

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014343.D
 Acq On : 21 Jun 2023 18:05
 Operator : KP/MD
 Sample : 03357-19
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-04-G

Quant Time: Jun 22 01:58:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

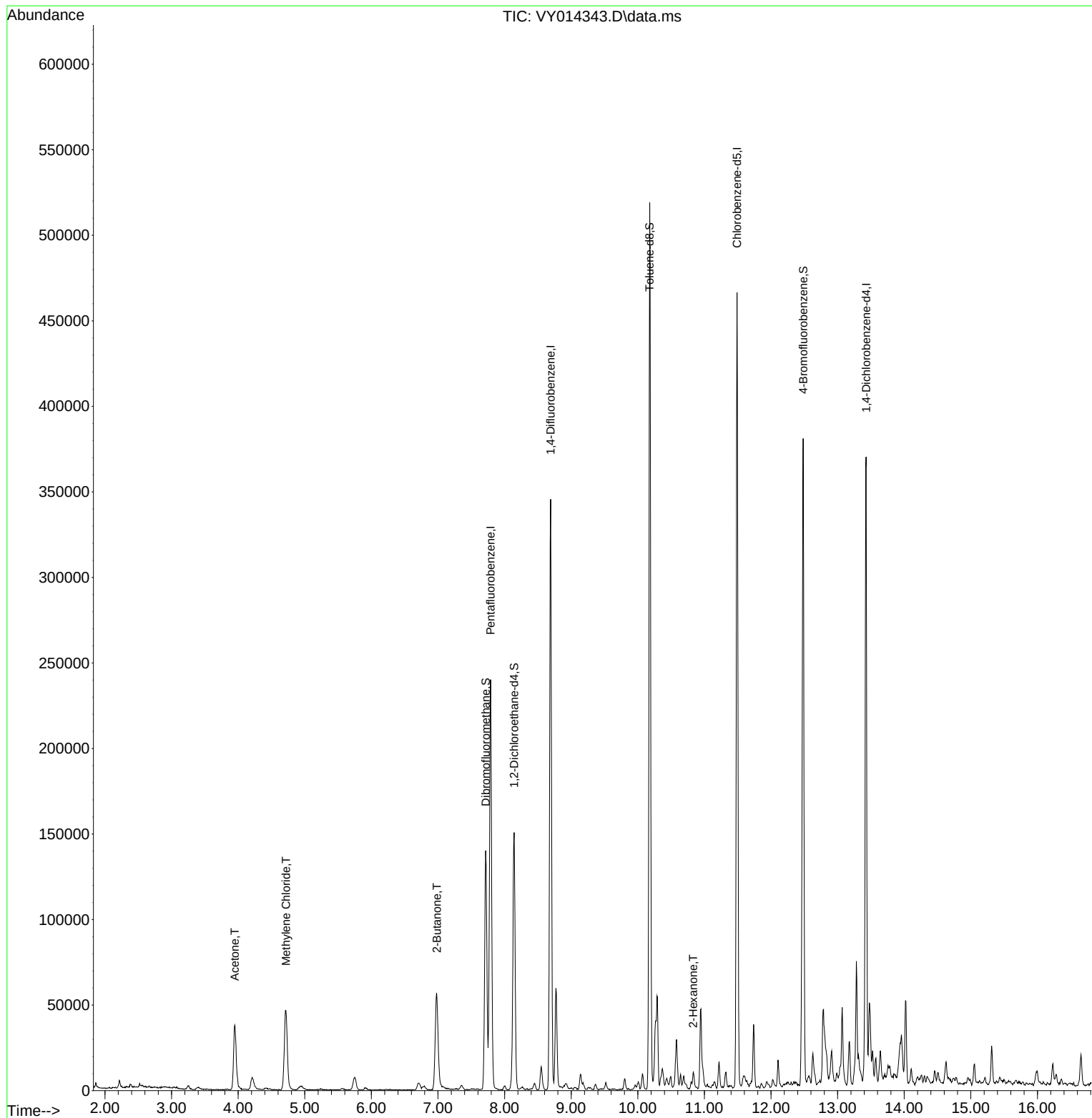
Internal Standards						
1) Pentafluorobenzene	7.789	168	178877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125062	50.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.420%	
35) Dibromofluoromethane	7.716	113	94183	46.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.500%	
50) Toluene-d8	10.179	98	334403	44.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.800%	
62) 4-Bromofluorobenzene	12.483	95	98384	36.775	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.540%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	68401	91.100	ug/l	96
20) Methylene Chloride	4.716	84	35572	12.124	ug/l	90
25) 2-Butanone	6.984	43	11500	12.443	ug/l #	85
59) 2-Hexanone	10.831	43	5789	3.884	ug/l	99

