

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010022.D
 Acq On : 15 Aug 2022 00:54
 Operator : KP/MD
 Sample : N4046-13
 Misc : 7.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-07

Quant Time: Aug 15 06:24:07 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

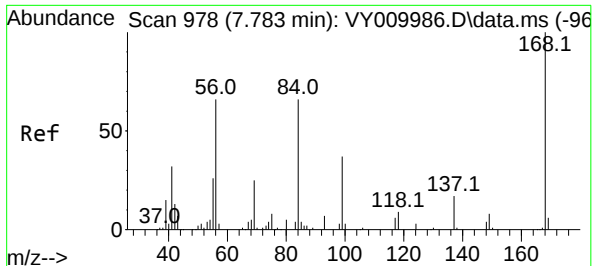
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	73553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40432	54.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.380%	
35) Dibromofluoromethane	7.710	113	40384	46.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.080%	
50) Toluene-d8	10.179	98	145138	43.652	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.300%	
62) 4-Bromofluorobenzene	12.477	95	49156	40.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	217	Below Cal	#	78
18) Methyl Acetate	4.454	43	21	Below Cal	#	52
20) Methylene Chloride	4.704	84	2634	Below Cal	#	78
31) Cyclohexane	7.789	56	1396	1.045	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5317	4.115	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6907	5.356	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	22837	30.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22837	65.899	ug/l #	13

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

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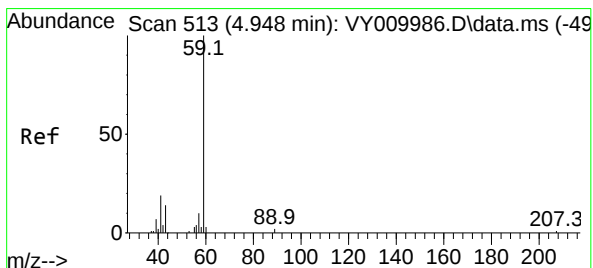
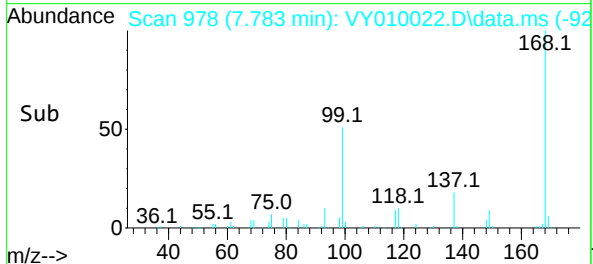
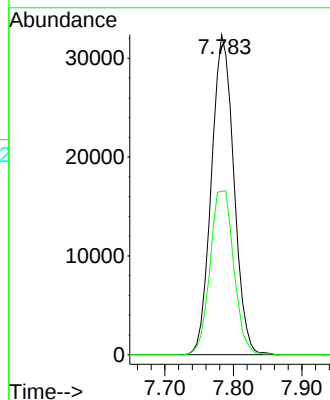
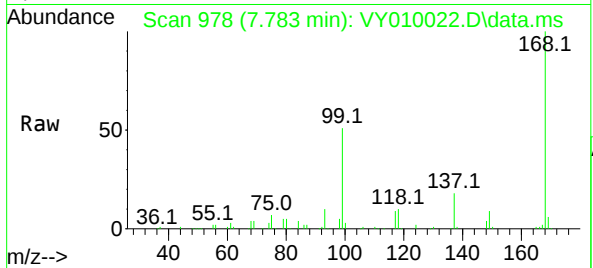




