

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014342.D
 Acq On : 21 Jun 2023 17:41
 Operator : KP/MD
 Sample : 03357-14
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-03-G

Quant Time: Jun 22 01:58:17 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)

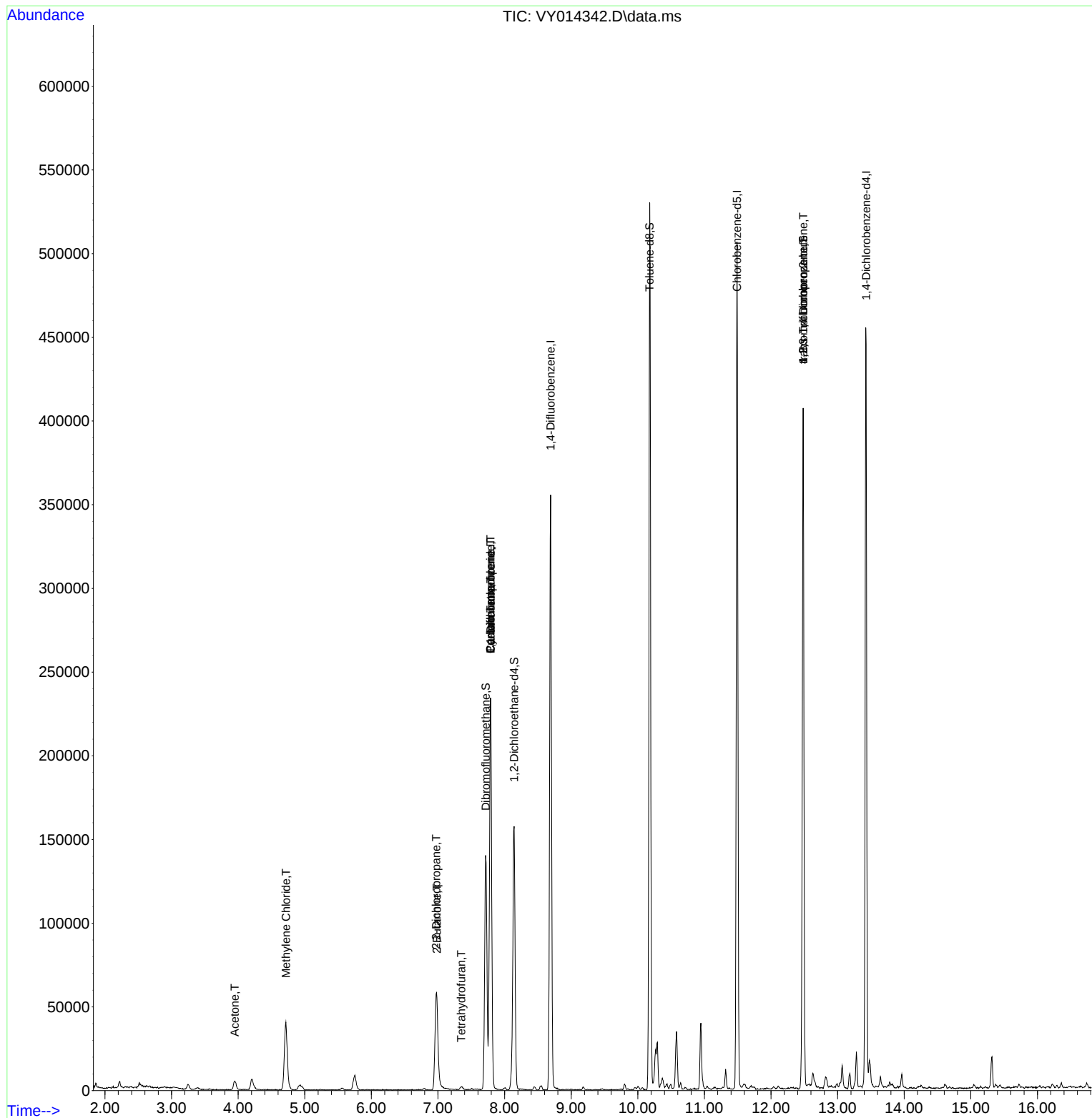
Internal Standards						
1) Pentafluorobenzene	7.789	168	182649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129392	50.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.740%	
35) Dibromofluoromethane	7.716	113	96872	46.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.900%	
50) Toluene-d8	10.179	98	344482	44.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.360%	
62) 4-Bromofluorobenzene	12.483	95	109609	39.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	2742	Below Cal	#	91
16) Acetone	3.948	43	9501	12.393	ug/l	91
20) Methylene Chloride	4.716	84	29074	8.934	ug/l	98
25) 2-Butanone	6.984	43	3788	4.014	ug/l #	74
26) 2,2-Dichloropropane	6.972	77	4565	1.165	ug/l #	54
29) Tetrahydrofuran	7.350	42	1388	2.319	ug/l	94
31) Cyclohexane	7.789	56	4404	1.293	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	14598	4.490	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17646	4.703	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	59928	38.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59928	82.587	ug/l #	11

