

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010018.D
 Acq On : 14 Aug 2022 23:21
 Operator : KP/MD
 Sample : N4046-05
 Misc : 7.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-03

Quant Time: Aug 15 00:43:31 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)

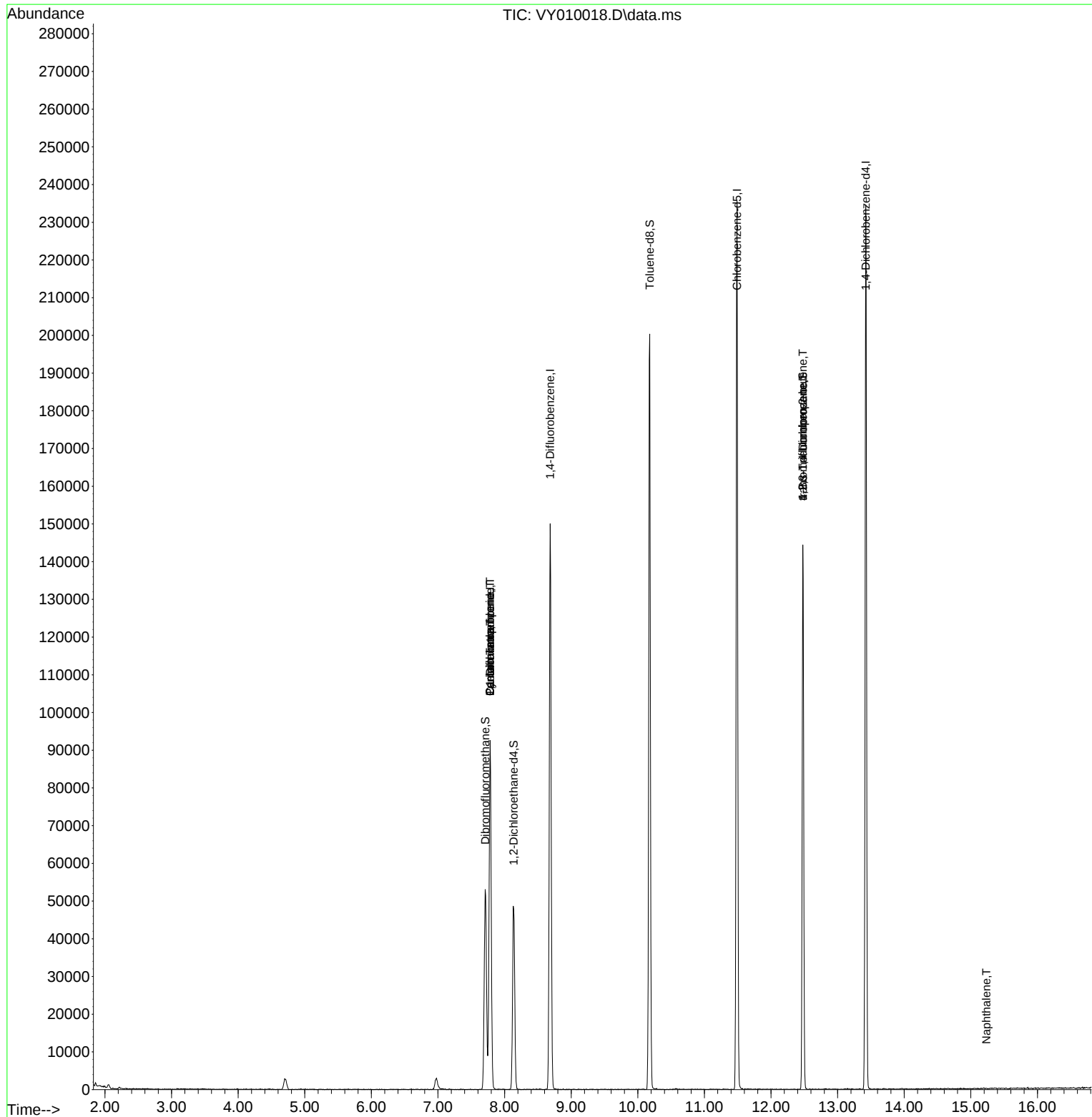
Internal Standards						
1) Pentafluorobenzene	7.782	168	70709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	136448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39168	54.607	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.709	113	38844	46.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.260%	
50) Toluene-d8	10.178	98	137802	43.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.340%	
62) 4-Bromofluorobenzene	12.477	95	47152	40.318	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	103	Below Cal	#	78
18) Methyl Acetate	4.472	43	75	Below Cal	#	52
20) Methylene Chloride	4.704	84	2474	Below Cal	#	77
31) Cyclohexane	7.782	56	1389	1.082	ug/l #	8
36) 1,1-Dichloropropene	7.782	75	4927	3.972	ug/l #	51
38) Carbon Tetrachloride	7.782	117	7073	5.713	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	22105	30.234	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22105	65.722	ug/l #	13
95) Naphthalene	15.232	128	29	3.081	ug/l #	69

