

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009170.D
 Acq On : 07 Jun 2022 17:38
 Operator : KP/MD
 Sample : N3176-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEWARK-SPRE

Quant Time: Jun 08 07:58:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

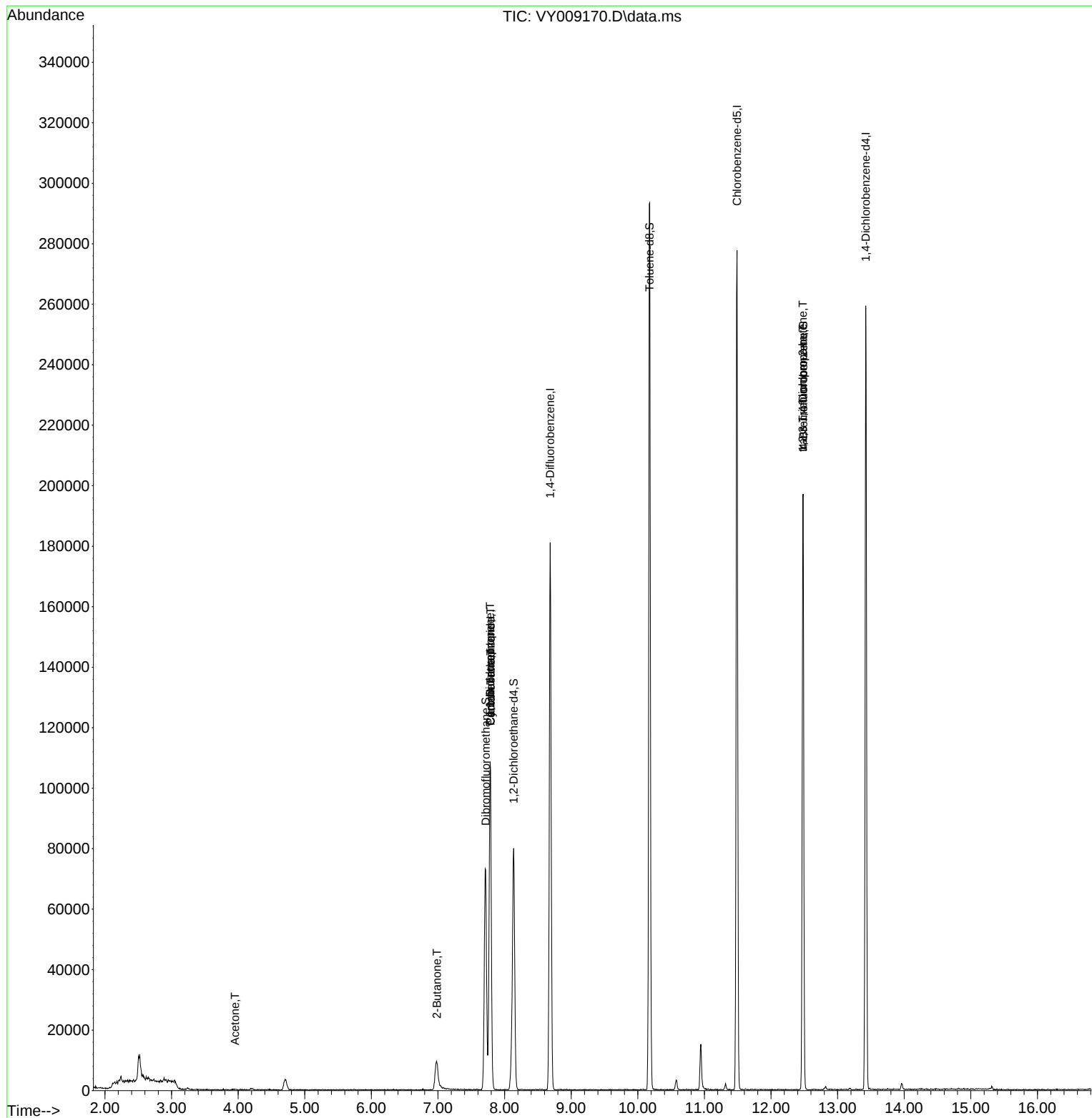
Internal Standards						
1) Pentafluorobenzene	7.789	168	83515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	149560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54660	63.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.180%	
35) Dibromofluoromethane	7.716	113	49569	53.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.600%	
50) Toluene-d8	10.179	98	186593	54.384	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.483	95	52395	37.857	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	311	1.738	ug/l #	47
20) Methylene Chloride	4.704	84	2875	Below Cal	#	71
25) 2-Butanone	6.984	43	626	1.959	ug/l #	54
31) Cyclohexane	7.789	56	2066	1.229	ug/l #	59
36) 1,1-Dichloropropene	7.783	75	6831	4.316	ug/l #	52
38) Carbon Tetrachloride	7.789	117	8080	4.880	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	31198	47.821	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31198	98.152	ug/l #	7