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

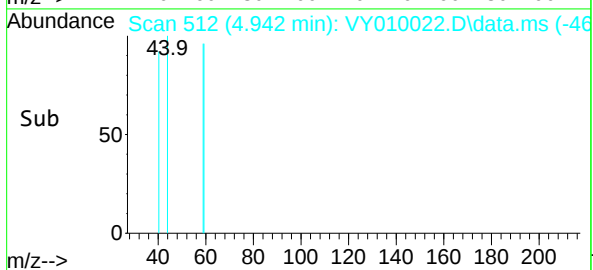
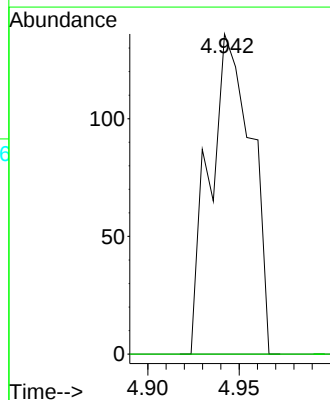
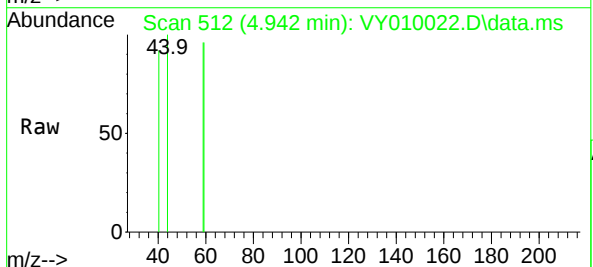
Instrument :
MSVOA_Y
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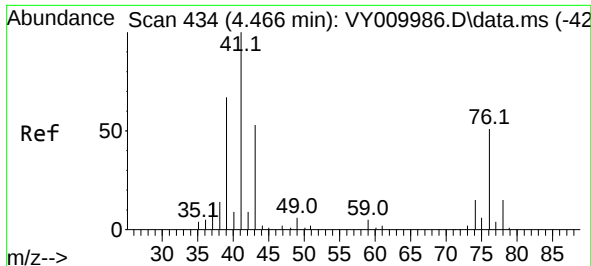
Tgt Ion:168 Resp: 73553
Ion Ratio Lower Upper
168 100
99 51.0 42.1 63.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

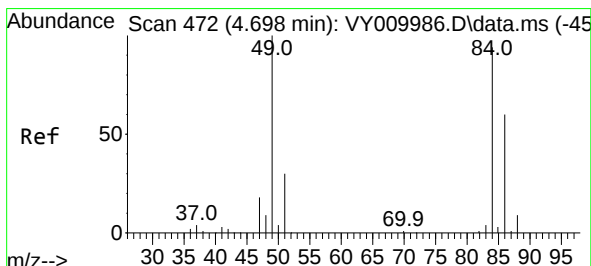
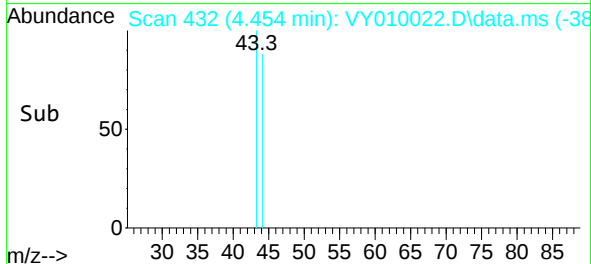
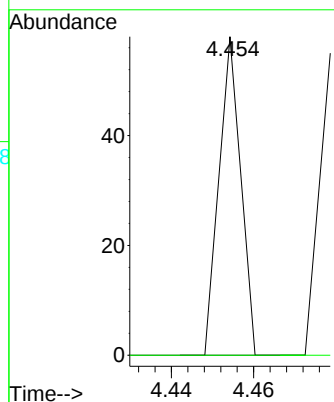
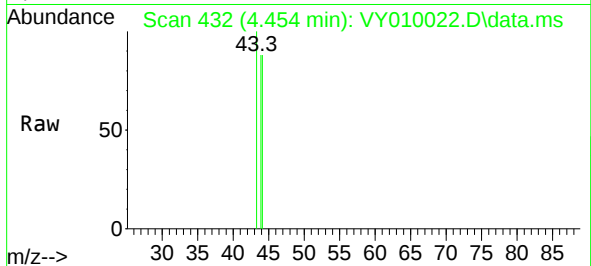




