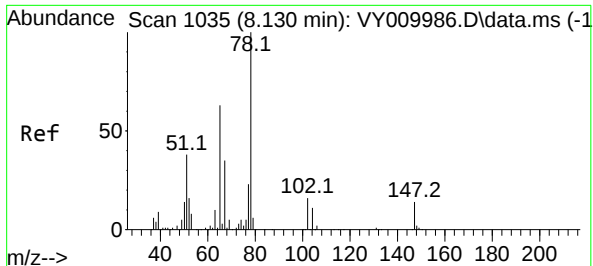
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Tgt Ion: 84 Resp: 2486
Ion Ratio Lower Upper
84 100
49 63.9 98.2 147.4#
51 20.4 33.4 50.0#
86 54.6 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 53.321 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010021.D

Acq: 15 Aug 2022 00:31

Instrument :

MSVOA_Y

ClientSampleId :

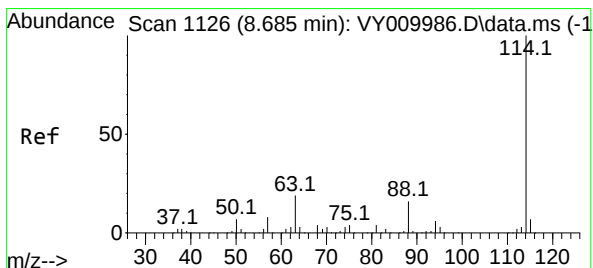
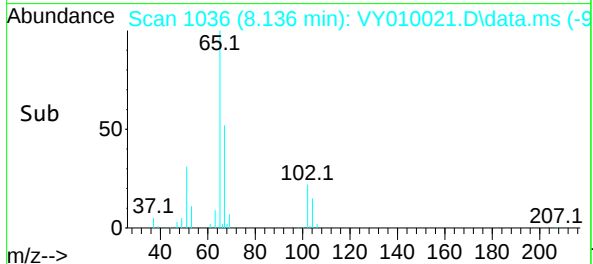
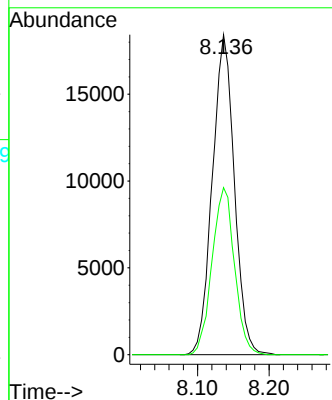
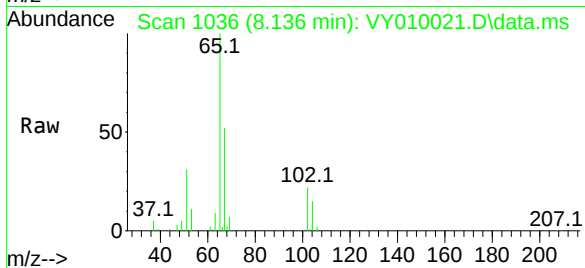
BEACONPOINT-BACKFILL-06

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

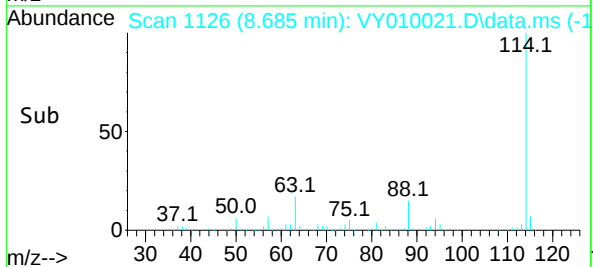
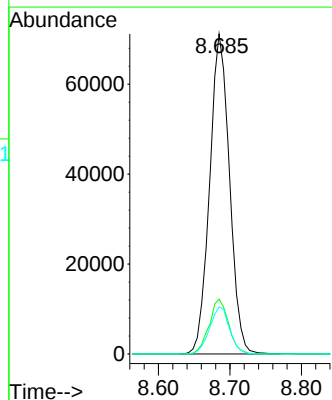
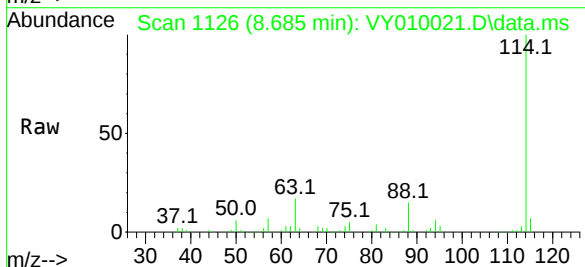
Tgt Ion: 114 Resp: 137352