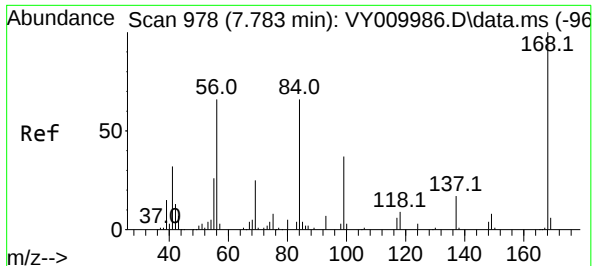
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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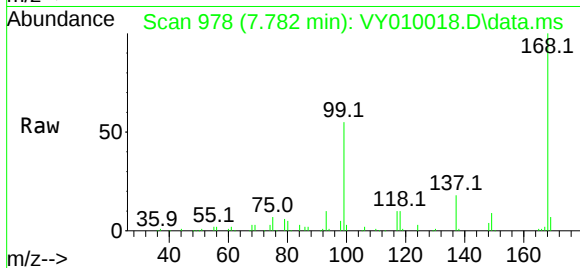
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
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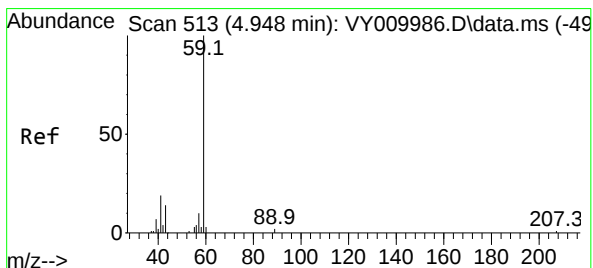
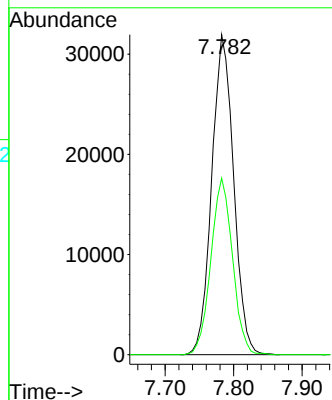
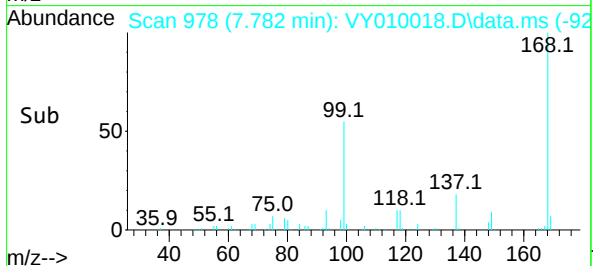


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Instrument :
MSVOA_Y
ClientSampleId :
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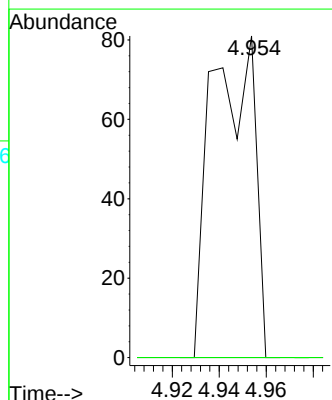
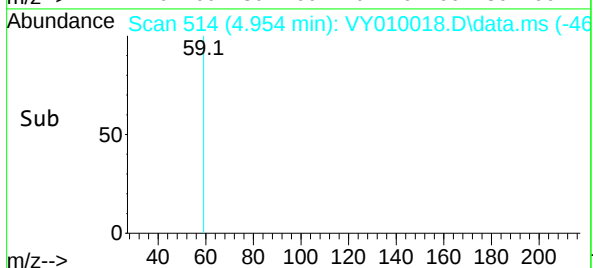
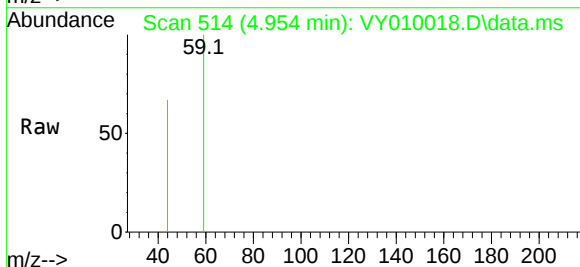


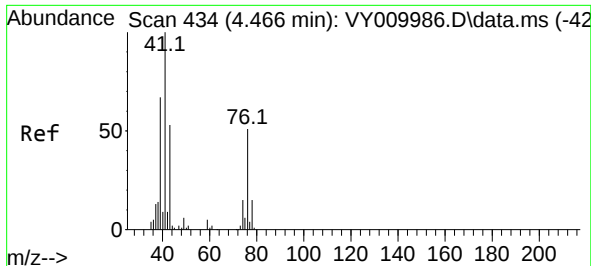
Tgt Ion:168 Resp: 70709
Ion Ratio Lower Upper
168 100
99 55.2 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