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

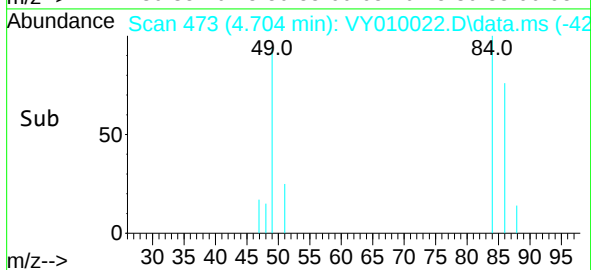
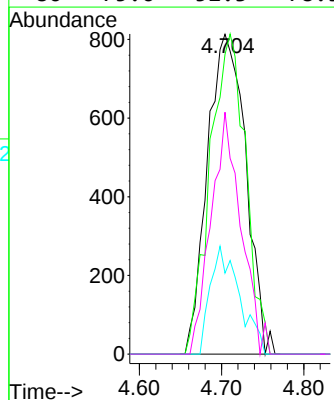
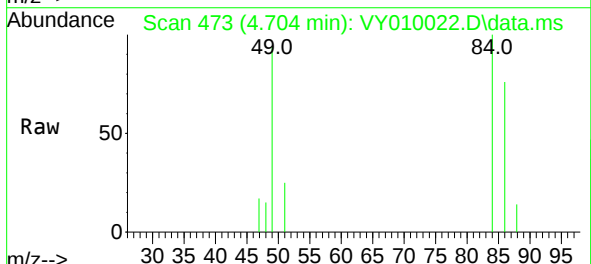
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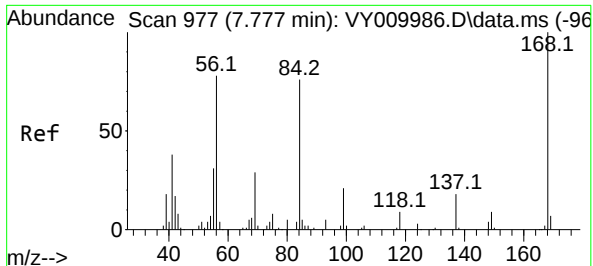
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion: 84 Resp: 2634
Ion Ratio Lower Upper
84 100
49 93.7 98.2 147.4#
51 25.3 33.4 50.0#
86 75.6 52.3 78.5

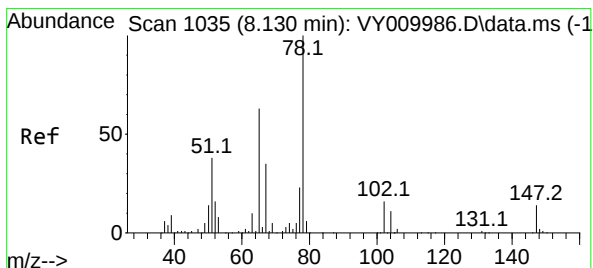
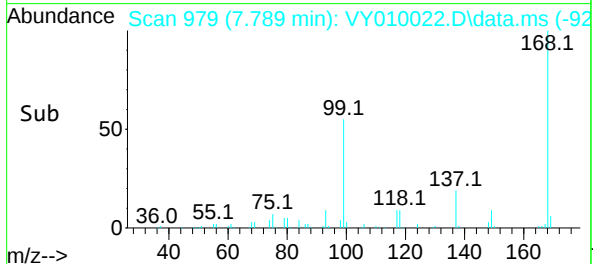
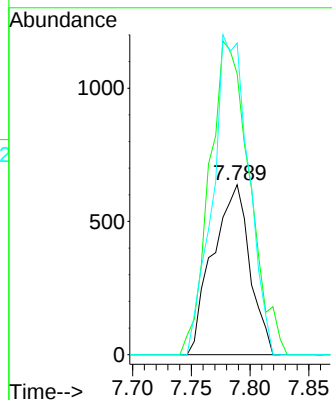
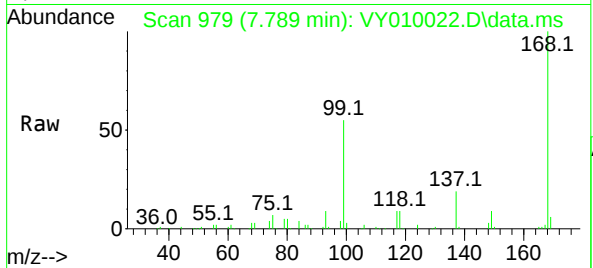