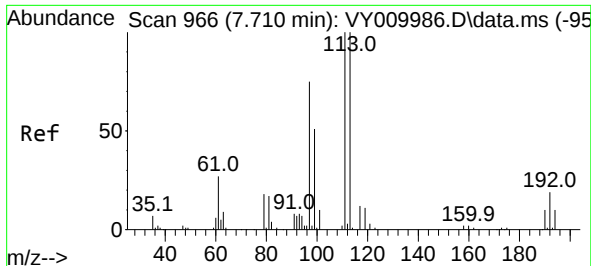
Ion Ratio Lower Upper

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# 91

Delta R.T. -0.000 min

Lab File: VY010021.D

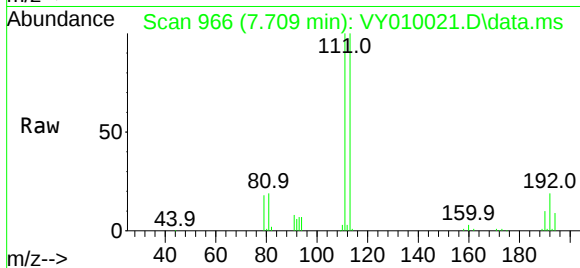
Acq: 15 Aug 2022 00:31

Instrument :

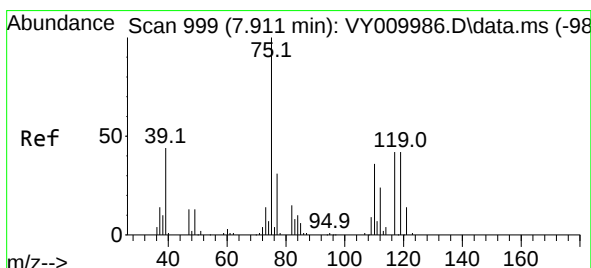
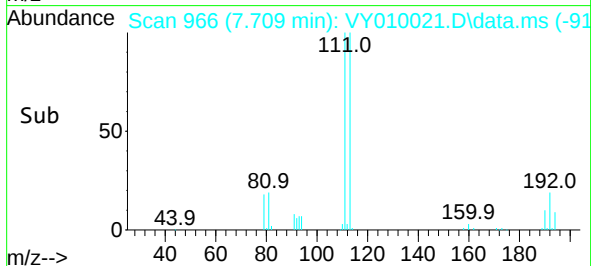
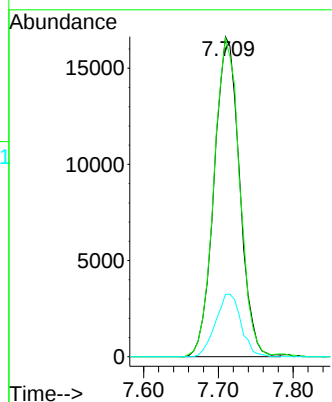
MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-06