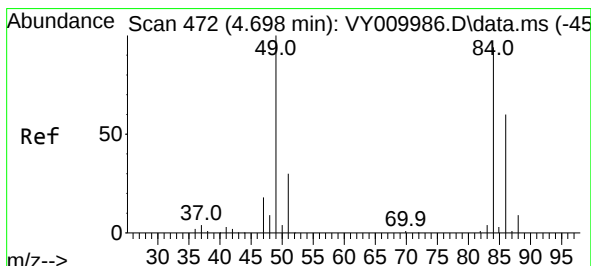
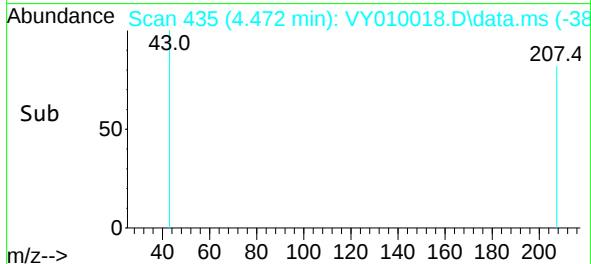
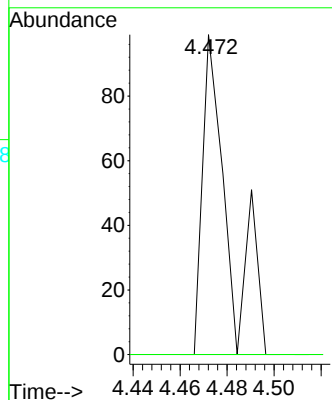
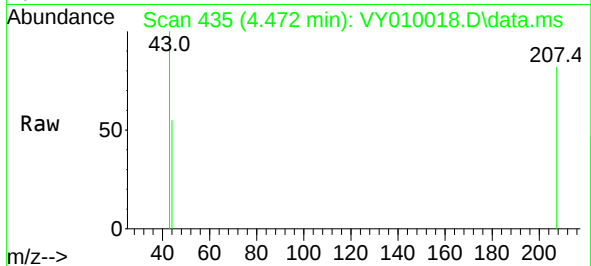




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

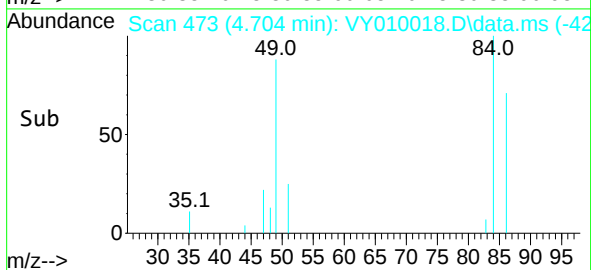
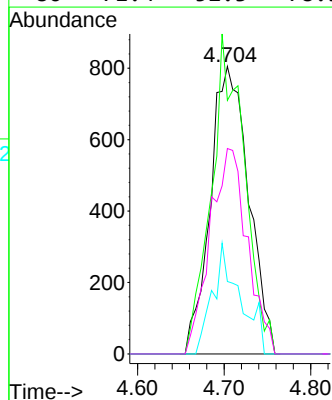
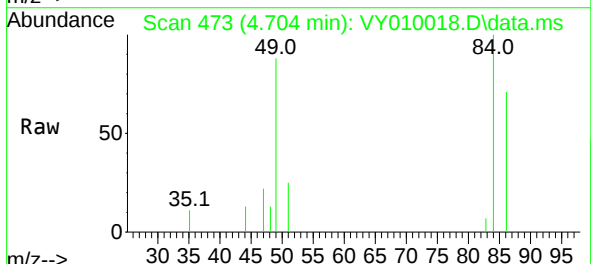
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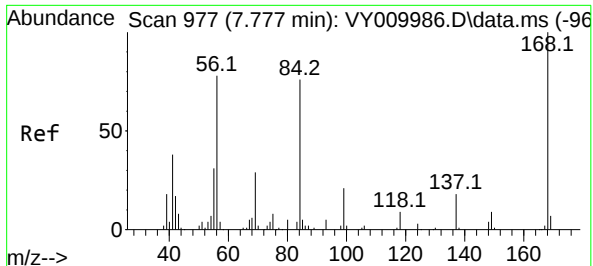
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Tgt Ion: 84 Resp: 2474
Ion Ratio Lower Upper
84 100
49 88.2 98.2 147.4#
51 25.2 33.4 50.0#
86 71.4 52.3 78.5

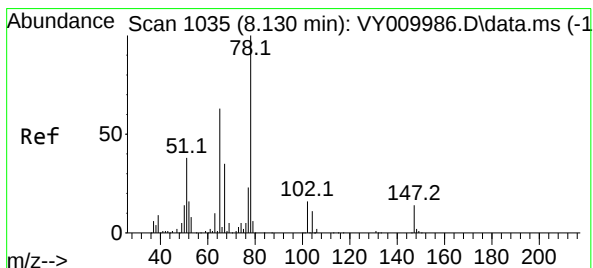
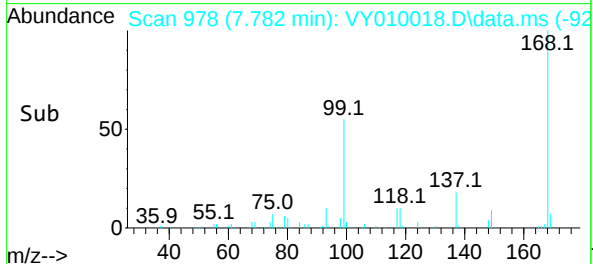
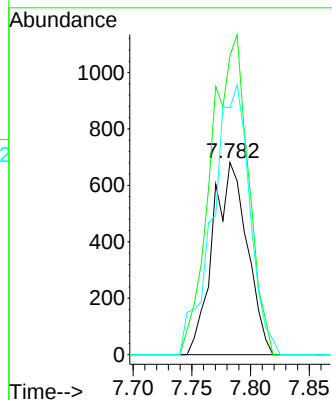
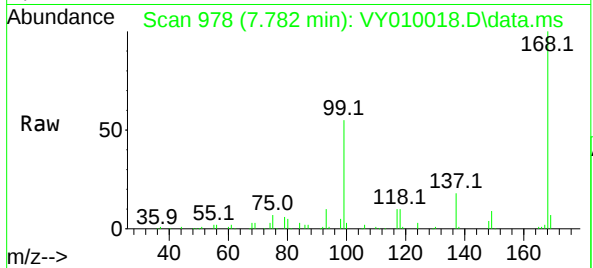