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

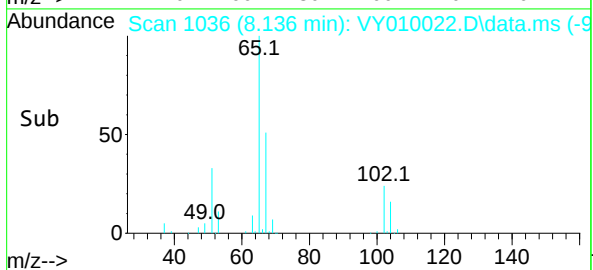
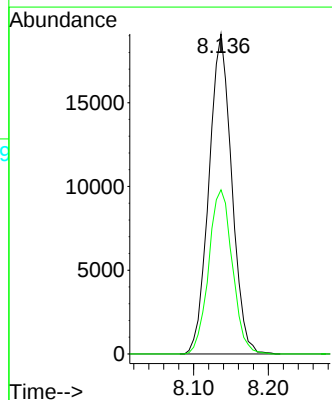
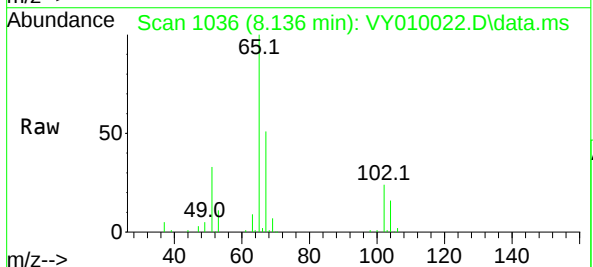
Instrument :
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ClientSampleId :
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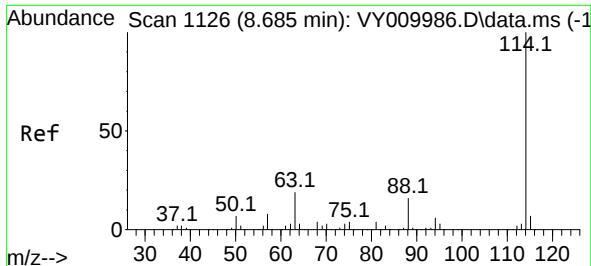
Tgt Ion: 56 Resp: 1396
Ion Ratio Lower Upper
56 100
69 165.2 26.0 39.0#
84 183.4 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 54.189 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion: 65 Resp: 40432
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4

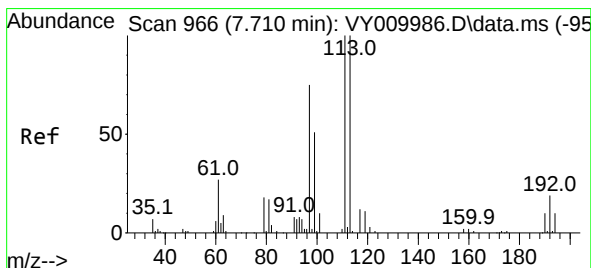
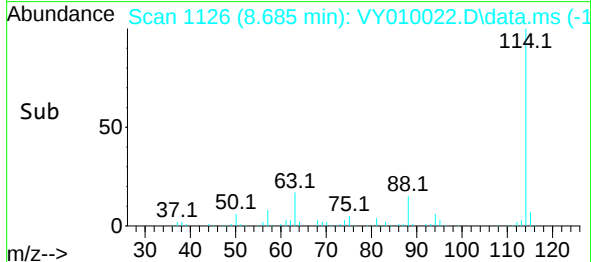
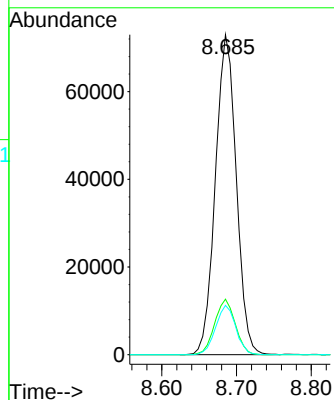
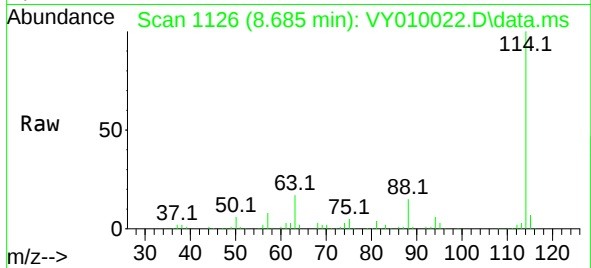