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

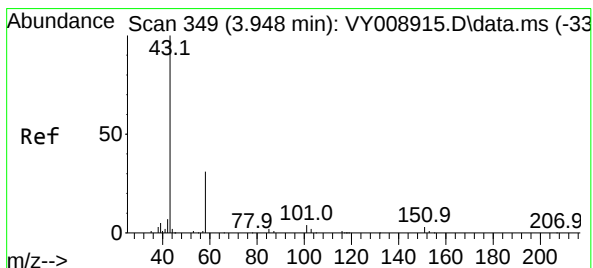
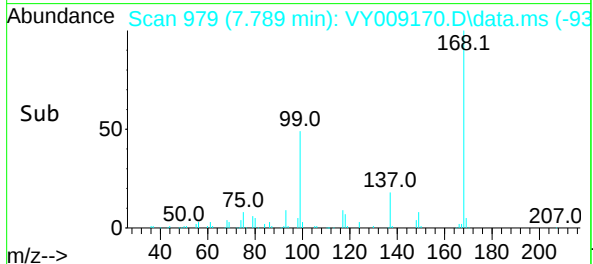
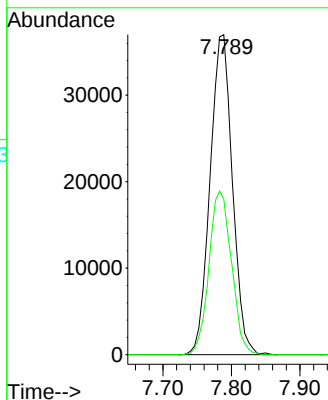
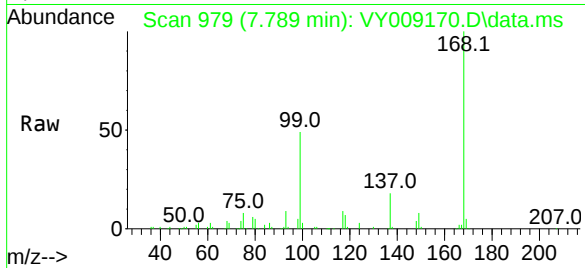




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

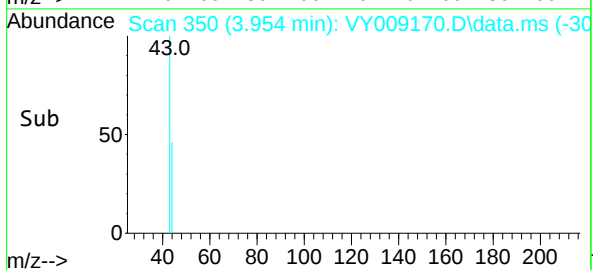
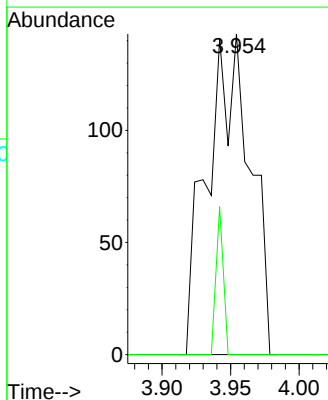
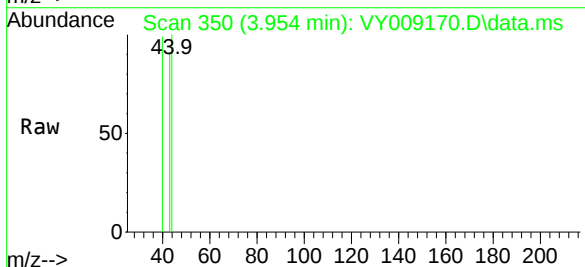
Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SPRE

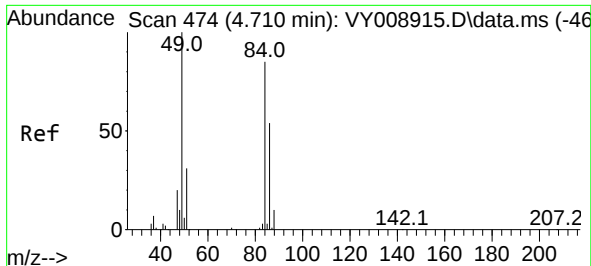
Tgt Ion:168 Resp: 83515
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#16
Acetone
Concen: 1.738 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

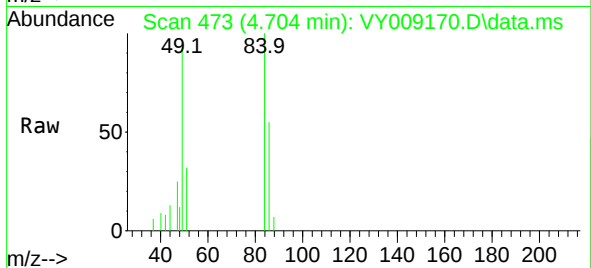
Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



