

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010025.D
 Acq On : 15 Aug 2022 02:05
 Operator : KP/MD
 Sample : N4046-19
 Misc : 7.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-10

Quant Time: Aug 15 06:24:35 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)

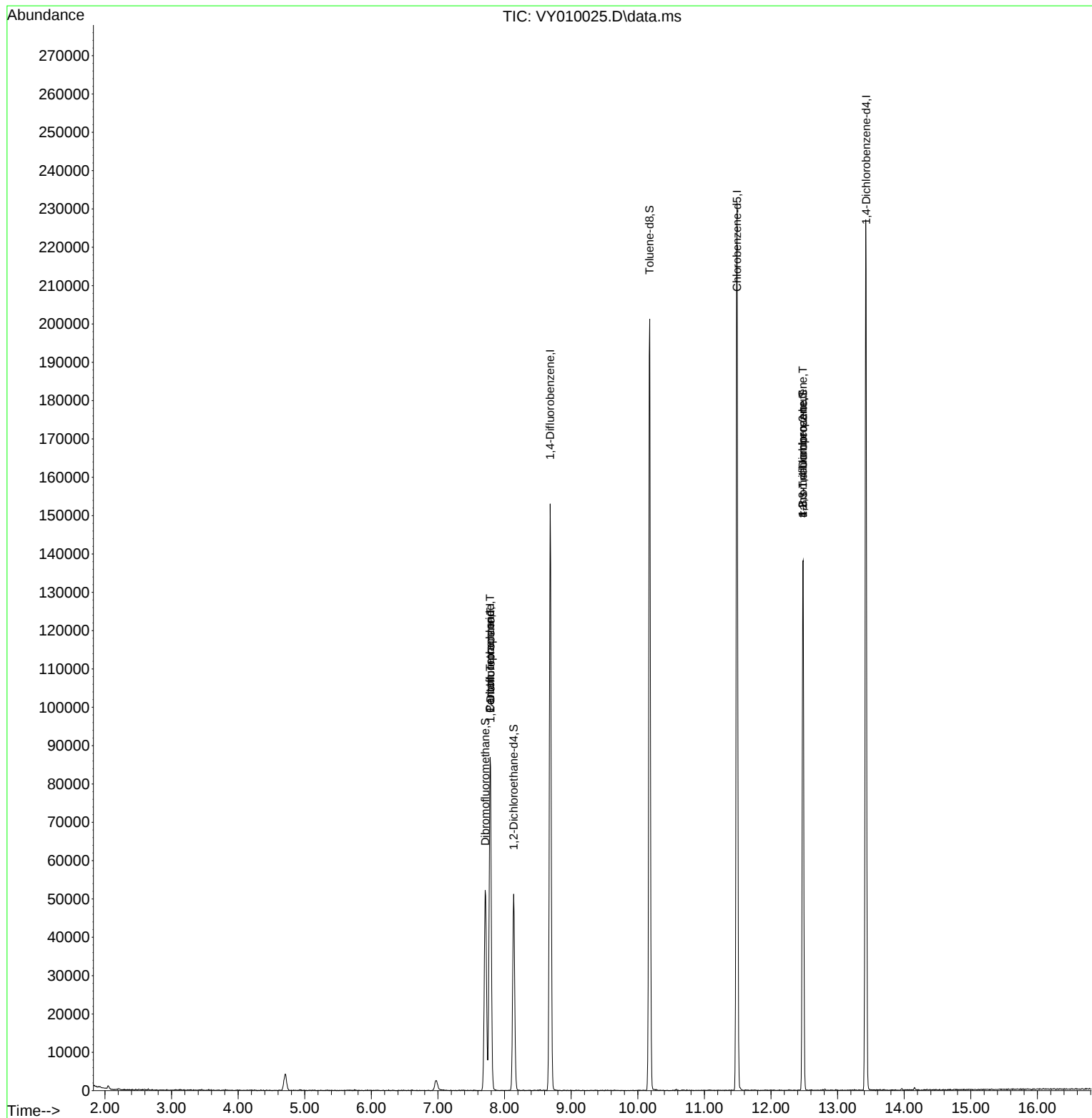
Internal Standards						
1) Pentafluorobenzene	7.783	168	68598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	134396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	38521	55.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.720%
35) Dibromofluoromethane	7.710	113	37879	45.613	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.220%
50) Toluene-d8	10.179	98	137062	43.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.160%
62) 4-Bromofluorobenzene	12.477	95	46442	39.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	155	Below Cal	#	78
18) Methyl Acetate	4.473	43	19	Below Cal	#	52
20) Methylene Chloride	4.704	84	3679	Below Cal	#	82
36) 1,1-Dichloropropene	7.789	75	5236	4.234	ug/l #	47
38) Carbon Tetrachloride	7.783	117	6845	5.547	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	21984	31.063	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21984	67.526	ug/l #	13