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

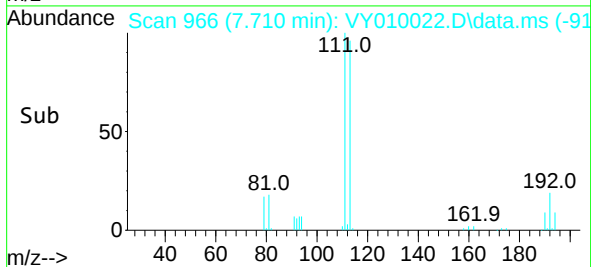
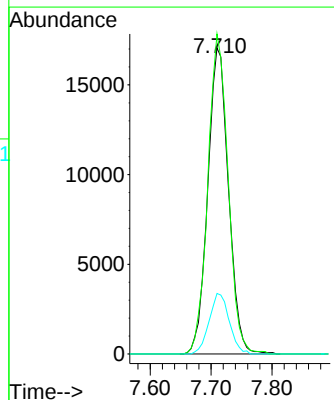
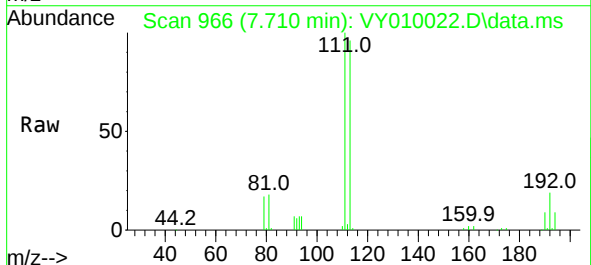
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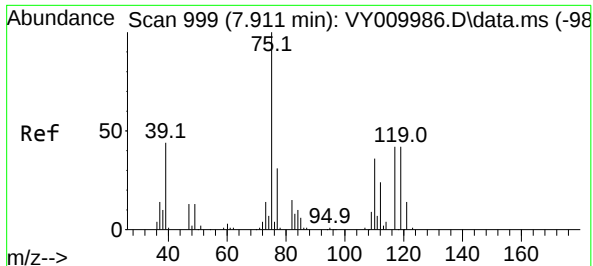
Tgt Ion:114 Resp: 141780
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.0
88 15.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 46.539 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion:113 Resp: 40384
Ion Ratio Lower Upper
113 100
111 102.0 80.6 120.8
192 19.1 16.2 24.4

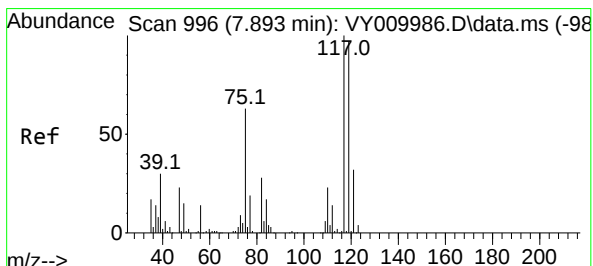
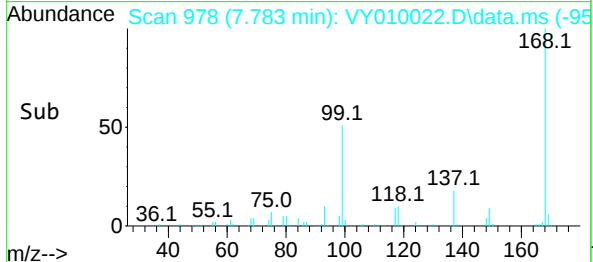
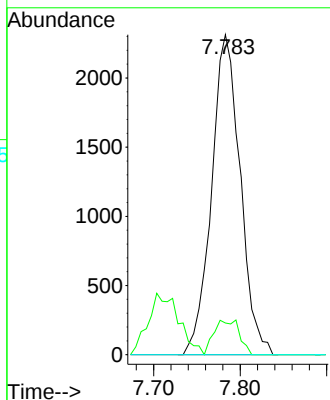
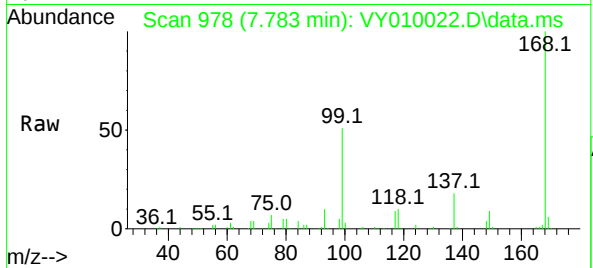




#36
1,1-Dichloropropene
Concen: 4.115 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