#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

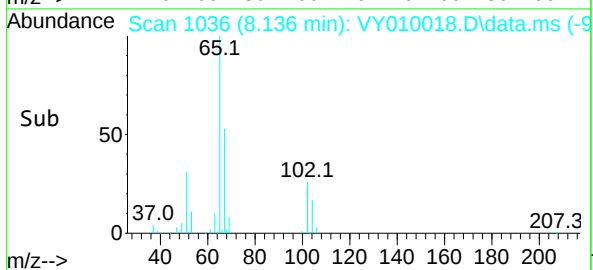
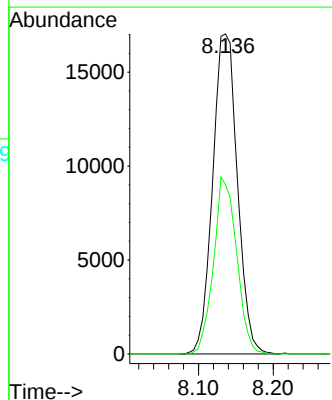
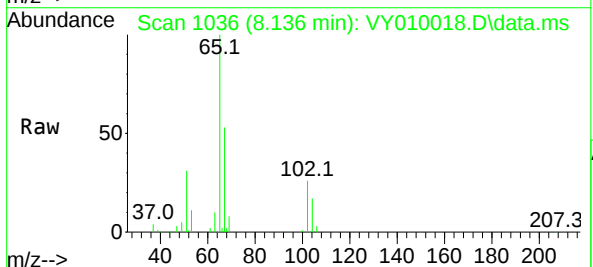
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-03

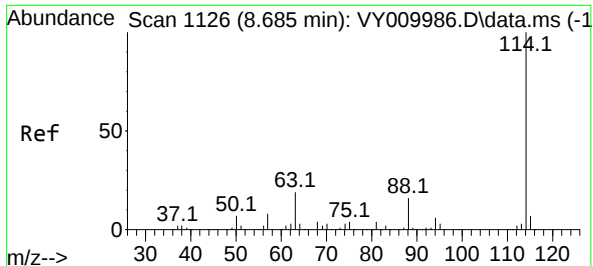
Tgt Ion: 56 Resp: 1389
Ion Ratio Lower Upper
56 100
69 155.5 26.0 39.0#
84 128.5 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 54.607 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Tgt Ion: 65 Resp: 39168
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.4

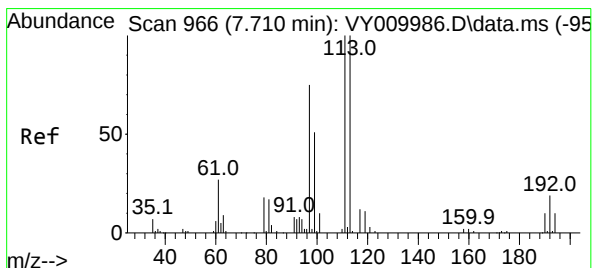
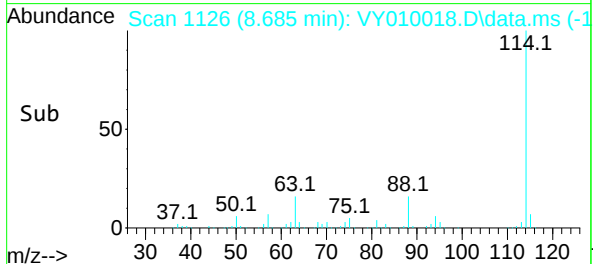
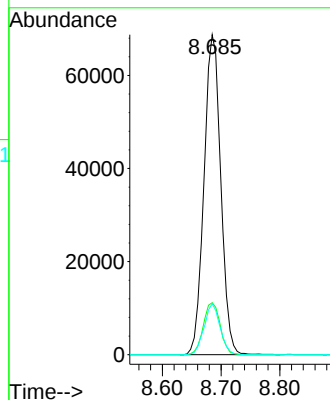
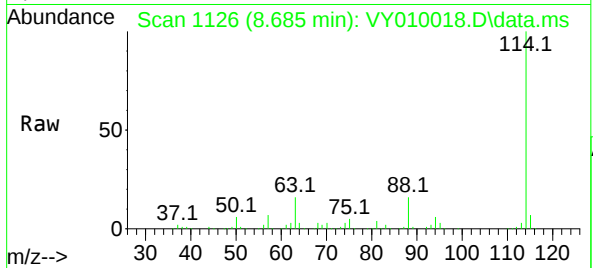