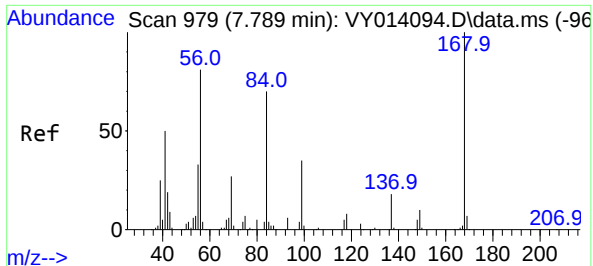
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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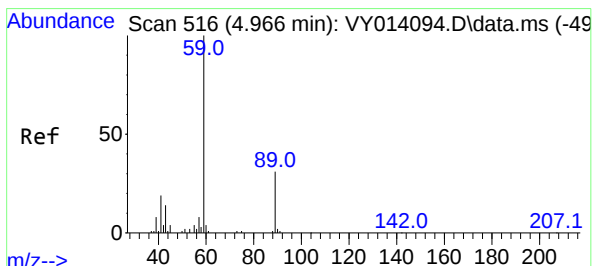
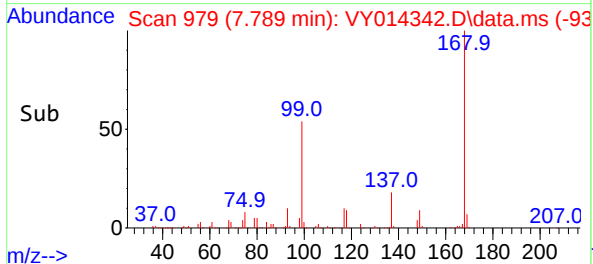
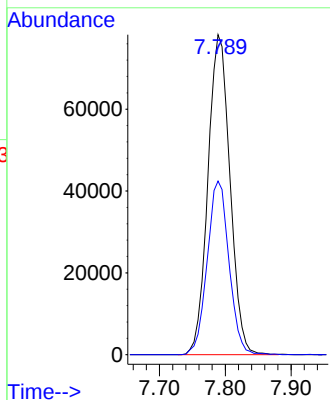
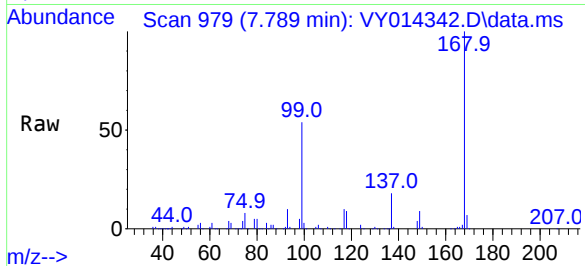