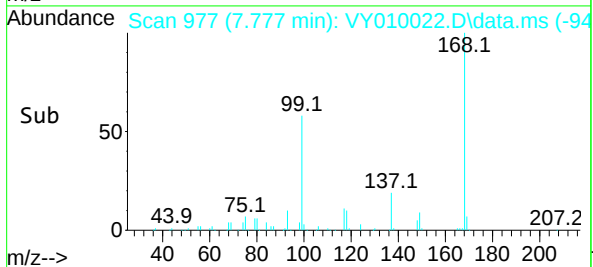
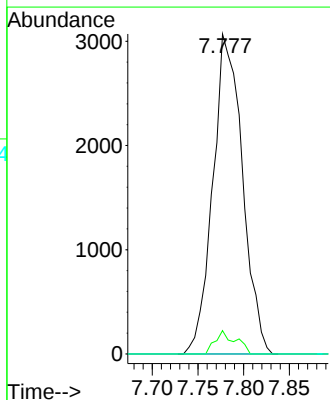
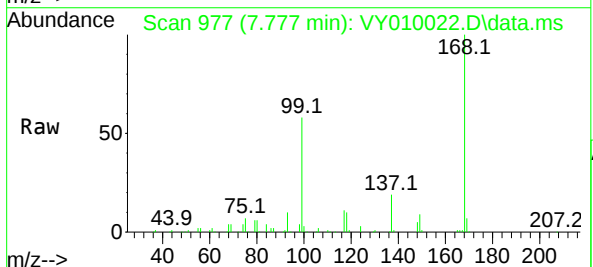
Instrument :
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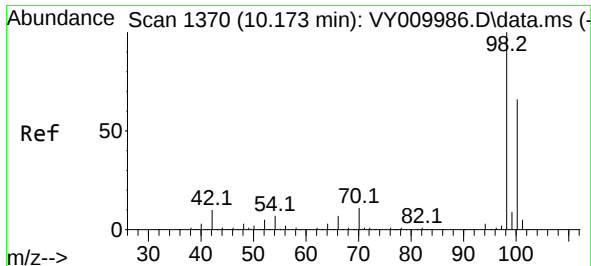
Tgt Ion: 75 Resp: 5317
Ion Ratio Lower Upper
75 100
110 9.6 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.356 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion: 117 Resp: 6907
Ion Ratio Lower Upper
117 100
119 7.3 75.9 113.9#
121 0.0 24.9 37.3#

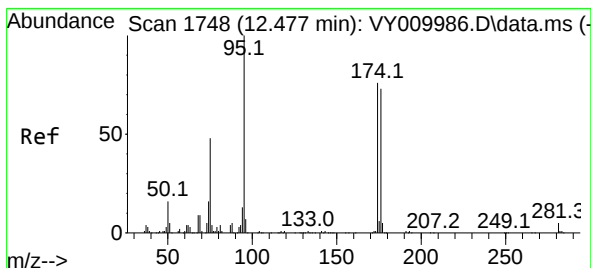
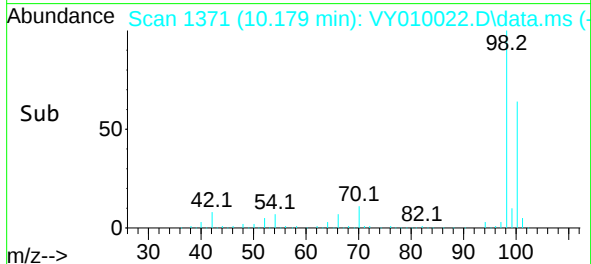
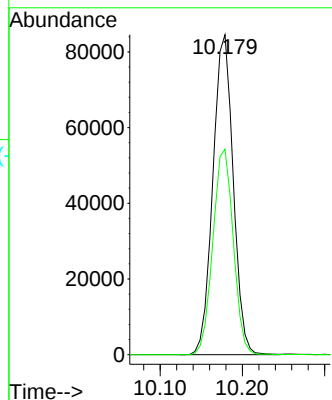
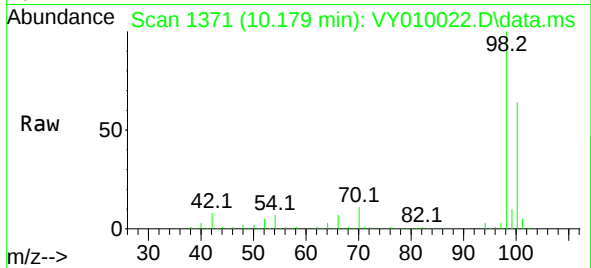




#50
Toluene-d8
Concen: 43.652 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