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



#36

1,1-Dichloropropene

Concen: 3.990 ug/l

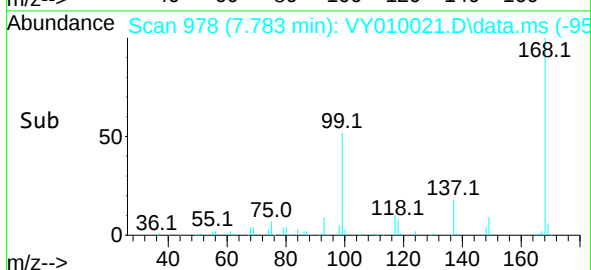
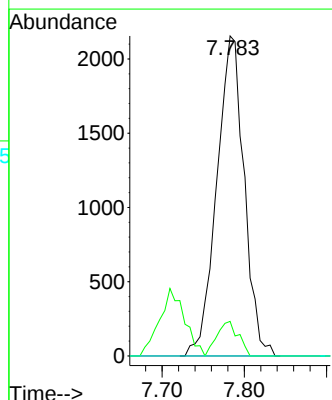
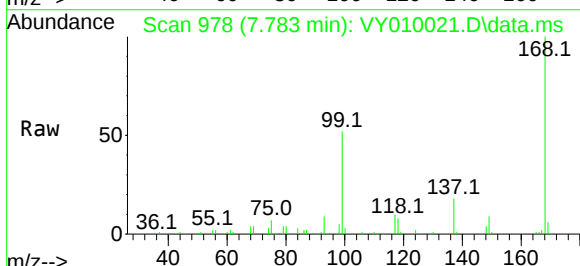
RT: 7.783 min Scan# 978

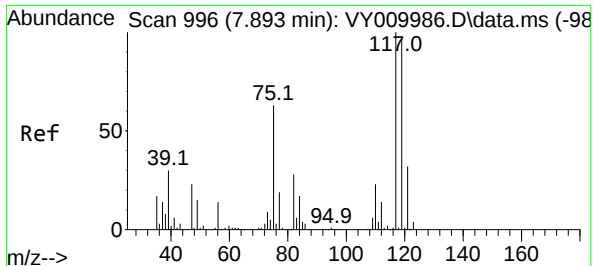
Delta R.T. -0.128 min

Lab File: VY010021.D

Acq: 15 Aug 2022 00:31

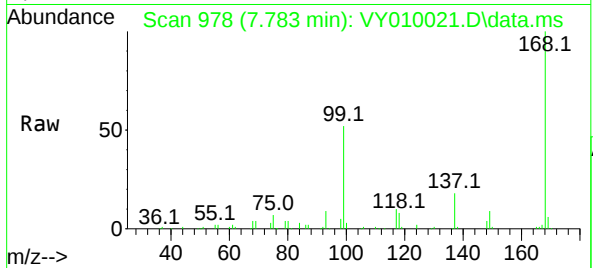
Tgt Ion:	75	Resp:	4995
Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.6	56.0#
77	0.0	25.0	37.4#



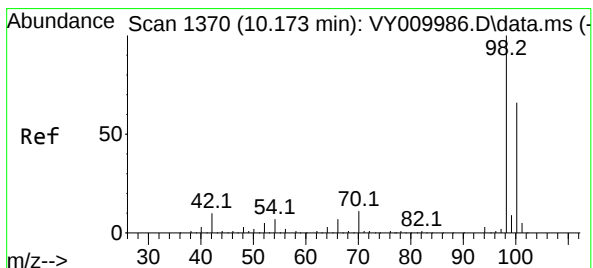
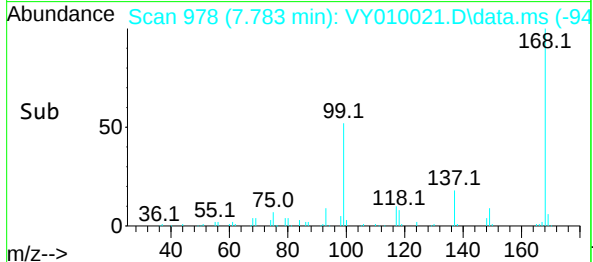
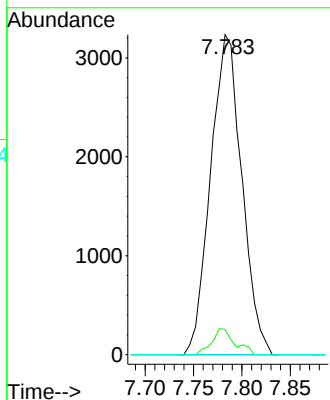