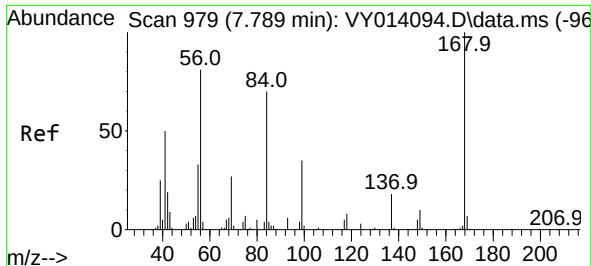
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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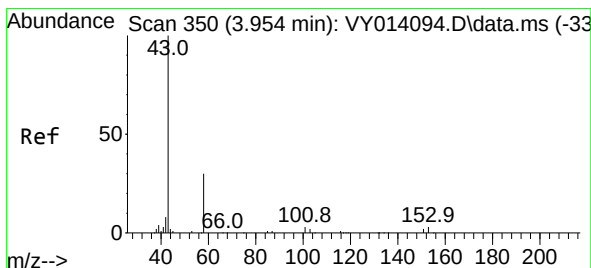
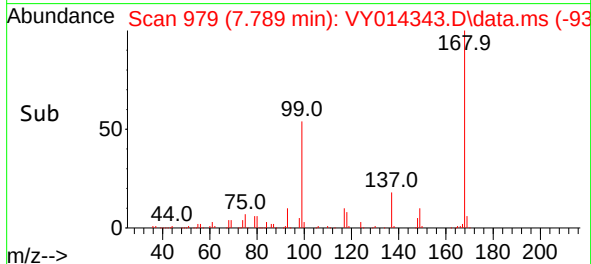
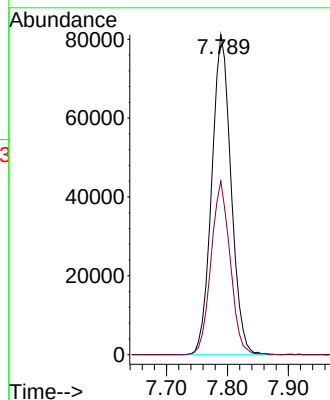
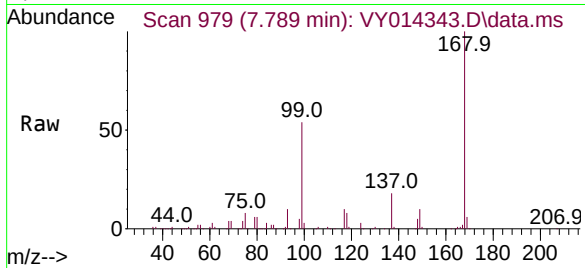




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

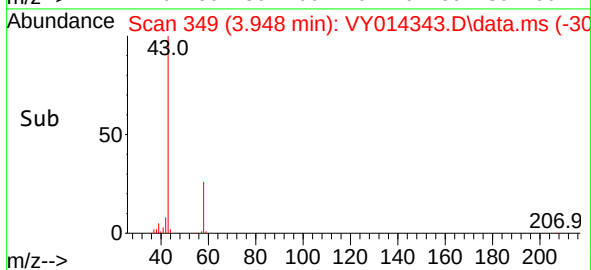
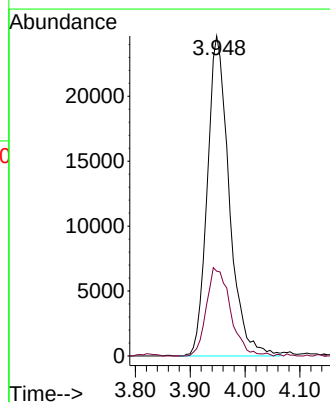
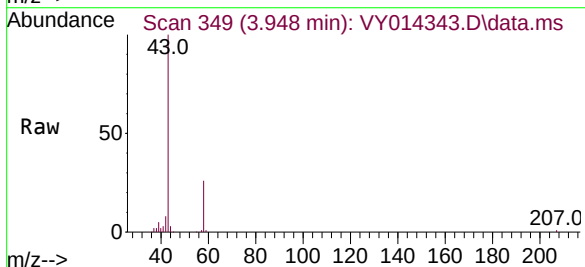
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-04-G