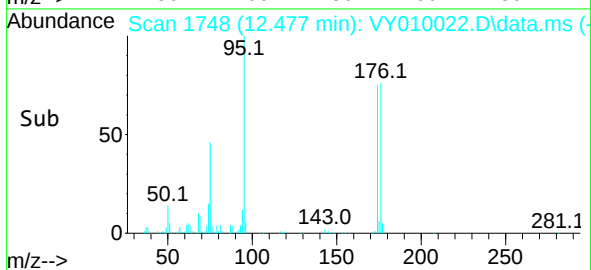
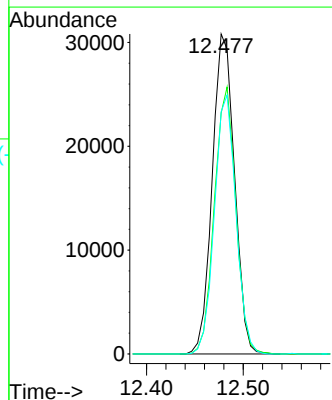
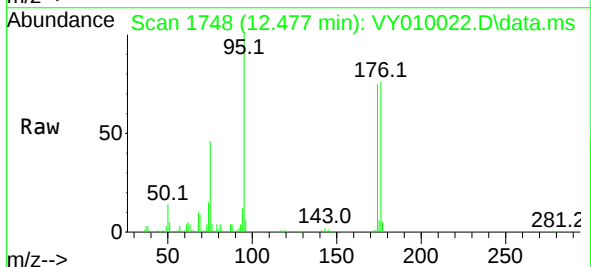
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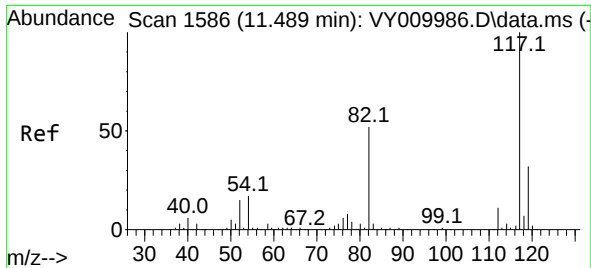
Tgt Ion: 98 Resp: 145138
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 40.351 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion: 95 Resp: 49156
Ion Ratio Lower Upper
95 100
174 80.5 0.0 173.8
176 78.1 0.0 167.0

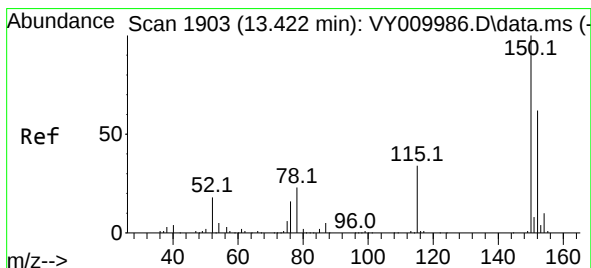
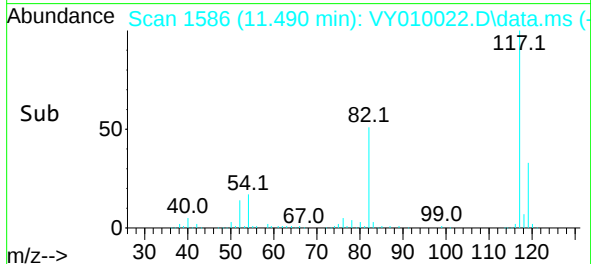
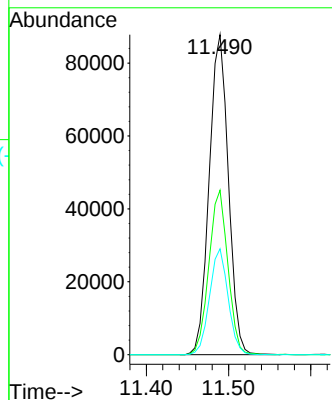
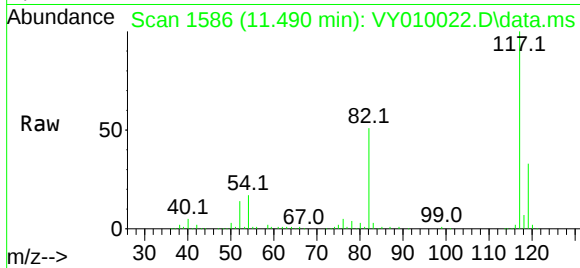