#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-06

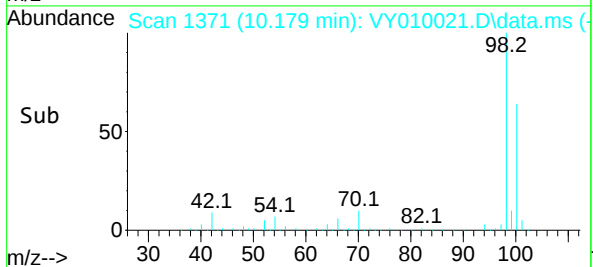
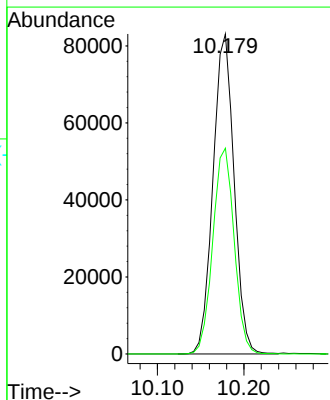
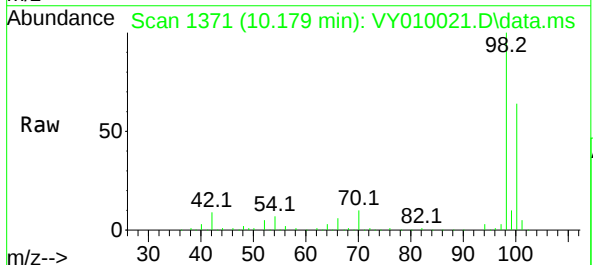


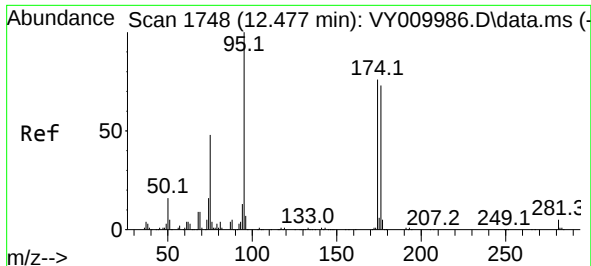
Tgt Ion:117 Resp: 7258
Ion Ratio Lower Upper
117 100
119 7.9 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 43.580 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

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

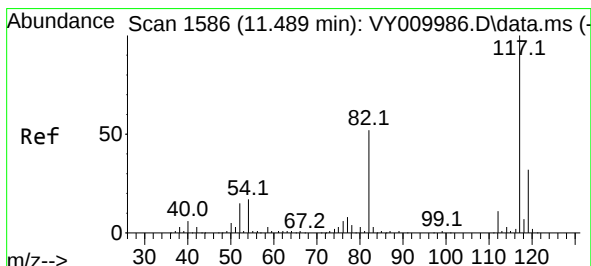
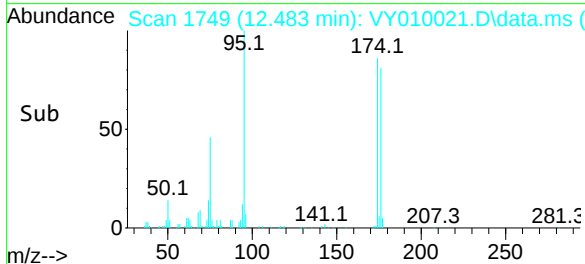
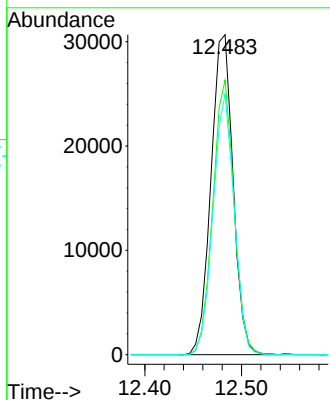
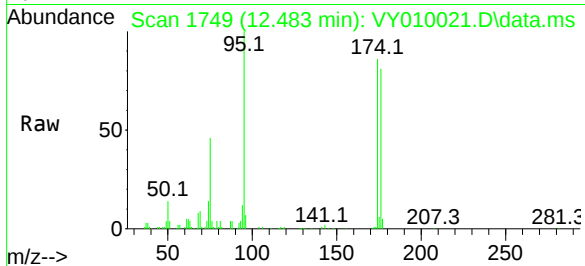