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

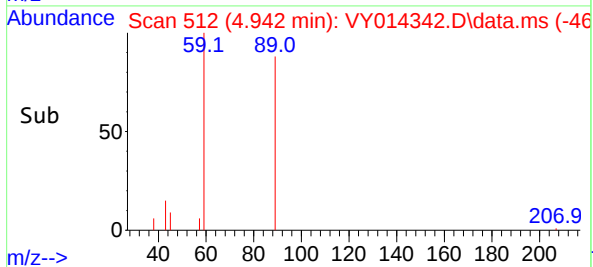
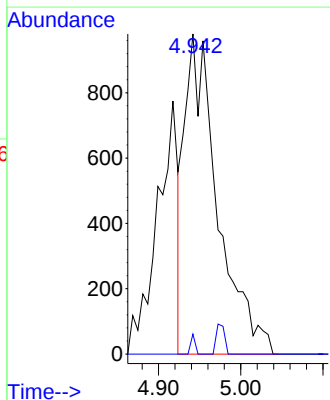
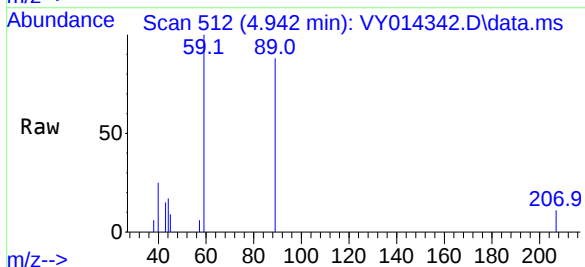
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

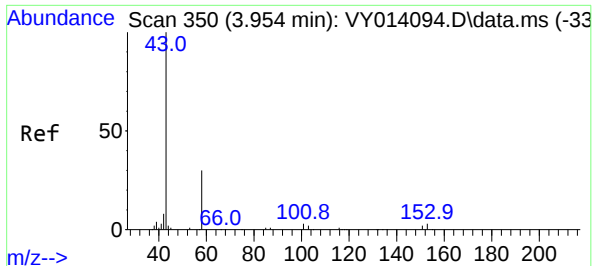
Tgt Ion:168 Resp: 182649
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 59 Resp: 2742
Ion Ratio Lower Upper
59 100
57 0.8 3.0 4.4#

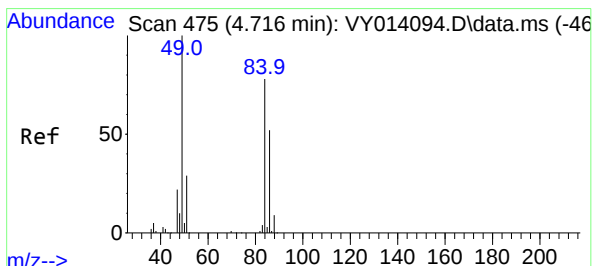
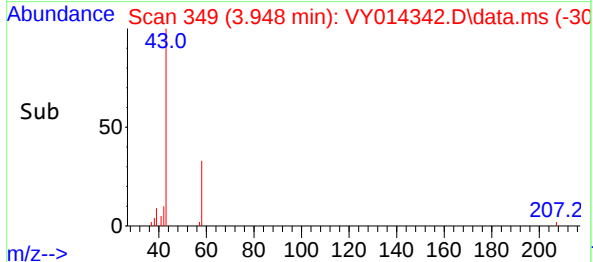
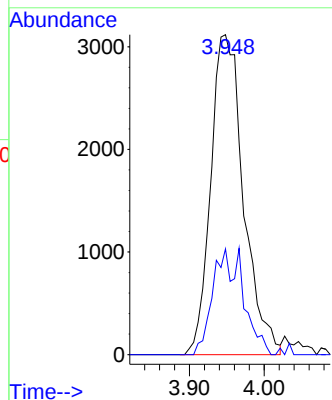
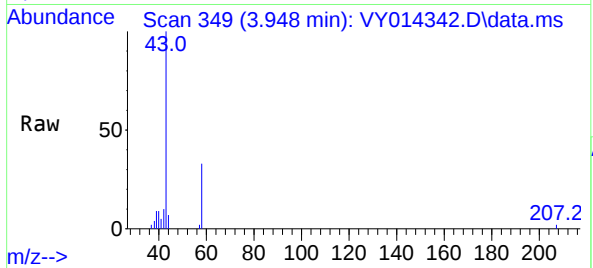