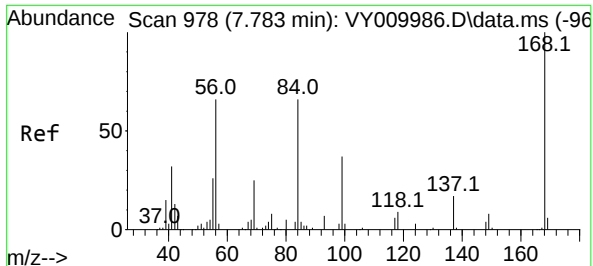
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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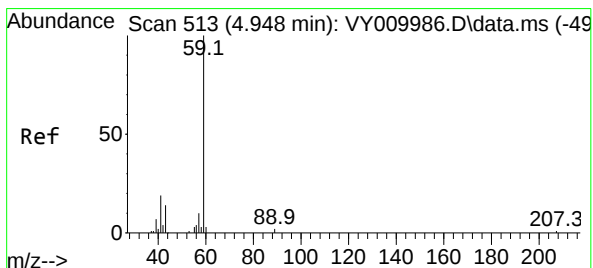
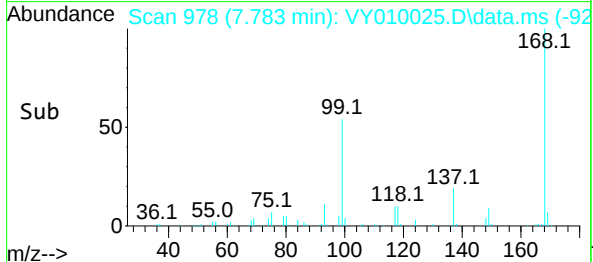
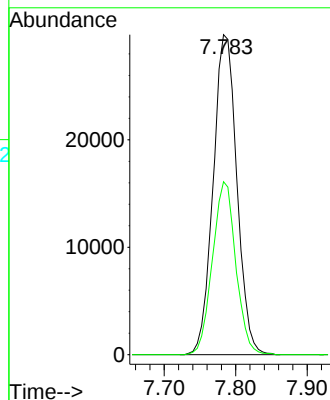
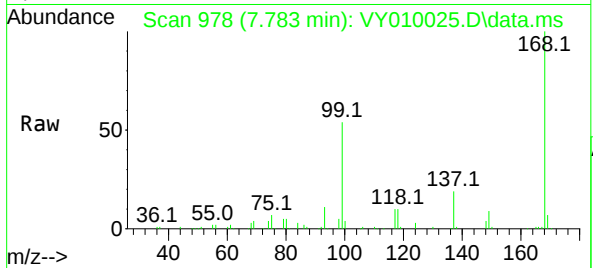




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

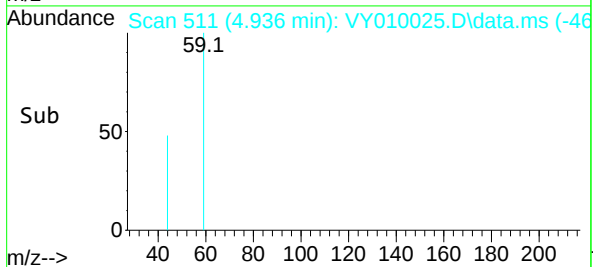
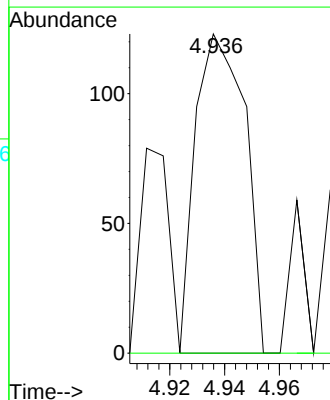
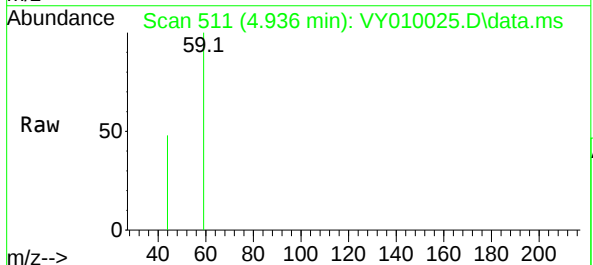
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-10

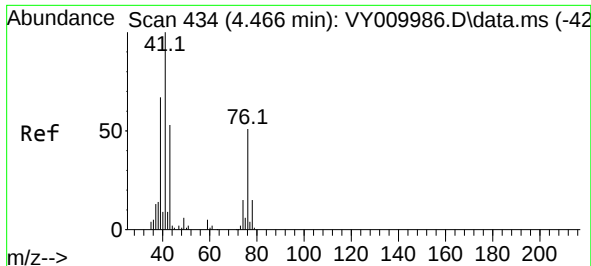
Tgt Ion:168 Resp: 68598
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY010025.D