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

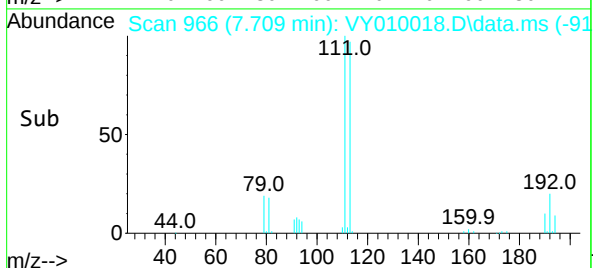
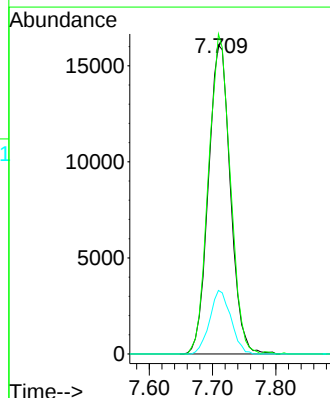
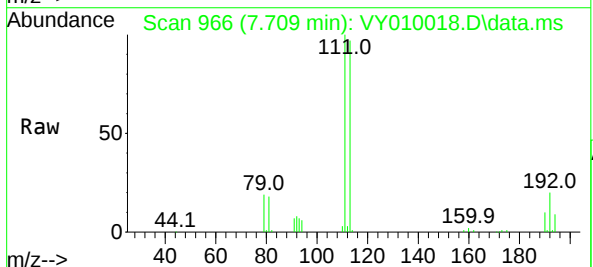
Instrument :
MSVOA_Y
ClientSampleId :
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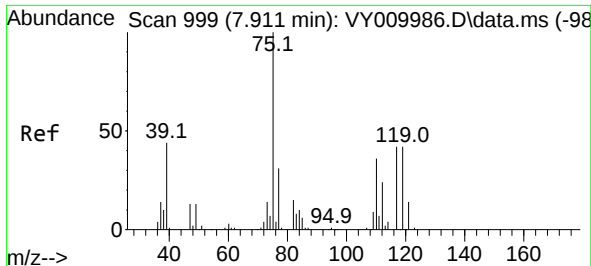
Tgt Ion:114 Resp: 136113
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.0
88 15.9 0.0 30.0



#35
Dibromofluoromethane
Concen: 46.628 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Tgt Ion:113 Resp: 38844
Ion Ratio Lower Upper
113 100
111 102.1 80.6 120.8
192 19.8 16.2 24.4





#36

1,1-Dichloropropene

Concen: 3.972 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010018.D

Acq: 14 Aug 2022 23:21

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-03

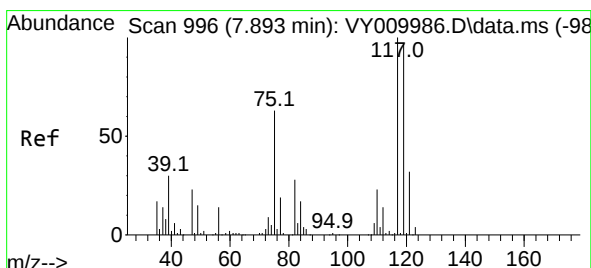
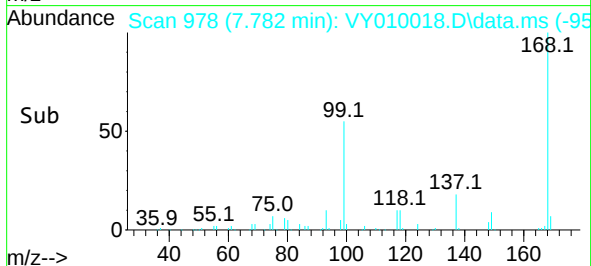
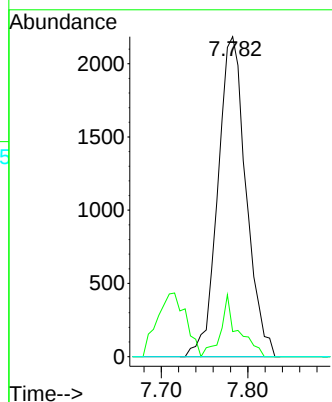
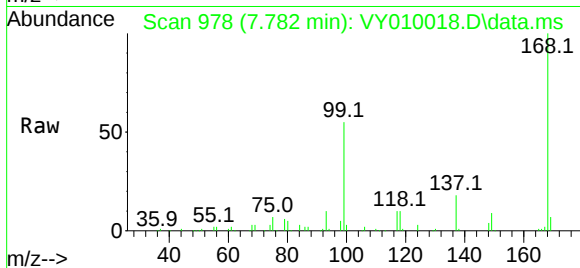
Tgt Ion: 75 Resp: 4927

Ion Ratio Lower Upper

75 100

110 11.8 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.713 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY010018.D