#16
Acetone
Concen: 12.393 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

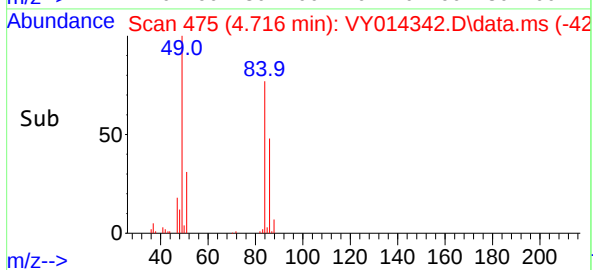
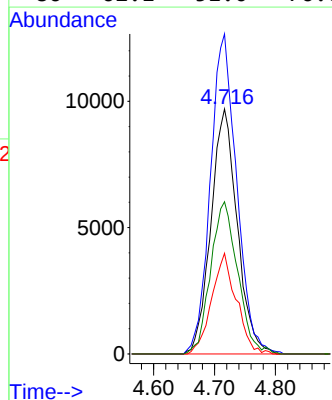
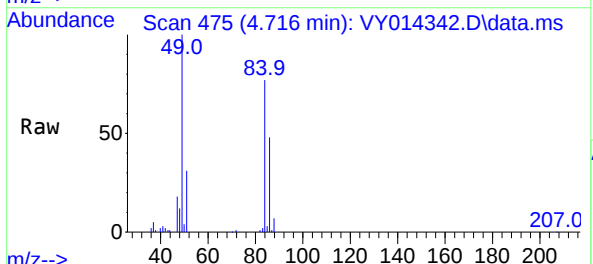
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

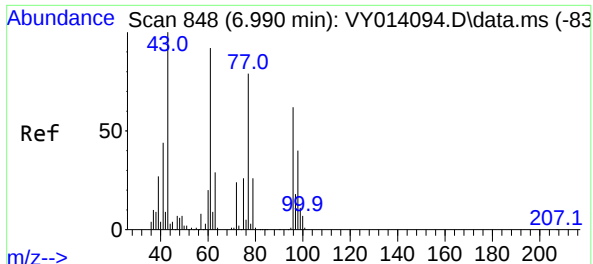
Tgt Ion: 43 Resp: 9501
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1



#20
Methylene Chloride
Concen: 8.934 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 84 Resp: 29074
Ion Ratio Lower Upper
84 100
49 130.6 106.9 160.3
51 41.1 33.2 49.8
86 62.1 51.0 76.6





#25

2-Butanone

Concen: 4.014 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014342.D

Acq: 21 Jun 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

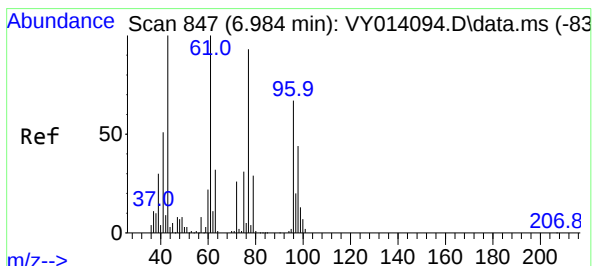
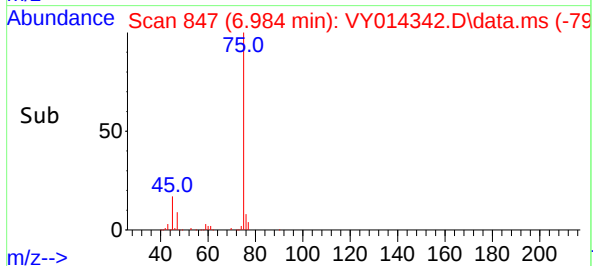
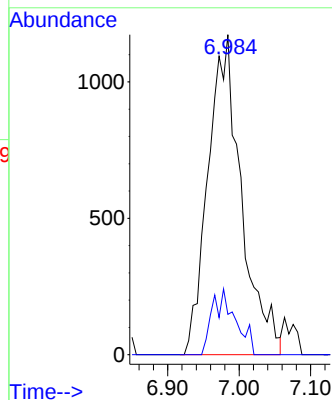
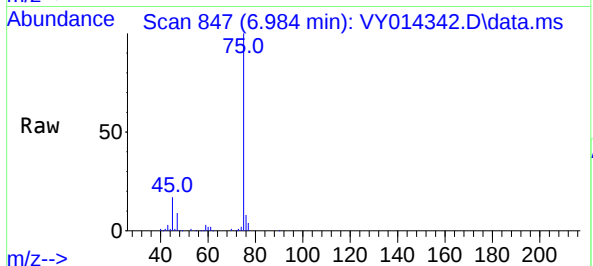
WC-SCAN-03-G