#62
4-Bromofluorobenzene
Concen: 41.201 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

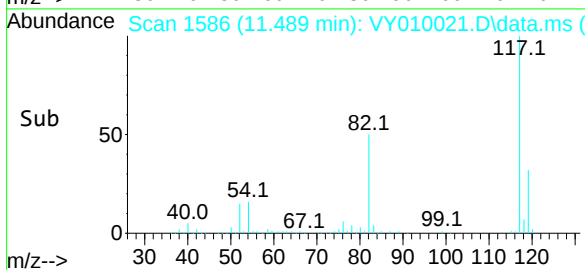
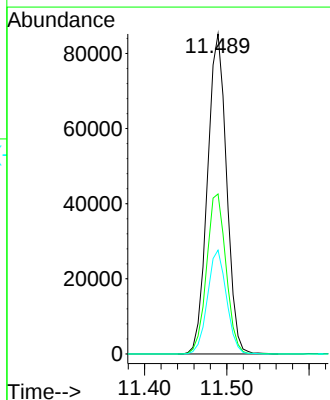
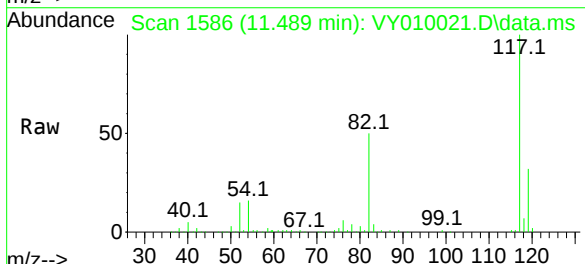
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-06

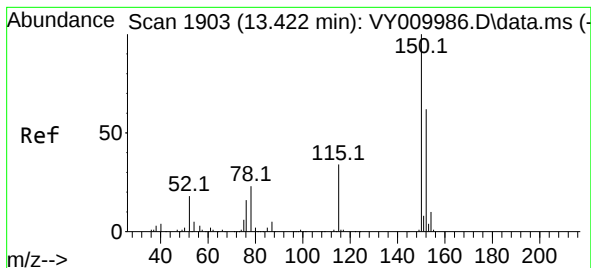
Tgt Ion: 95 Resp: 48623
Ion Ratio Lower Upper
95 100
174 82.7 0.0 173.8
176 78.0 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010021.D
Acq: 15 Aug 2022 00:31

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

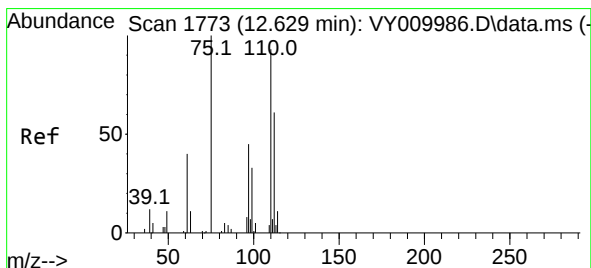
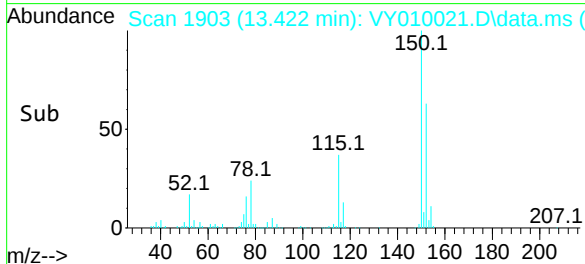
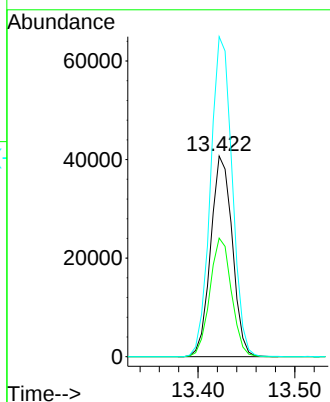
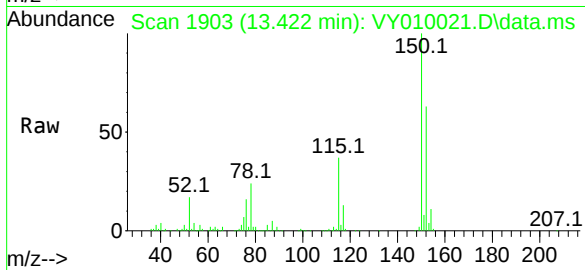