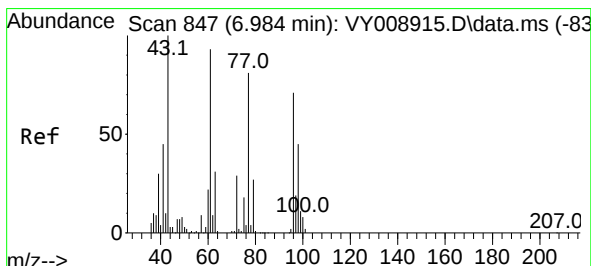
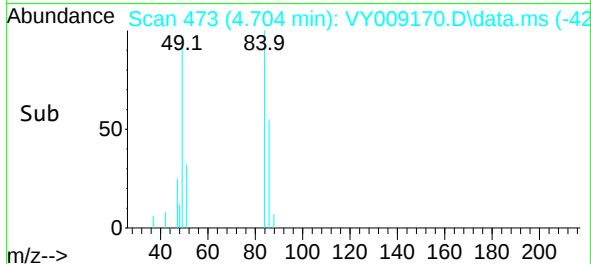
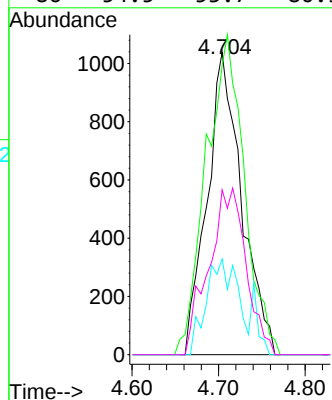


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SPRE

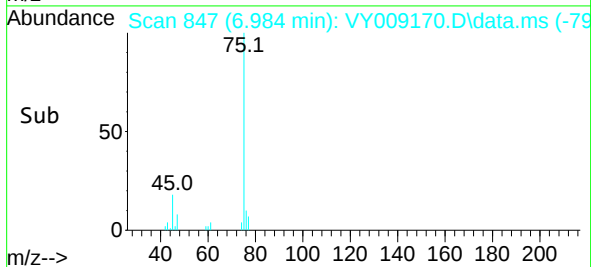
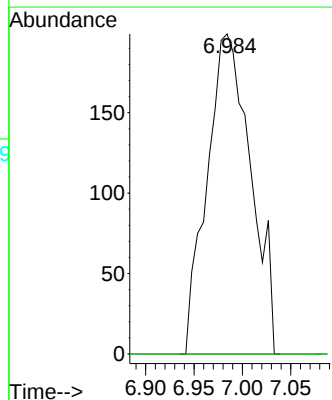
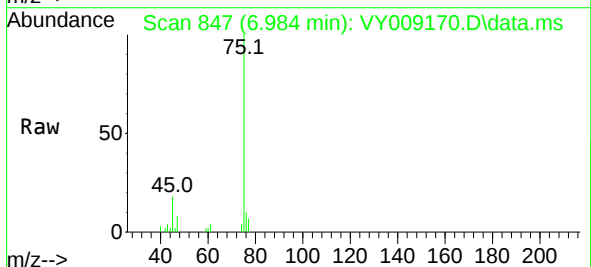


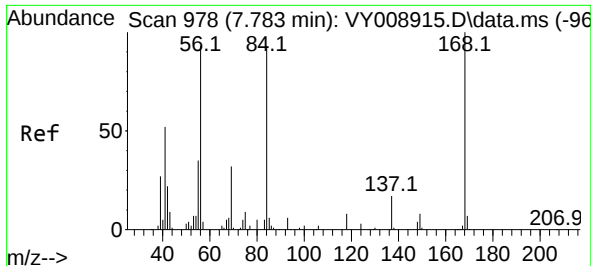
Tgt Ion: 84 Resp: 2875
Ion Ratio Lower Upper
84 100
49 95.7 114.4 171.6#
51 31.6 35.3 52.9#
86 54.5 53.7 80.5



#25
2-Butanone
Concen: 1.959 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