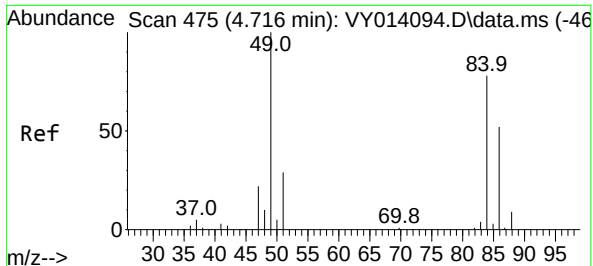
Tgt Ion:168 Resp: 178877
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 91.100 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

Tgt Ion: 43 Resp: 68401
Ion Ratio Lower Upper
43 100
58 26.5 22.7 34.1

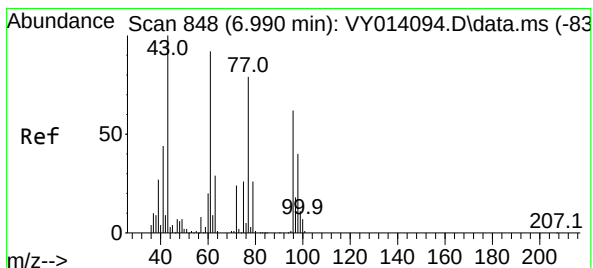
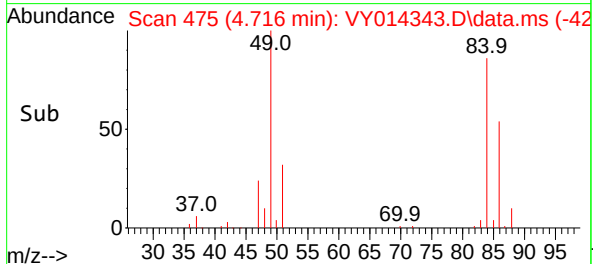
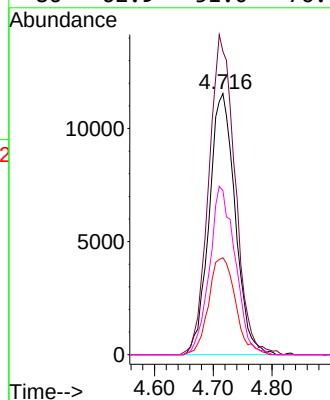
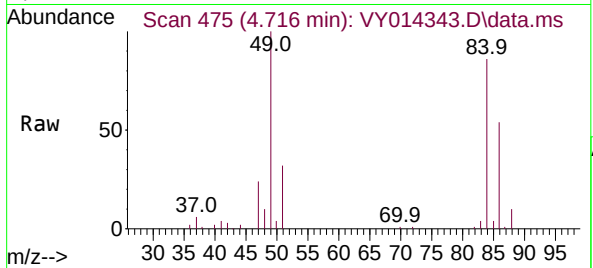




#20
Methylene Chloride
Concen: 12.124 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

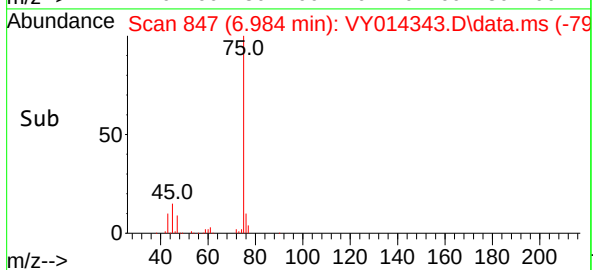
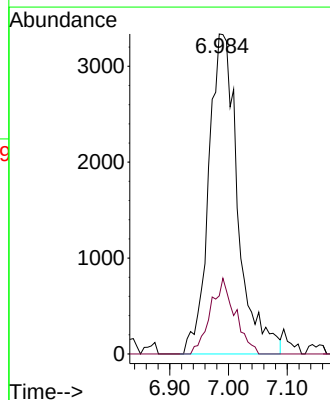
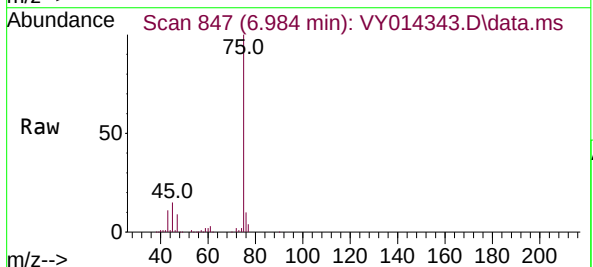
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-04-G