Tgt Ion: 43 Resp: 3788

Ion Ratio Lower Upper

43 100

72 12.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.165 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014342.D

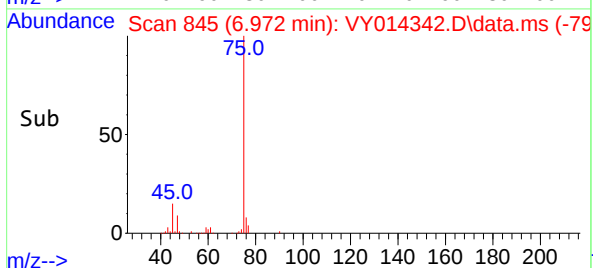
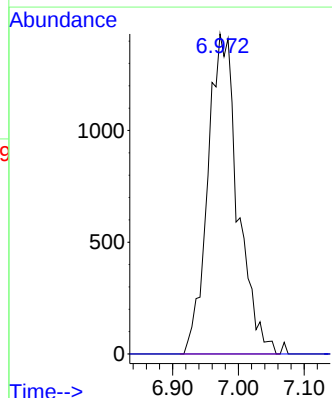
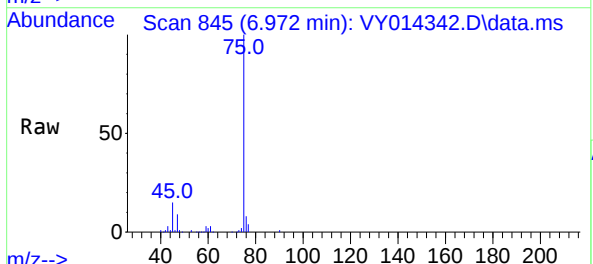
Acq: 21 Jun 2023 17:41

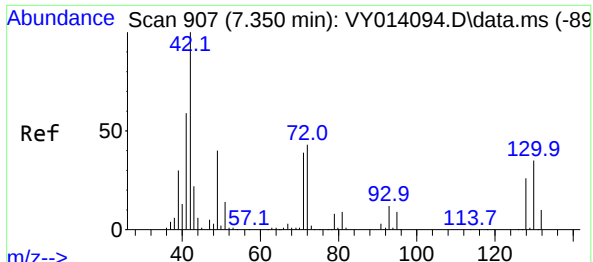
Tgt Ion: 77 Resp: 4565

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

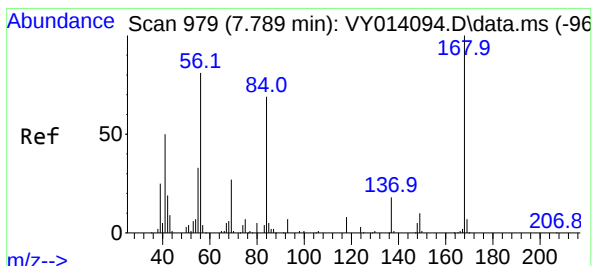
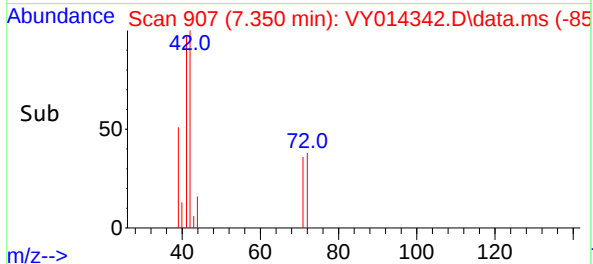
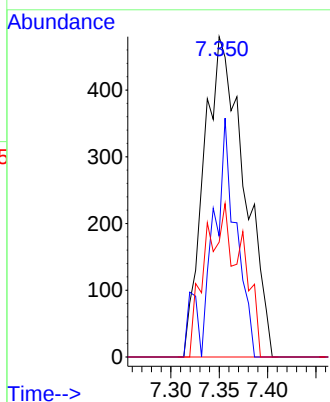
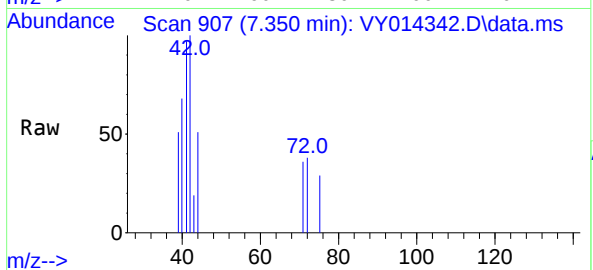