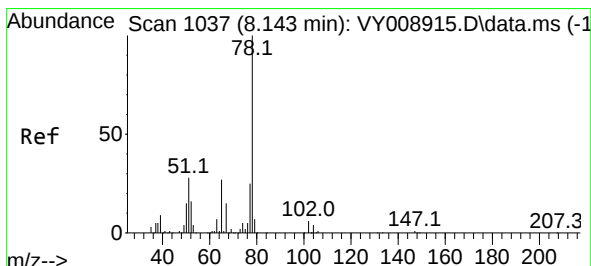
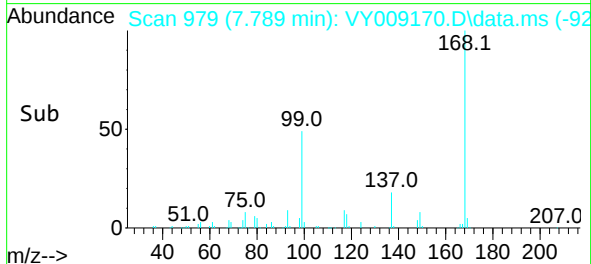
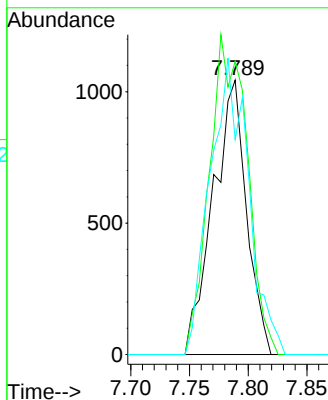
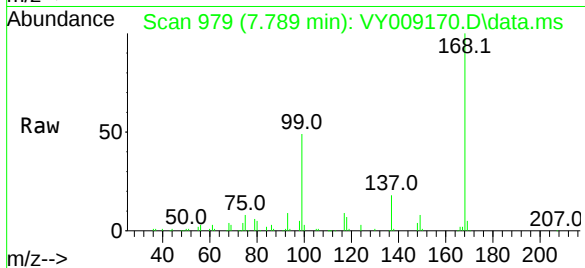




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

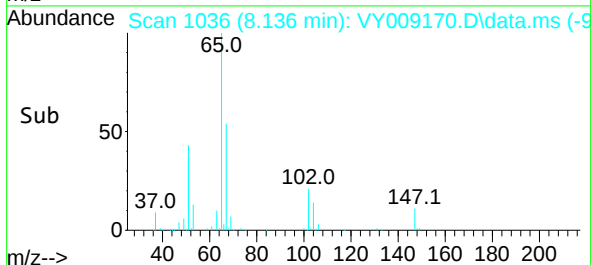
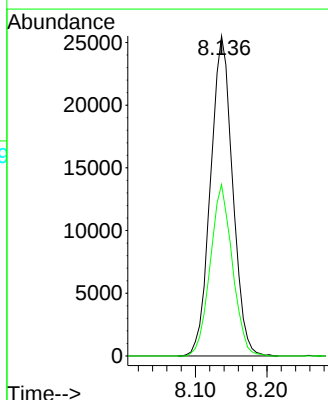
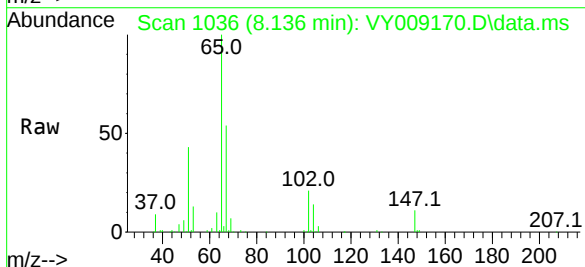
Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SPRE

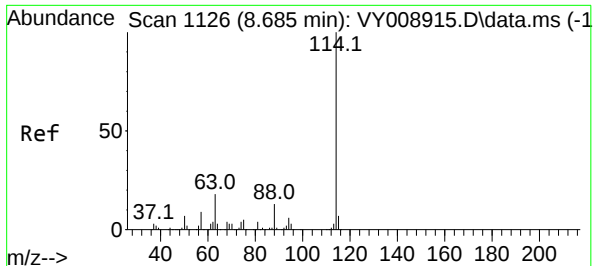
Tgt Ion: 56 Resp: 2066
Ion Ratio Lower Upper
56 100
69 106.9 26.7 40.1#
84 78.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 63.593 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion: 65 Resp: 54660
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009170.D

Acq: 07 Jun 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

NEWARK-SPRE

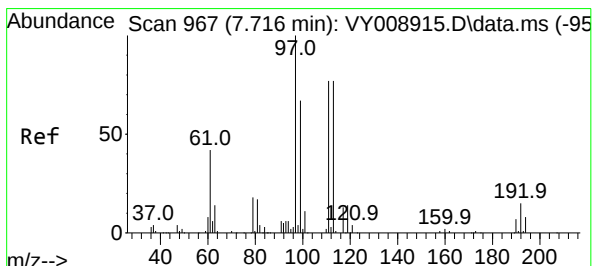
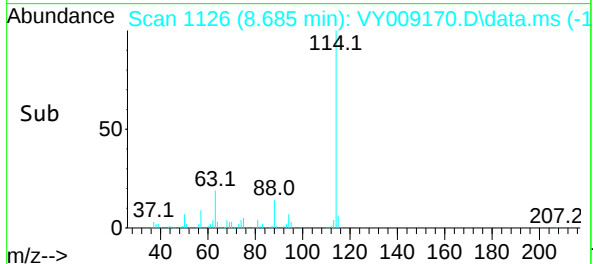
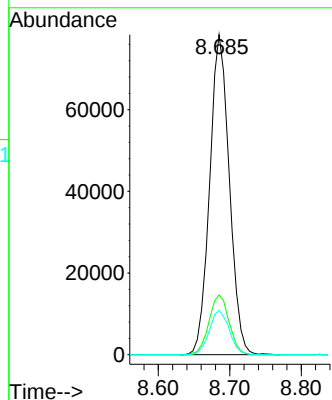
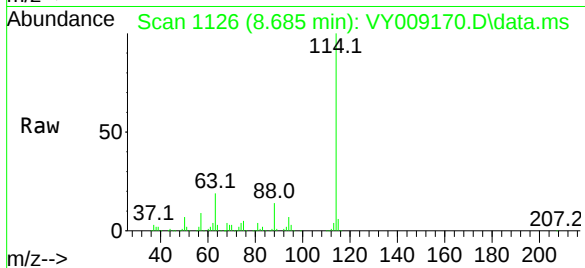
Tgt Ion:114 Resp: 149560