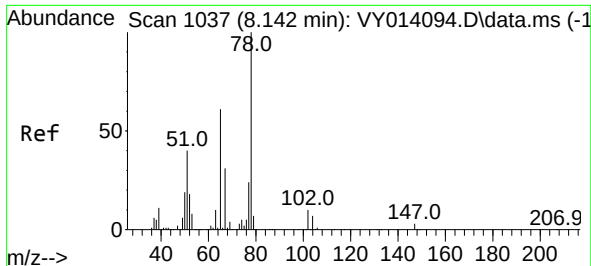
Tgt Ion:	84	Resp:	35572
Ion	Ratio	Lower	Upper
84	100		
49	116.1	106.9	160.3
51	37.1	33.2	49.8
86	62.9	51.0	76.6



#25
2-Butanone
Concen: 12.443 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

Tgt Ion:	43	Resp:	11500
Ion	Ratio	Lower	Upper
43	100		
72	18.2	20.5	30.7#





#33

1,2-Dichloroethane-d4

Concen: 50.208 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014343.D

Acq: 21 Jun 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

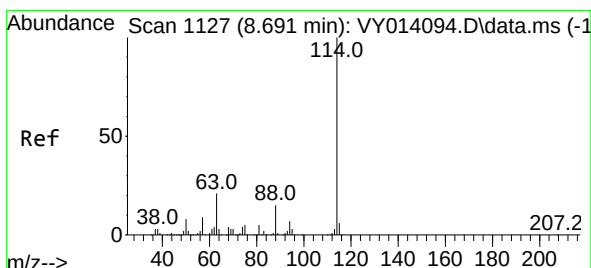
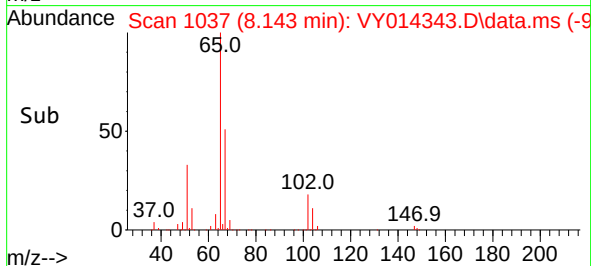
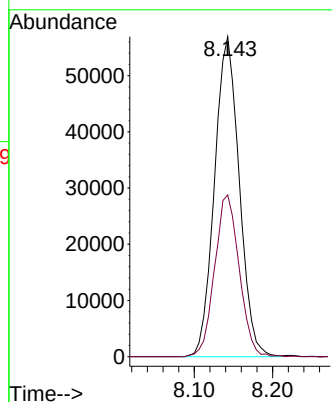
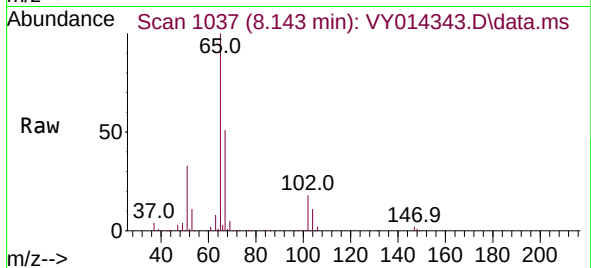
WC-SCAN-04-G