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

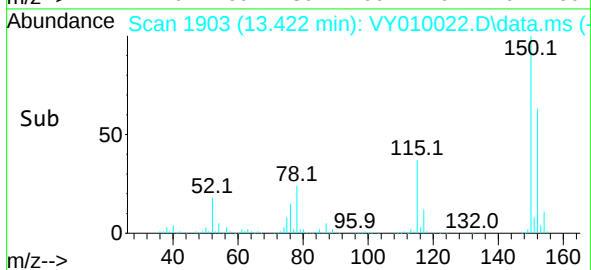
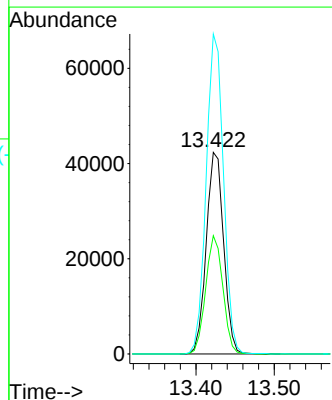
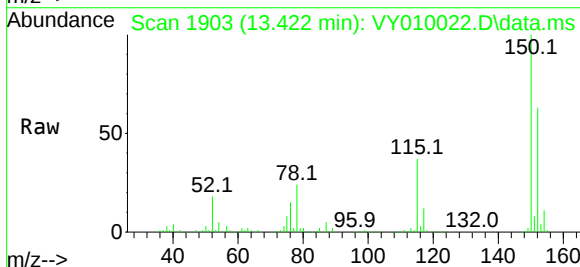
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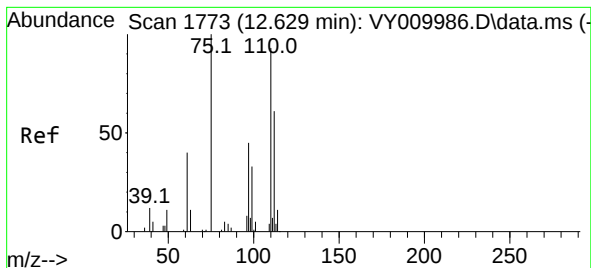
Tgt Ion:117 Resp: 142196
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.6
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion:152 Resp: 65190
Ion Ratio Lower Upper
152 100
115 58.0 28.6 85.9
150 157.8 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 30.315 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010022.D

Acq: 15 Aug 2022 00:54

Instrument :

MSVOA_Y

ClientSampleId :

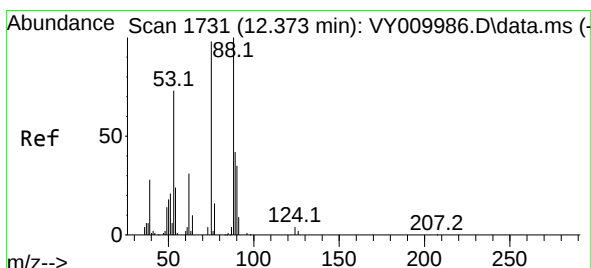
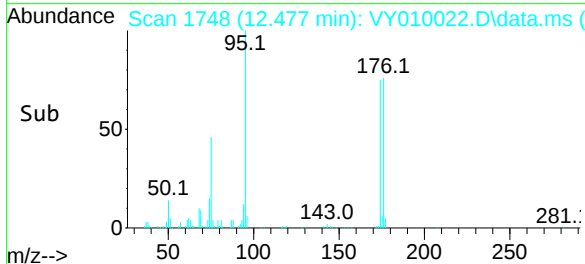
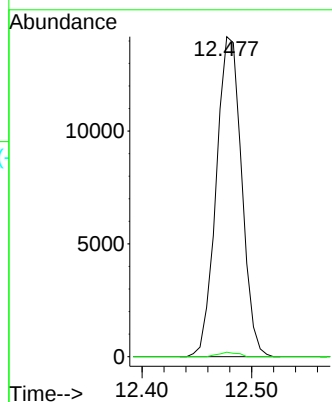
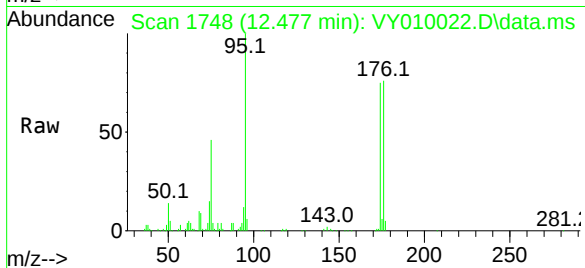
BEACONPOINT-BACKFILL-07

Tgt Ion: 75 Resp: 22837

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.899 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY010022.D

Acq: 15 Aug 2022 00:54

Tgt Ion: 75 Resp: 22837

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.2 38.1 57.1#