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.298 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009170.D

Acq: 07 Jun 2022 17:38

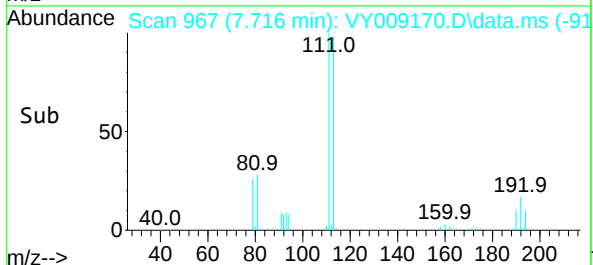
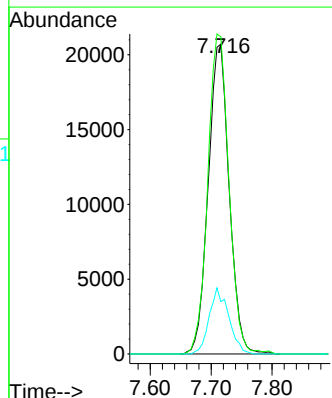
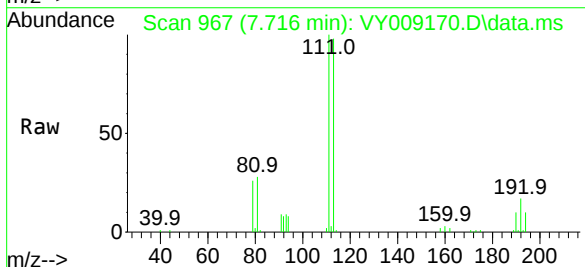
Tgt Ion:113 Resp: 49569

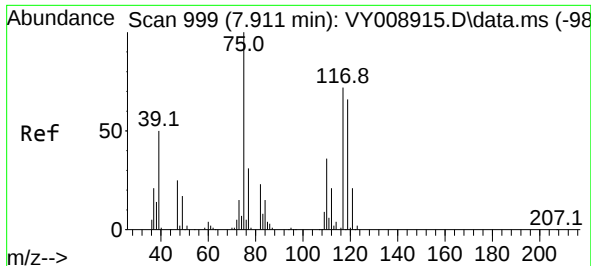
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.9 17.6 26.4

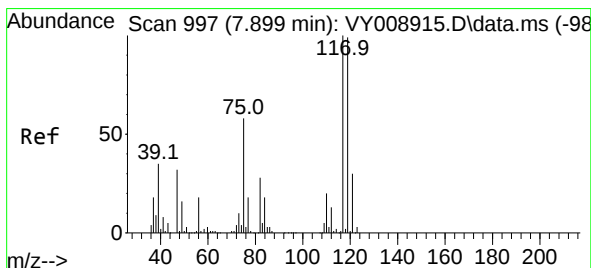
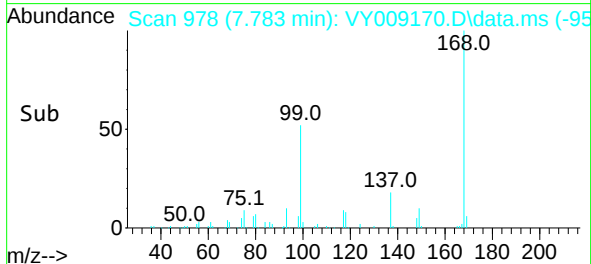
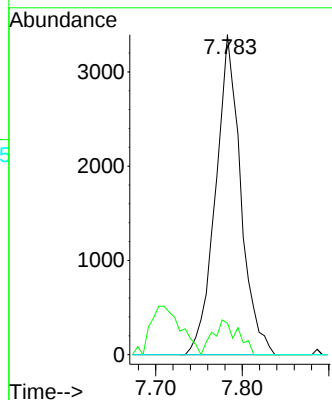
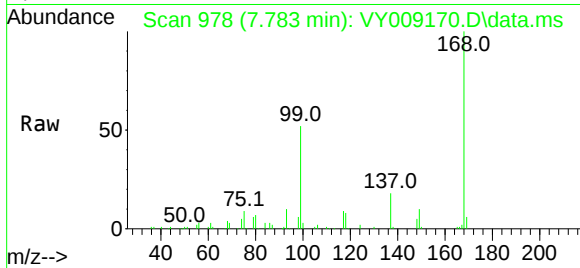