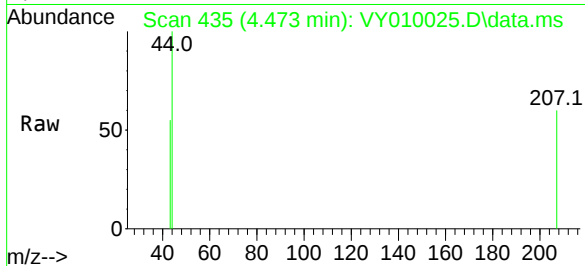
Acq: 15 Aug 2022 02:05

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-10

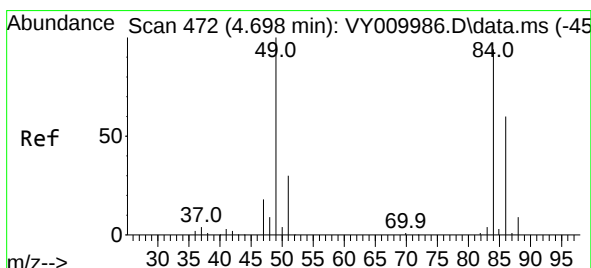
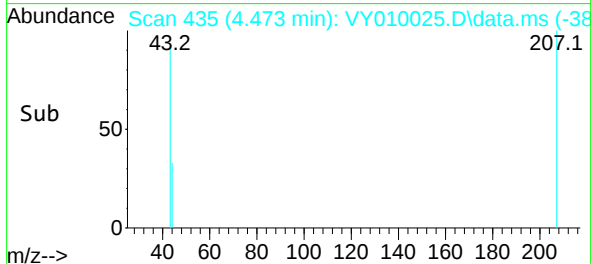
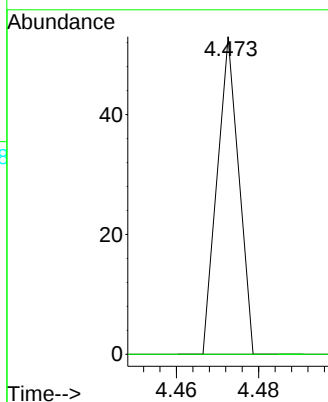


Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY010025.D

Acq: 15 Aug 2022 02:05

Tgt Ion: 84 Resp: 3679

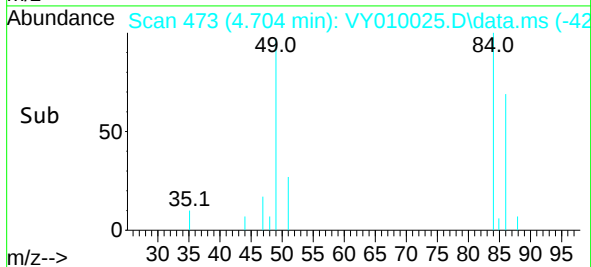
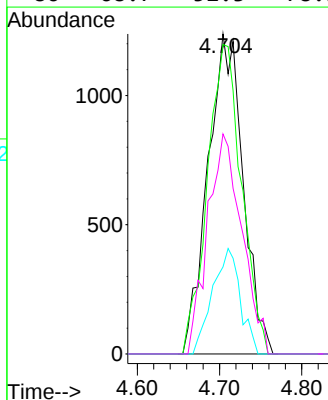
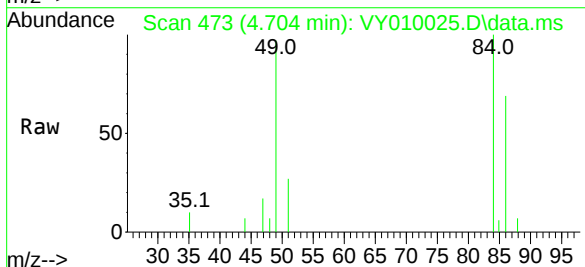
Ion Ratio Lower Upper

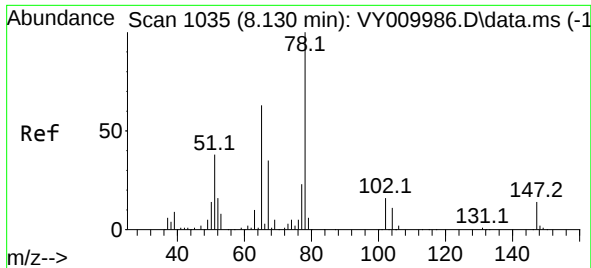
84 100

49 96.7 98.2 147.4#

51 27.2 33.4 50.0#

86 68.7 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 55.357 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010025.D