Tgt Ion: 65 Resp: 125062

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014343.D

Acq: 21 Jun 2023 18:05

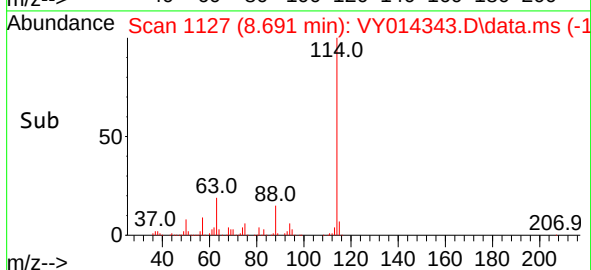
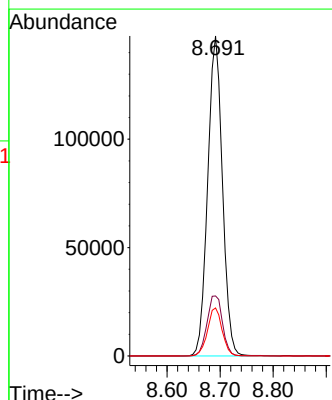
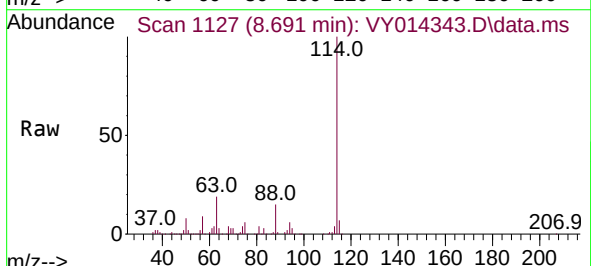
Tgt Ion: 114 Resp: 284055

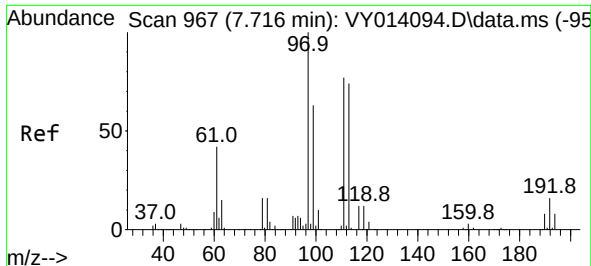
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.0 0.0 30.6

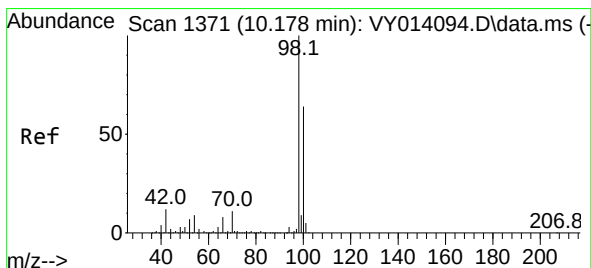
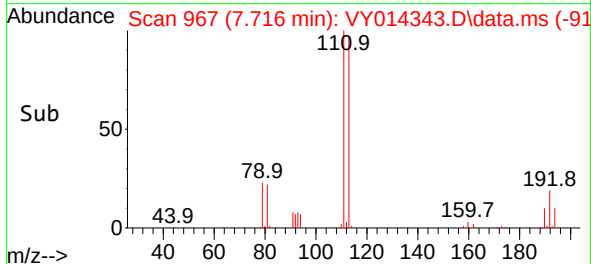
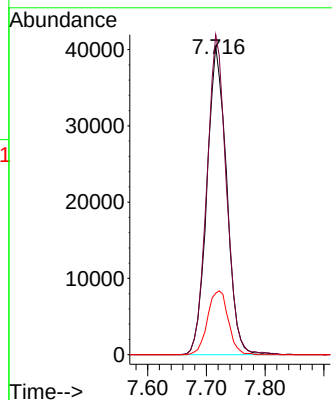
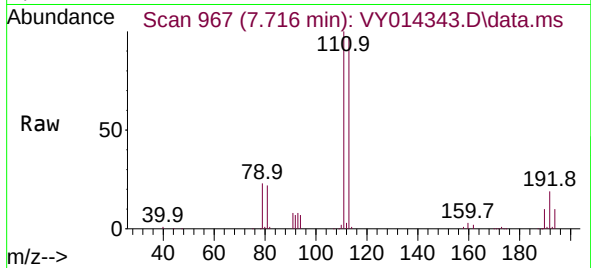




#35
Dibromofluoromethane
Concen: 46.754 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