#29
Tetrahydrofuran
Concen: 2.319 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

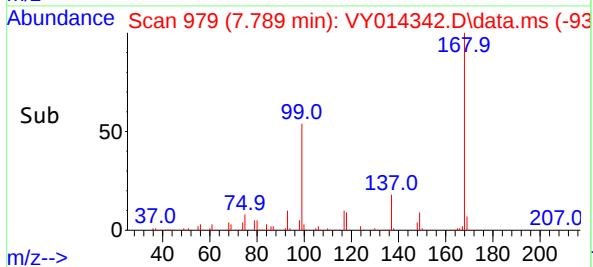
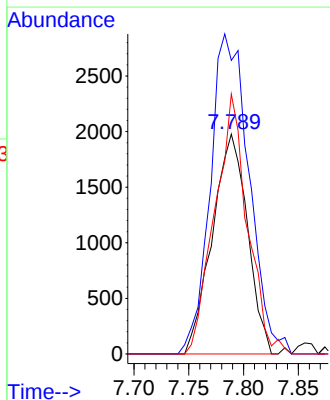
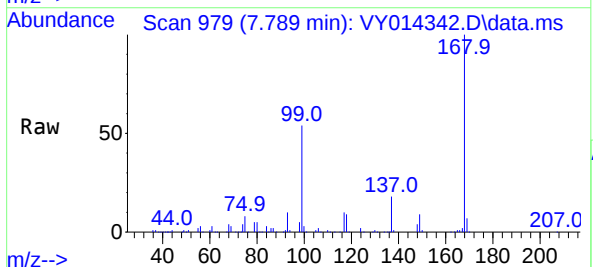
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

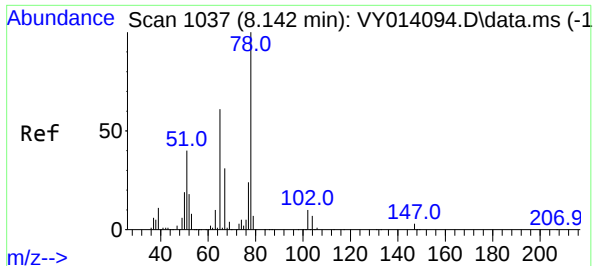
Tgt Ion:	42	Resp:	1388
Ion	Ratio	Lower	Upper
42	100		
72	44.2	32.8	49.2
71	43.2	31.0	46.4



#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion:	56	Resp:	4404
Ion	Ratio	Lower	Upper
56	100		
69	133.5	27.8	41.6#
84	118.1	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 50.873 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014342.D