#36
 1,1-Dichloropropene
 Concen: 4.316 ug/l
 RT: 7.783 min Scan# 911
 Delta R.T. -0.128 min
 Lab File: VY009170.D
 Acq: 07 Jun 2022 17:38

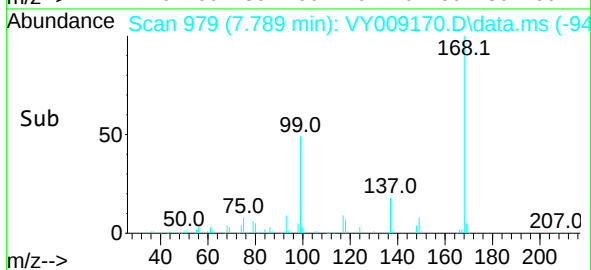
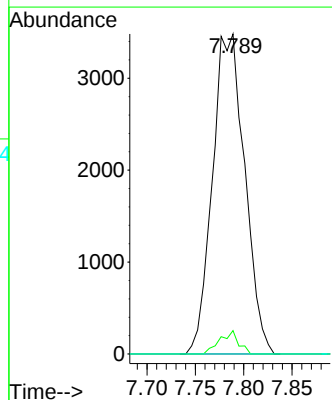
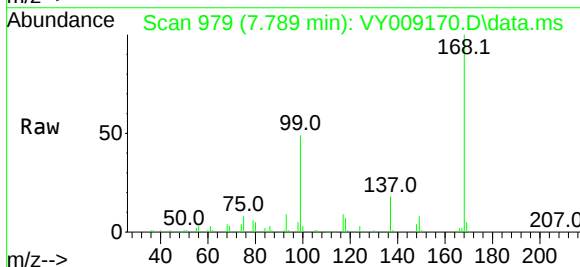
Instrument :
 MSVOA_Y
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 NEWARK-SPRE

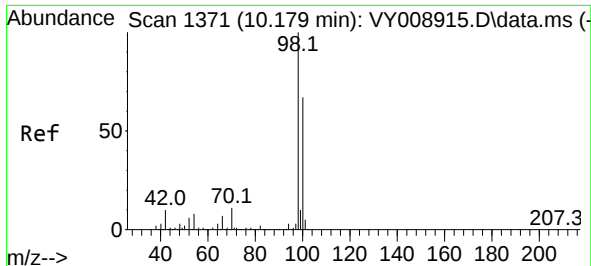
Tgt Ion: 75 Resp: 6831
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.880 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY009170.D
 Acq: 07 Jun 2022 17:38

Tgt Ion: 117 Resp: 8080
 Ion Ratio Lower Upper
 117 100
 119 7.3 77.9 116.9#
 121 0.0 24.8 37.2#

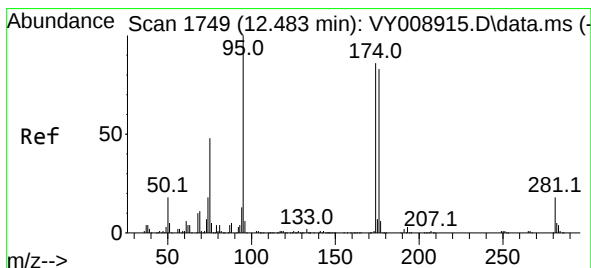
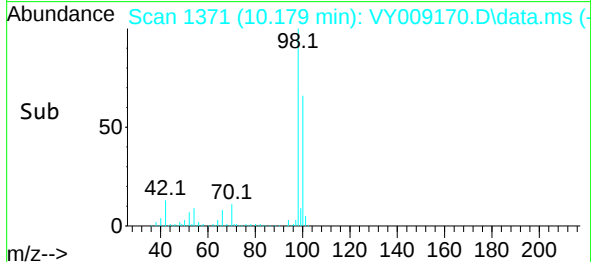
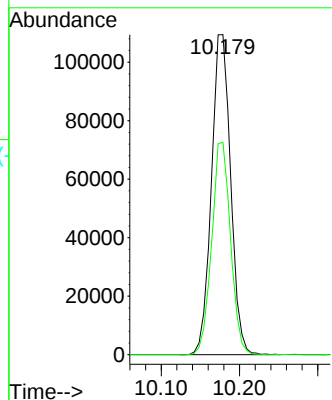
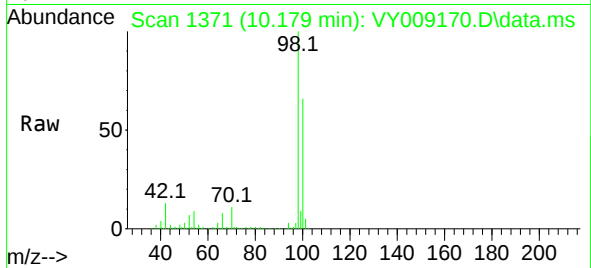