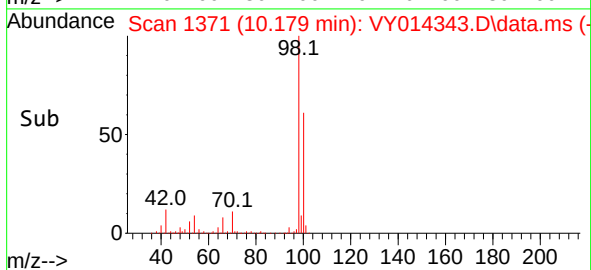
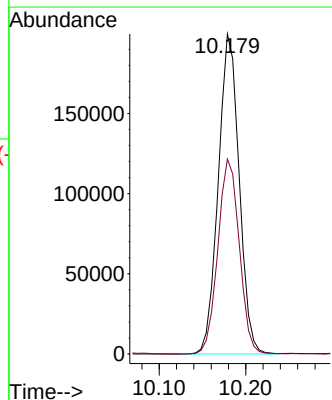
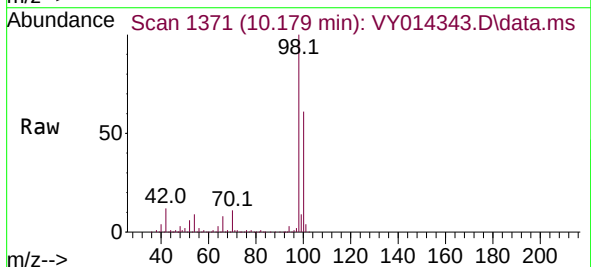
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WC-SCAN-04-G

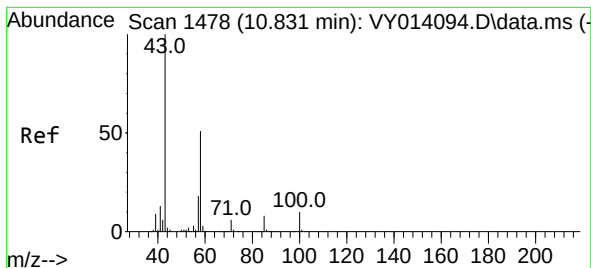
Tgt Ion:113 Resp: 94183
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 44.402 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

Tgt Ion: 98 Resp: 334403
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

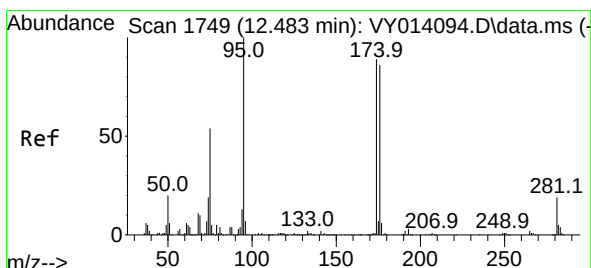
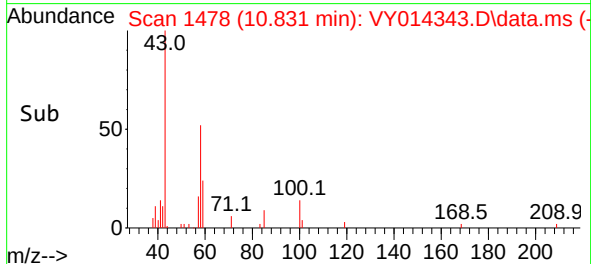
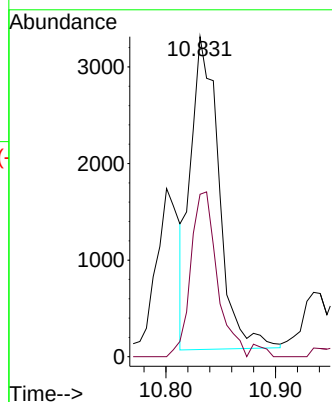
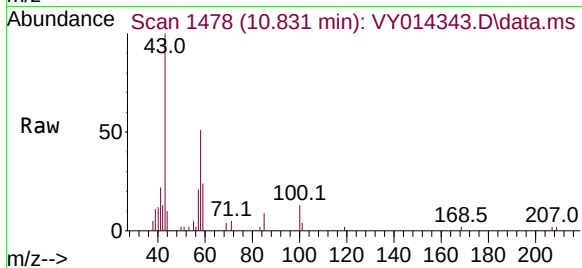




#59
2-Hexanone
Concen: 3.884 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