Acq: 15 Aug 2022 02:05

Instrument :

MSVOA_Y

ClientSampleId :

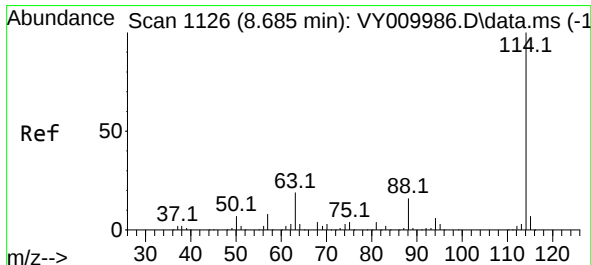
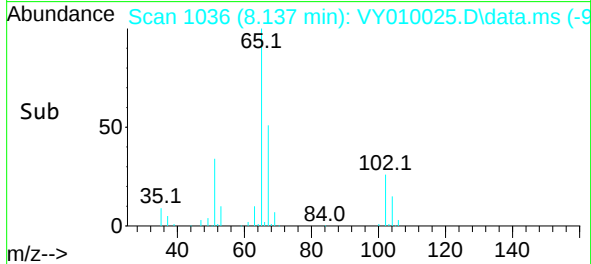
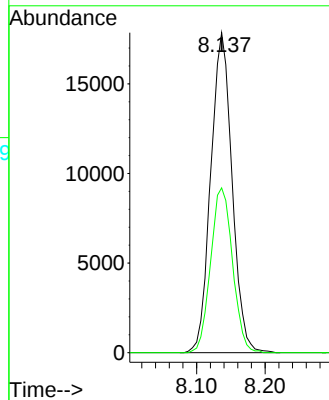
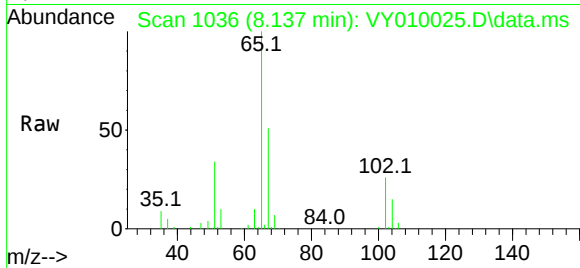
BEACONPOINT-BACKFILL-10

Tgt Ion: 65 Resp: 38521

Ion Ratio Lower Upper

65 100

67 52.9 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: VY010025.D

Acq: 15 Aug 2022 02:05

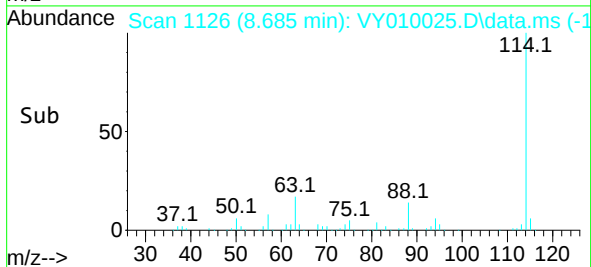
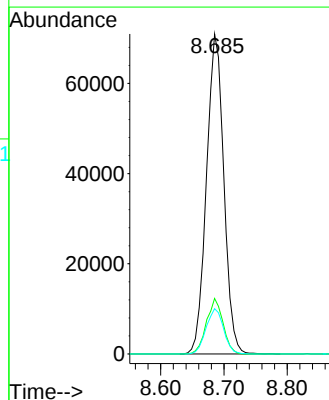
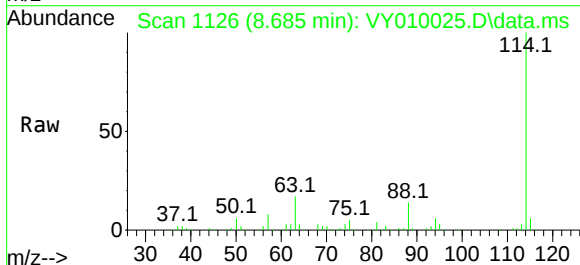
Tgt Ion: 114 Resp: 135683

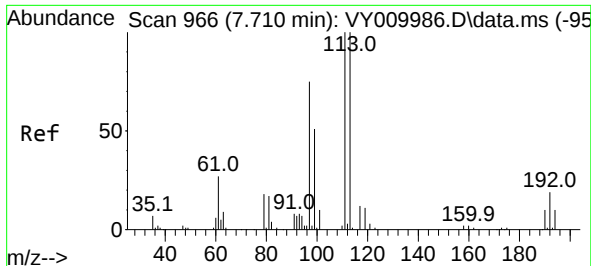
Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.0