#50
Toluene-d8
Concen: 54.384 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

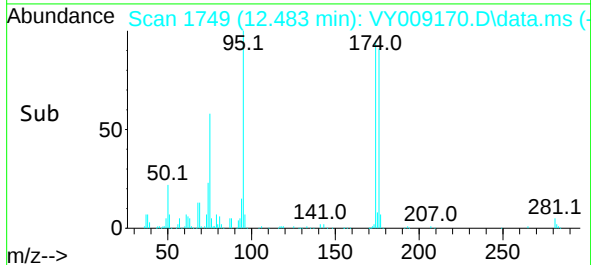
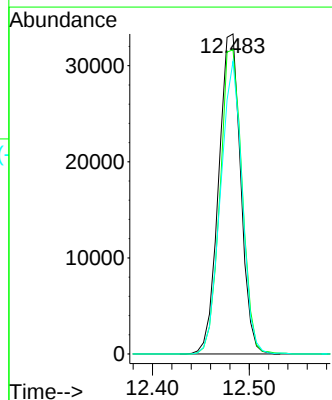
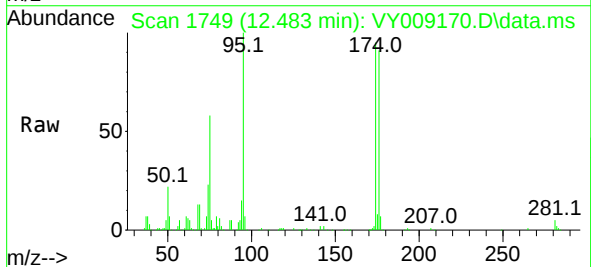
Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SPRE

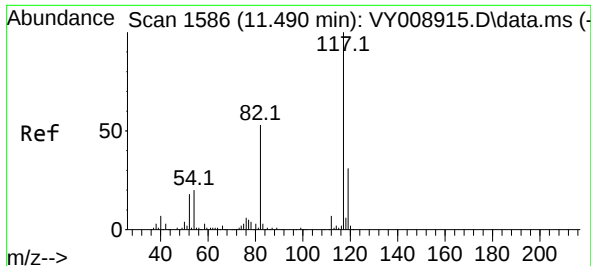
Tgt Ion: 98 Resp: 186593
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.857 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion: 95 Resp: 52395
Ion Ratio Lower Upper
95 100
174 95.7 0.0 177.0
176 90.0 0.0 175.8

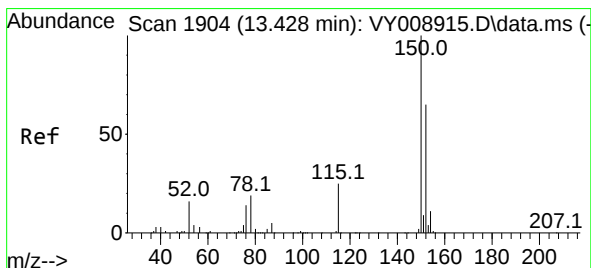
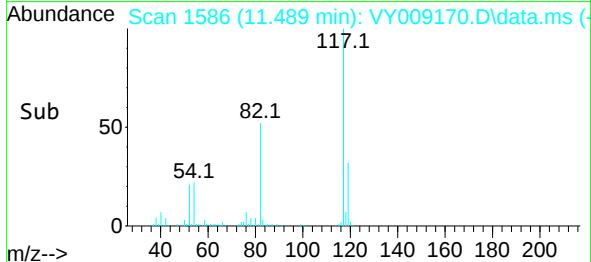
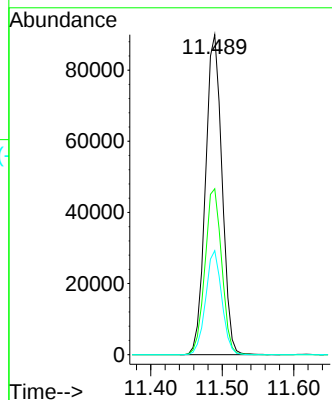
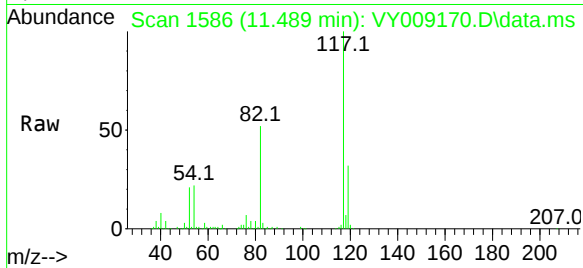