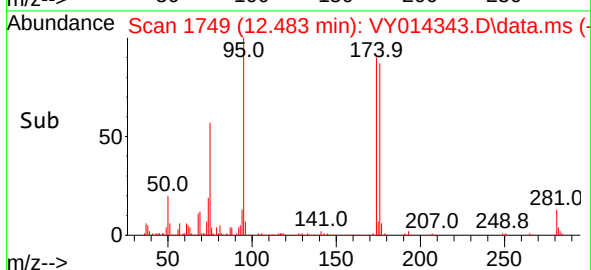
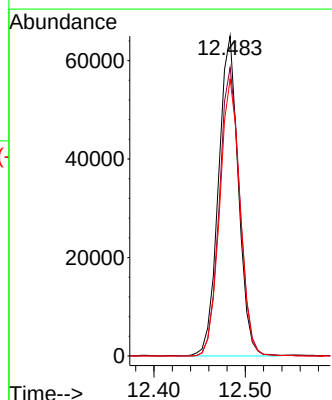
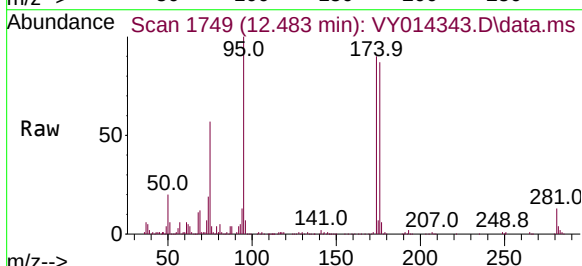
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-04-G

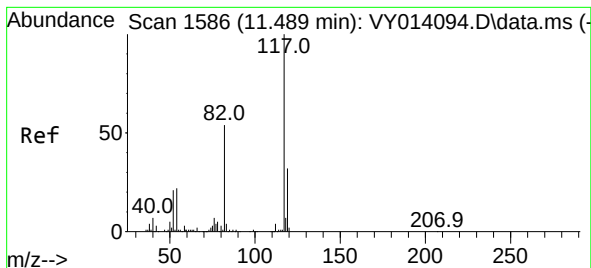
Tgt Ion: 43 Resp: 5789
Ion Ratio Lower Upper
43 100
58 49.2 25.1 75.3



#62
4-Bromofluorobenzene
Concen: 36.775 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014343.D
Acq: 21 Jun 2023 18:05

Tgt Ion: 95 Resp: 98384
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.2
176 88.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014343.D

Acq: 21 Jun 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

WC-SCAN-04-G

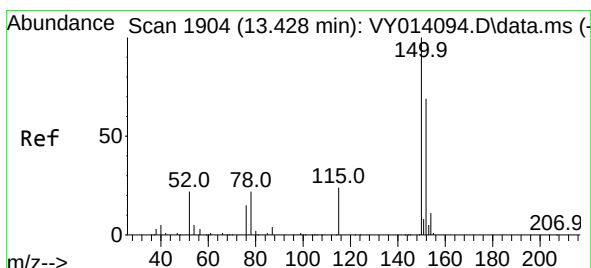
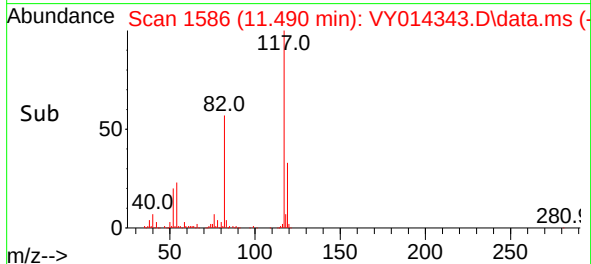
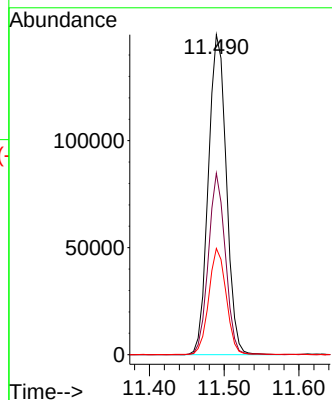
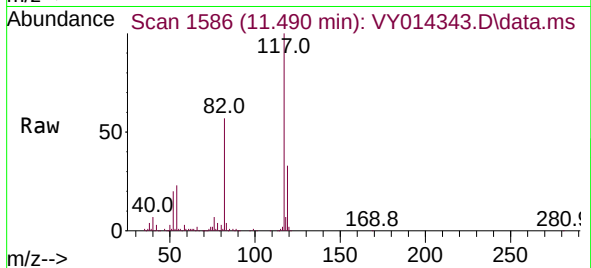
Tgt Ion:117 Resp: 250224

Ion Ratio Lower Upper

117 100

82 56.7 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014343.D

Acq: 21 Jun 2023 18:05

Tgt Ion:152 Resp: 92458

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 159.5 0.0 348.8