88 14.1 0.0 30.0

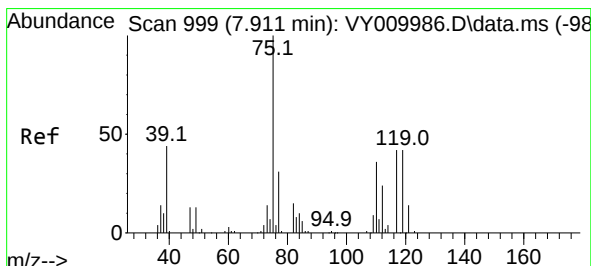
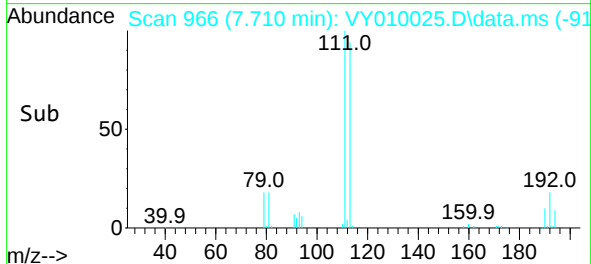
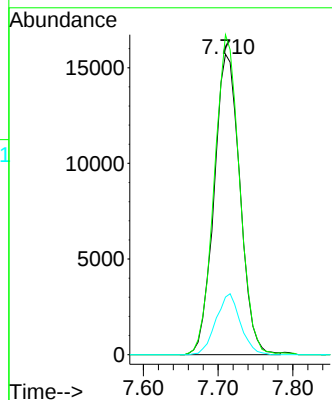
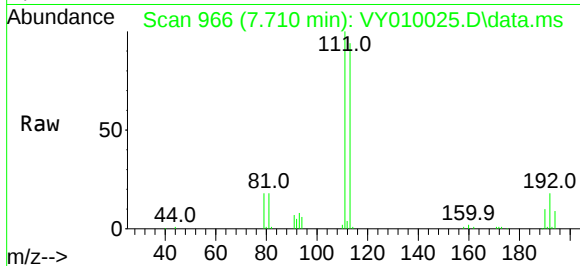




#35
Dibromofluoromethane
Concen: 45.613 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

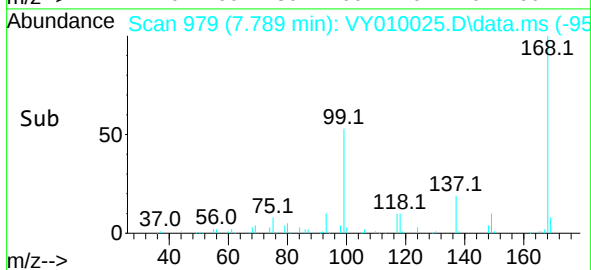
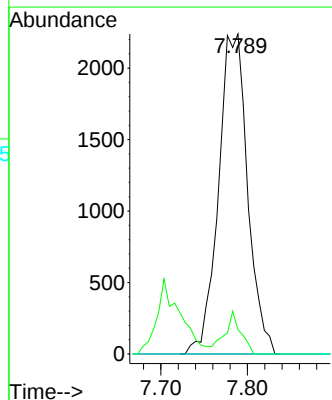
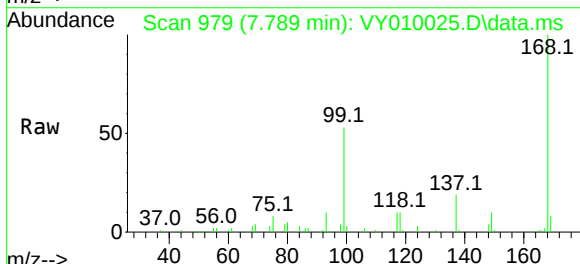
Instrument :
MSVOA_Y
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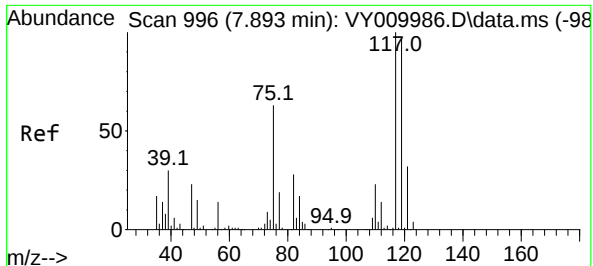
Tgt Ion:113 Resp: 37879
Ion Ratio Lower Upper
113 100
111 103.5 80.6 120.8
192 19.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.234 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