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010021.D
 Acq: 15 Aug 2022 00:31

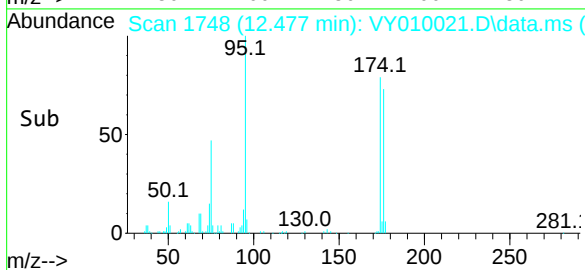
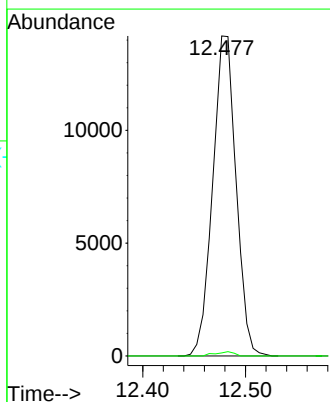
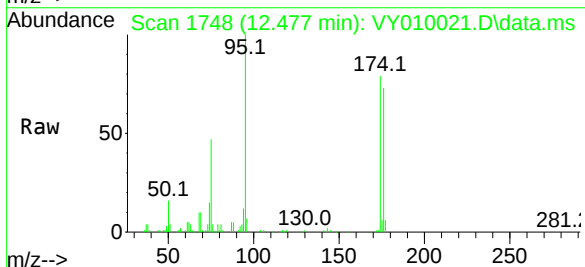
Instrument : MSVOA_Y
 ClientSampleId : BEACONPOINT-BACKFILL-06

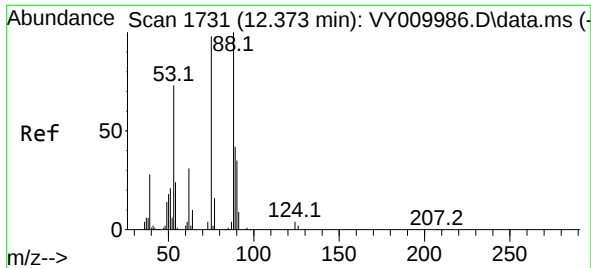
Tgt Ion:152 Resp: 63152
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.6 85.9
 150 160.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.705 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010021.D
 Acq: 15 Aug 2022 00:31

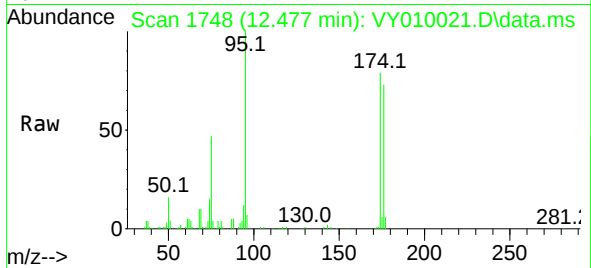
Tgt Ion: 75 Resp: 22408
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.747 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010021.D
 Acq: 15 Aug 2022 00:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-06



Tgt Ion: 75 Resp: 22408
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