Acq: 14 Aug 2022 23:21

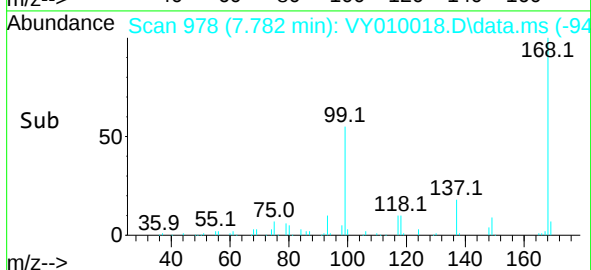
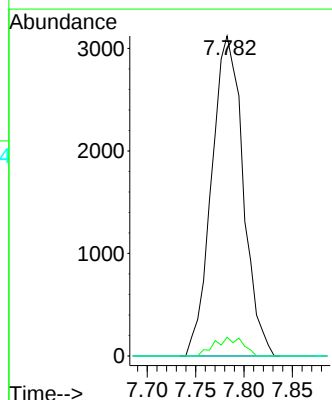
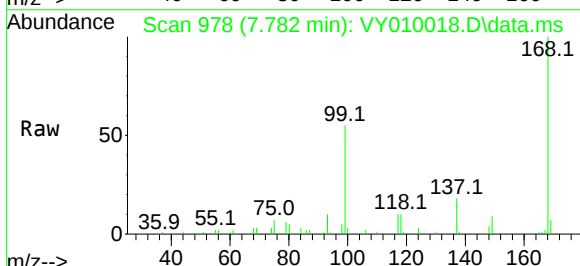
Tgt Ion: 117 Resp: 7073

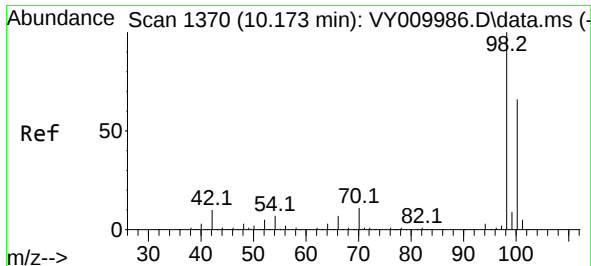
Ion Ratio Lower Upper

117 100

119 5.9 75.9 113.9#

121 0.0 24.9 37.3#

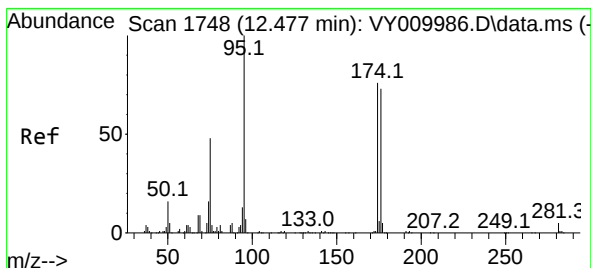
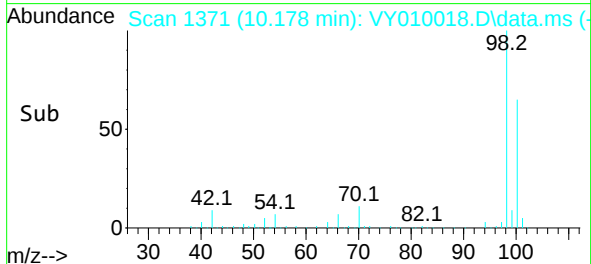
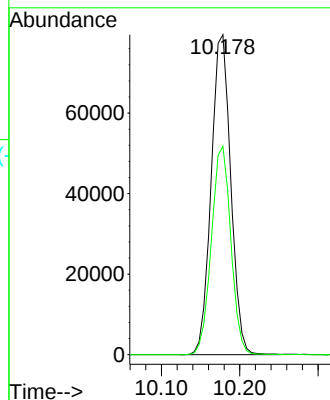
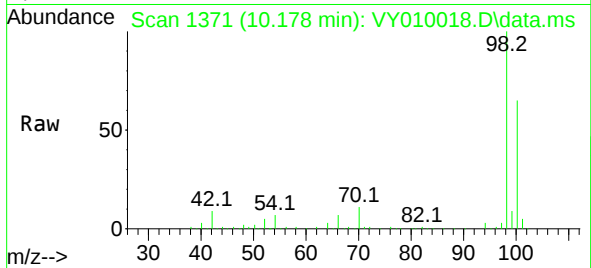




#50
Toluene-d8
Concen: 43.171 ug/l
RT: 10.178 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

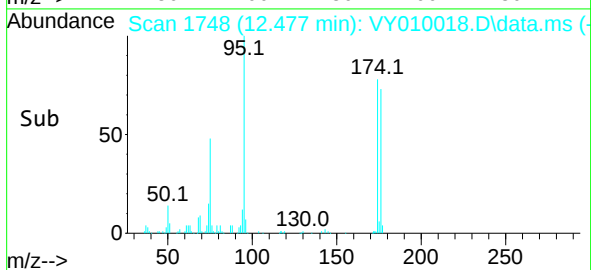
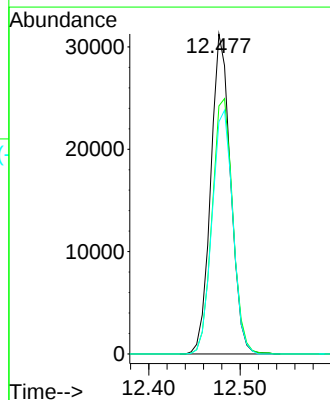
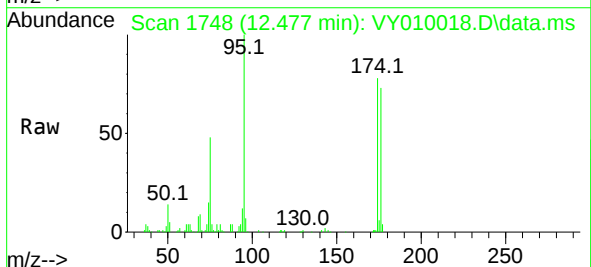
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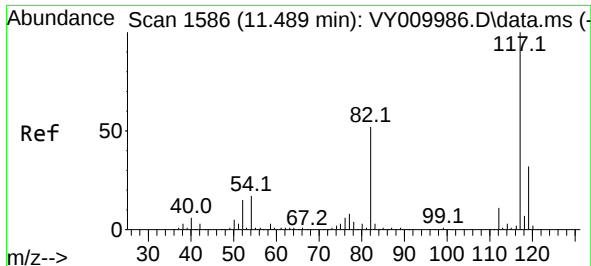
Tgt Ion: 98 Resp: 137802
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 40.318 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Tgt Ion: 95 Resp: 47152
Ion Ratio Lower Upper
95 100
174 83.3 0.0 173.8
176 79.5 0.0 167.0