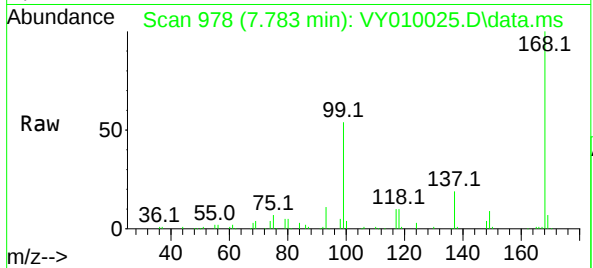
Tgt Ion: 75 Resp: 5236
Ion Ratio Lower Upper
75 100
110 7.2 18.6 56.0#
77 0.0 25.0 37.4#



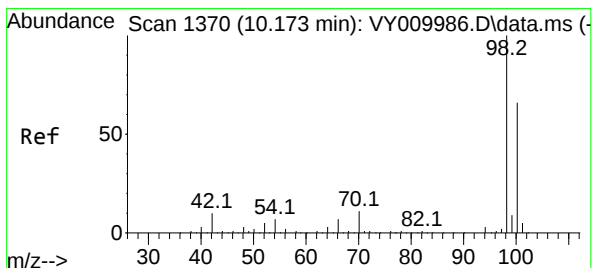
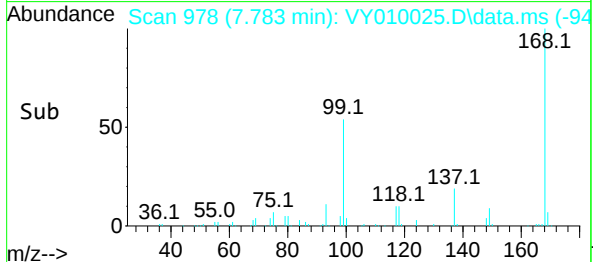
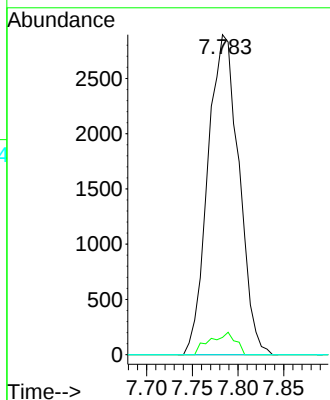


#38
Carbon Tetrachloride
Concen: 5.547 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-10

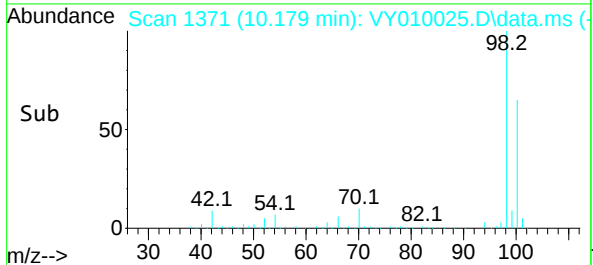
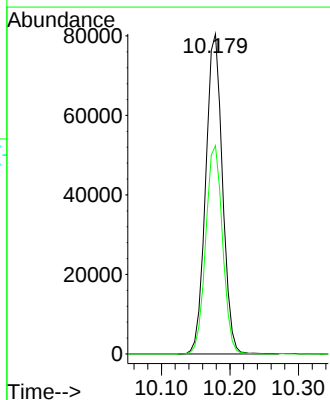
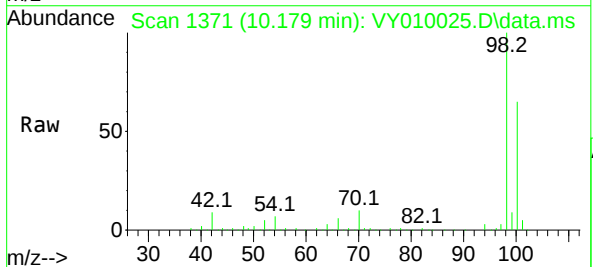


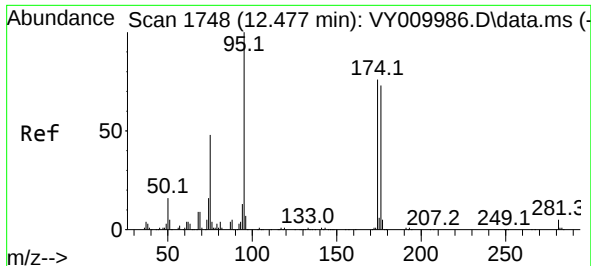
Tgt Ion:117 Resp: 6845
Ion Ratio Lower Upper
117 100
119 5.4 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 43.075 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