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

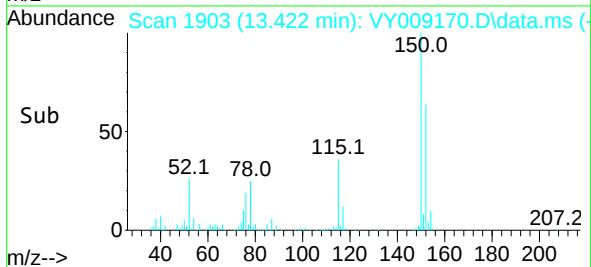
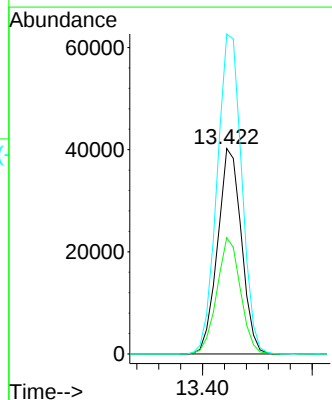
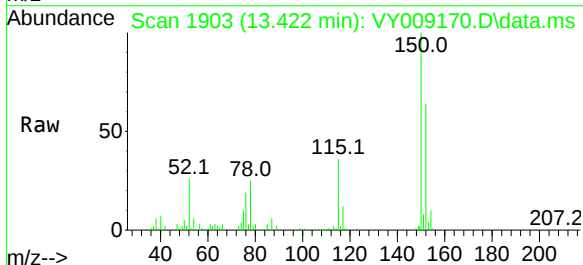
Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SPRE

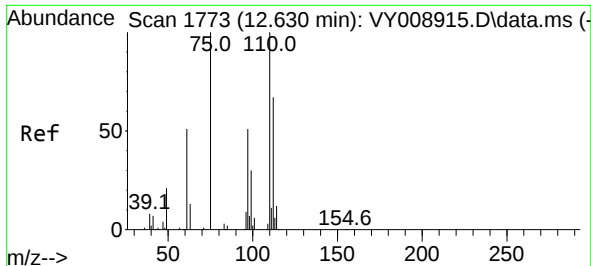
Tgt Ion:117 Resp: 144401
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion:152 Resp: 60751
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 160.9 0.0 347.6

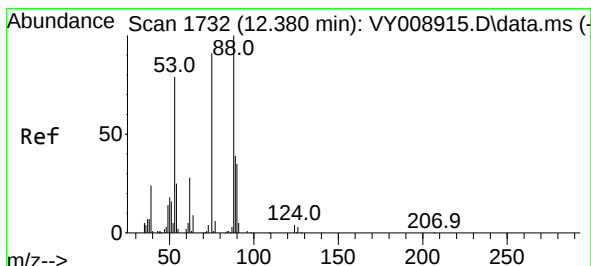
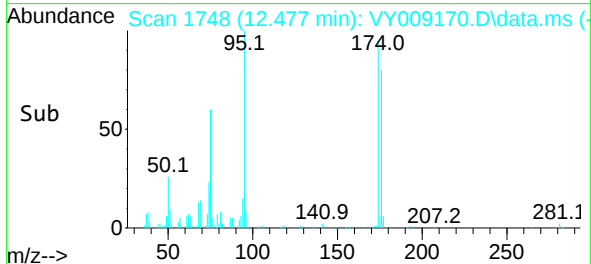
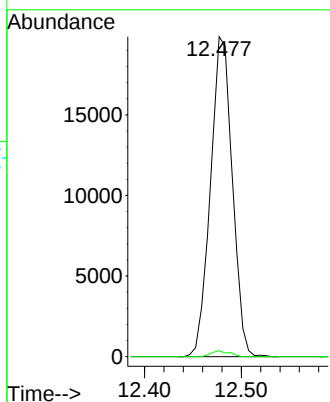
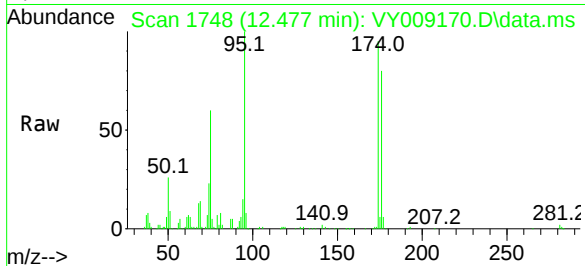




#76
1,2,3-Trichloropropane
Concen: 47.821 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
NEWARK-SPRE

Tgt Ion: 75 Resp: 31198
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.152 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009170.D
Acq: 07 Jun 2022 17:38

Tgt Ion: 75 Resp: 31198
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