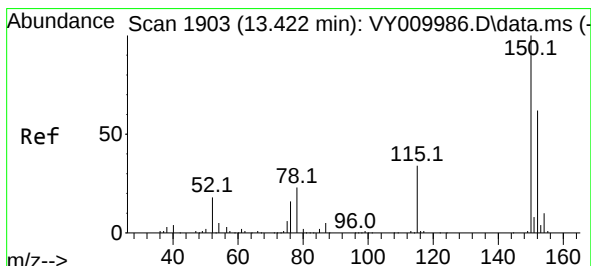
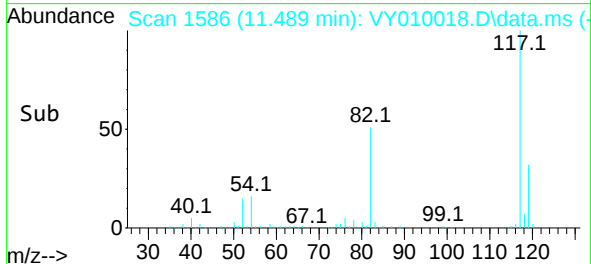
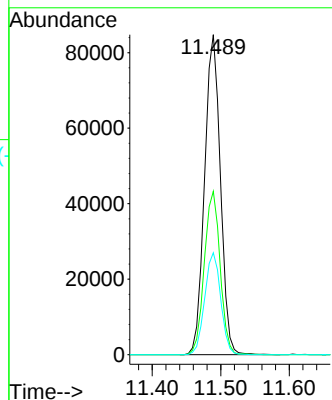
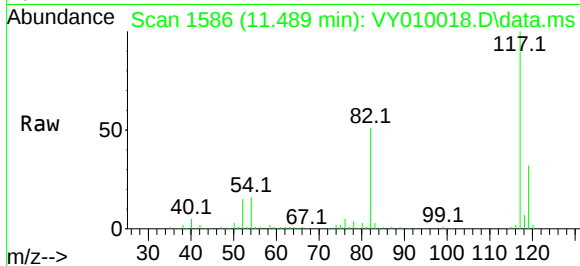




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

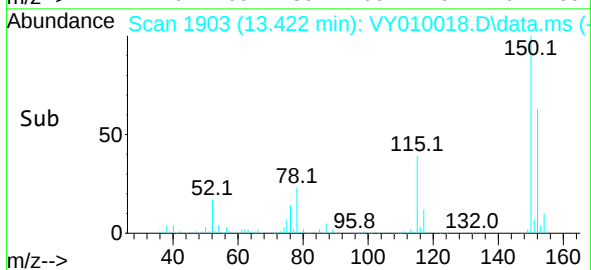
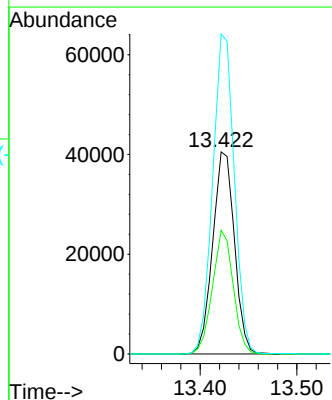
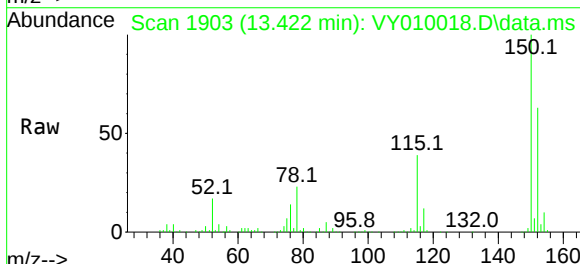
Instrument :
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ClientSampleId :
BEACONPOINT-BACKFILL-03

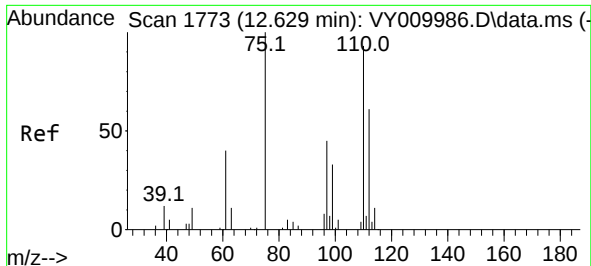
Tgt Ion:117 Resp: 136448
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.6
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Tgt Ion:152 Resp: 63270
Ion Ratio Lower Upper
152 100
115 58.4 28.6 85.9
150 156.9 0.0 349.8