Tgt Ion: 98 Resp: 137062
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

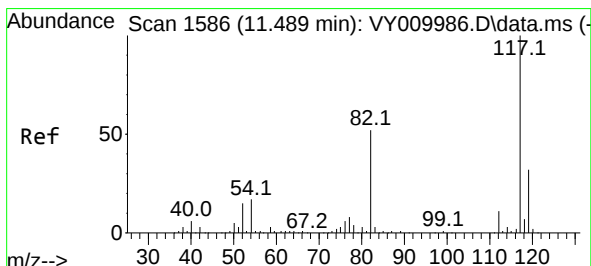
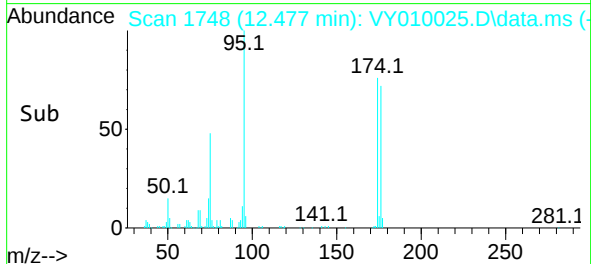
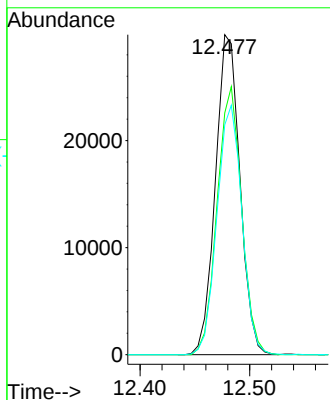
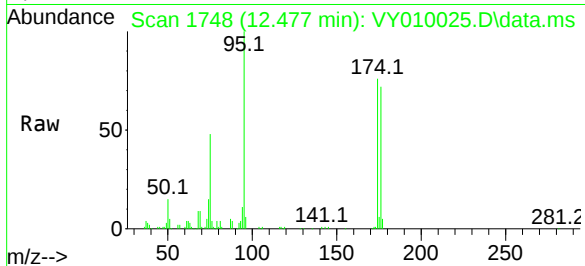




#62
4-Bromofluorobenzene
Concen: 39.837 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

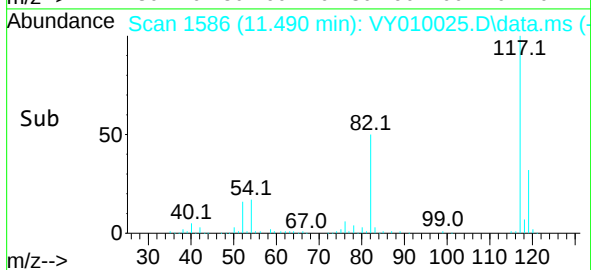
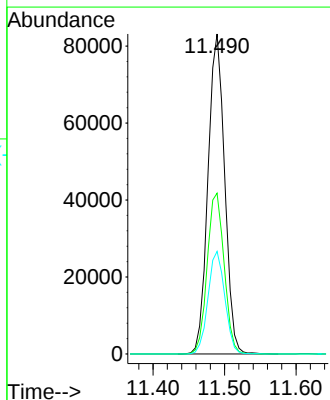
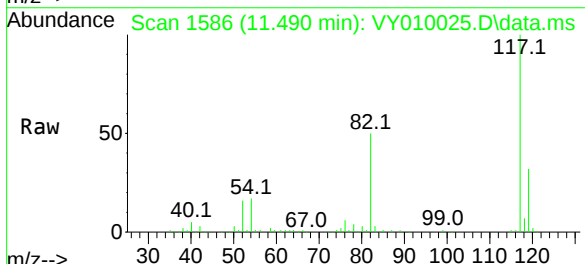
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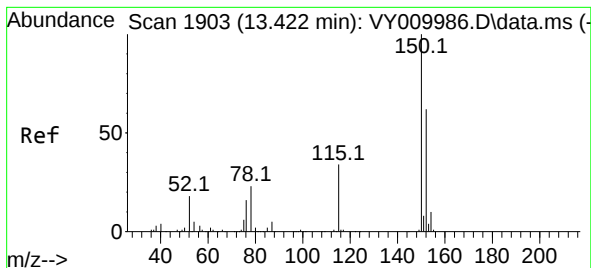
Tgt Ion: 95 Resp: 46442
Ion Ratio Lower Upper
95 100
174 83.7 0.0 173.8
176 79.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010025.D
Acq: 15 Aug 2022 02:05

Tgt Ion: 117 Resp: 134396
Ion Ratio Lower Upper
117 100
82 50.2 41.8 62.6
119 32.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY010025.D

Acq: 15 Aug 2022 02:05

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-10

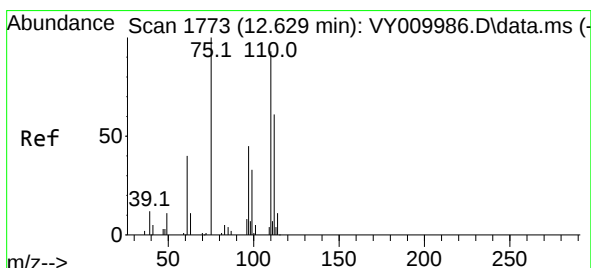
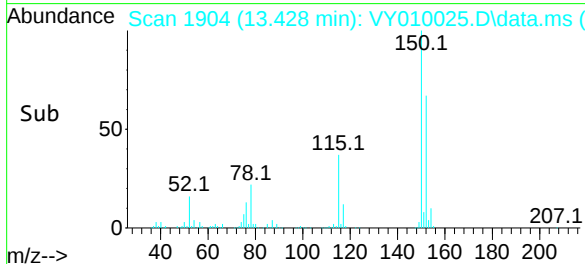
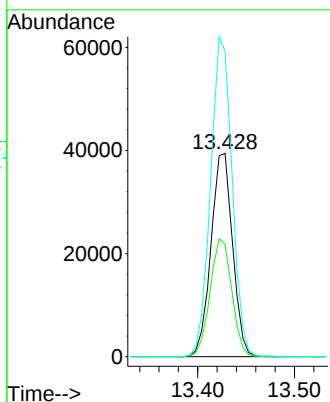
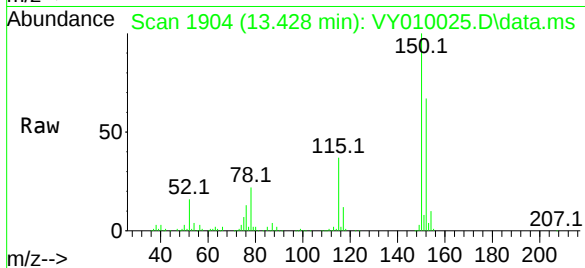
Tgt Ion:152 Resp: 61243

Ion Ratio Lower Upper

152 100

115 58.2 28.6 85.9

150 156.7 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 31.063 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010025.D

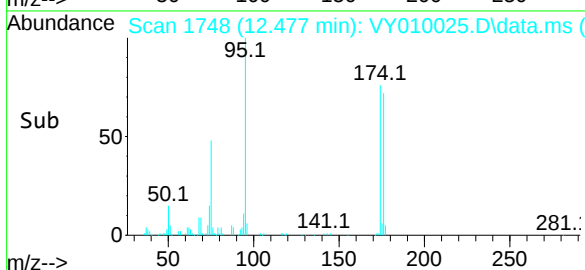
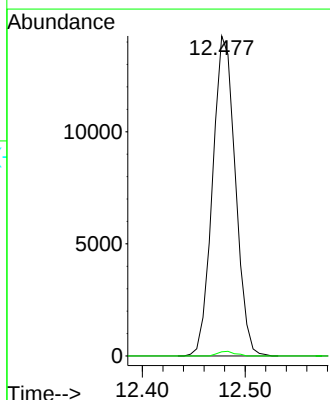
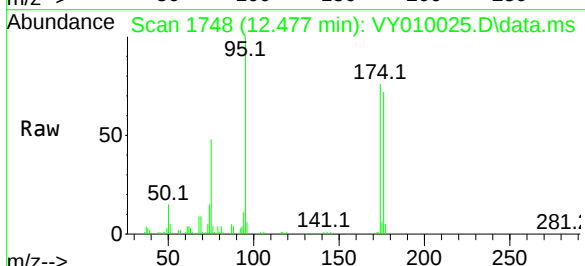
Acq: 15 Aug 2022 02:05

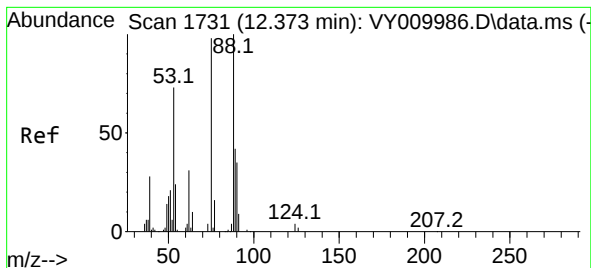
Tgt Ion: 75 Resp: 21984

Ion Ratio Lower Upper

75 100

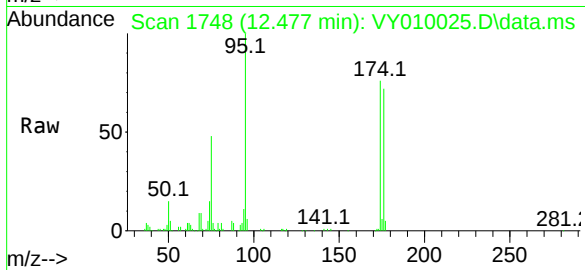
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.526 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010025.D
 Acq: 15 Aug 2022 02:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-10



Tgt Ion: 75 Resp: 21984
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