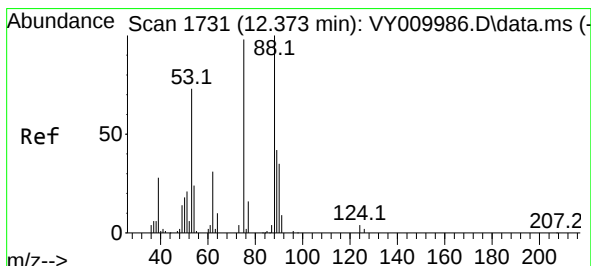
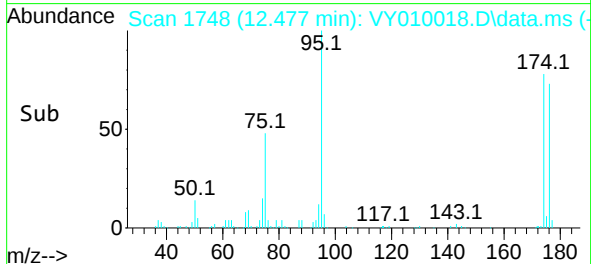
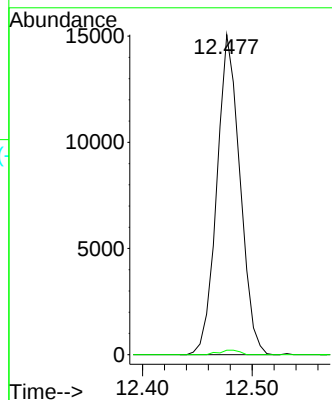
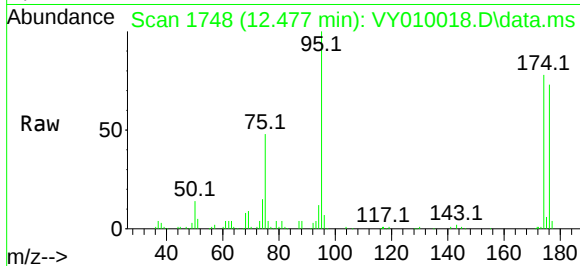




#76
1,2,3-Trichloropropane
Concen: 30.234 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

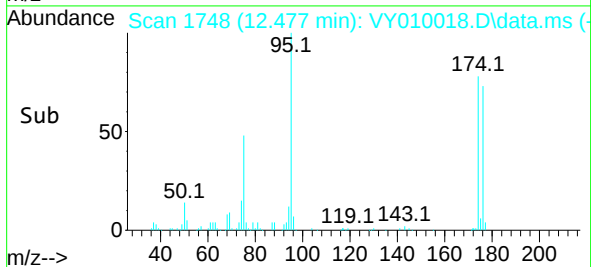
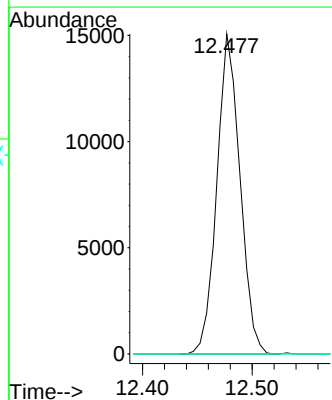
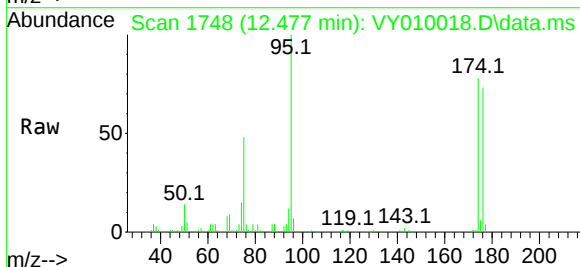
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-03

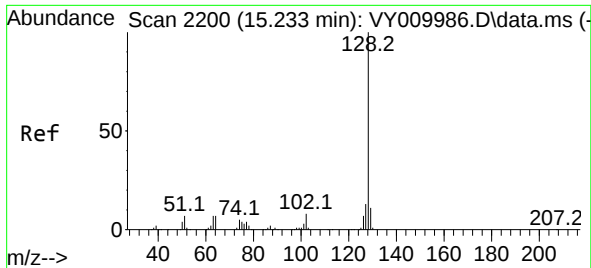
Tgt Ion: 75 Resp: 22105
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.722 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010018.D
Acq: 14 Aug 2022 23:21

Tgt Ion: 75 Resp: 22105
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#





#95

Naphthalene

Concen: 3.081 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY010018.D

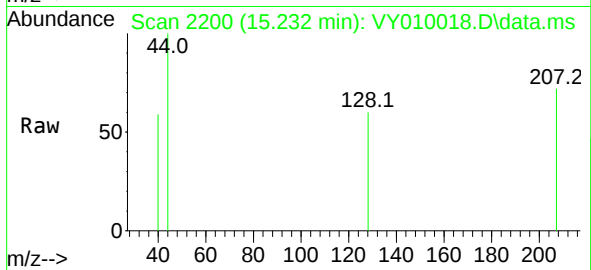
Acq: 14 Aug 2022 23:21

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-03



Tgt Ion:128 Resp: 29

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.8 13.2#