Acq: 21 Jun 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

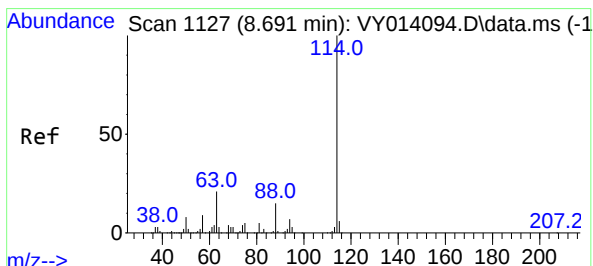
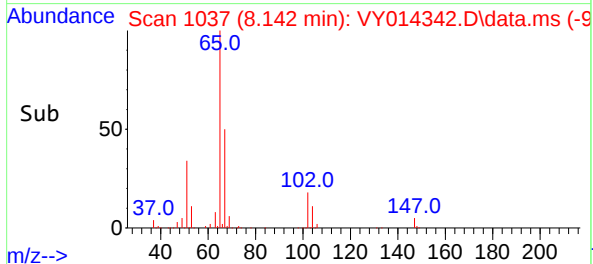
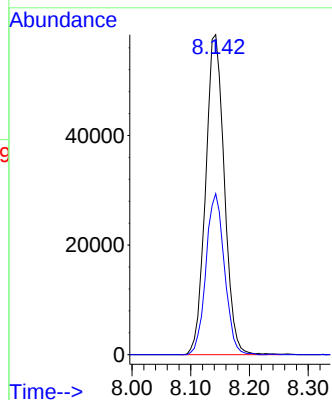
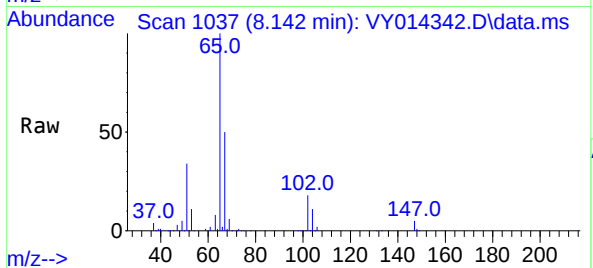
WC-SCAN-03-G

Tgt Ion: 65 Resp: 129392

Ion Ratio Lower Upper

65 100

67 49.6 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: VY014342.D

Acq: 21 Jun 2023 17:41

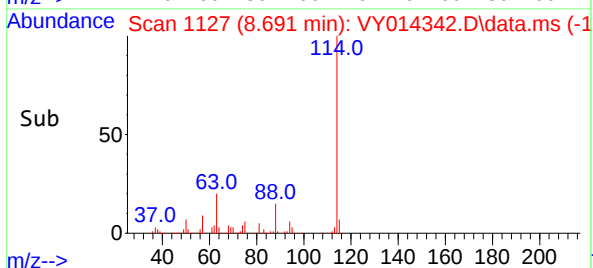
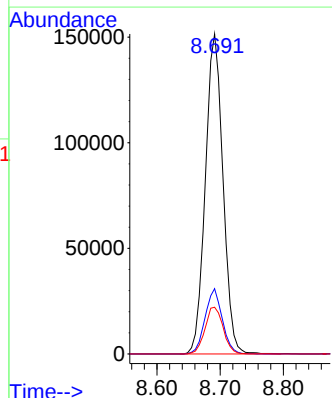
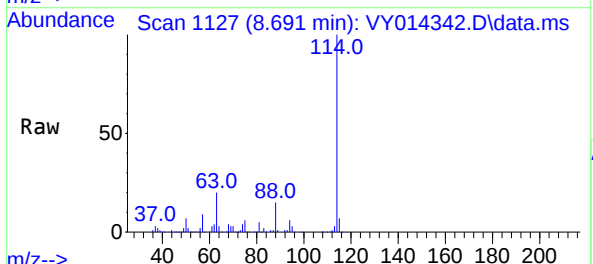
Tgt Ion: 114 Resp: 294086

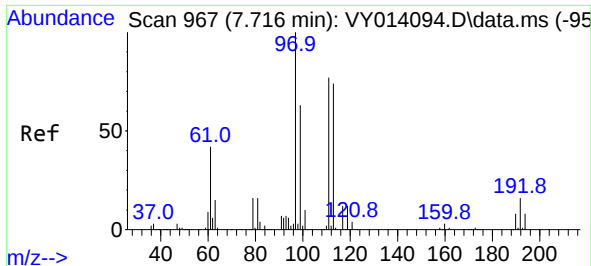
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 14.6 0.0 30.6

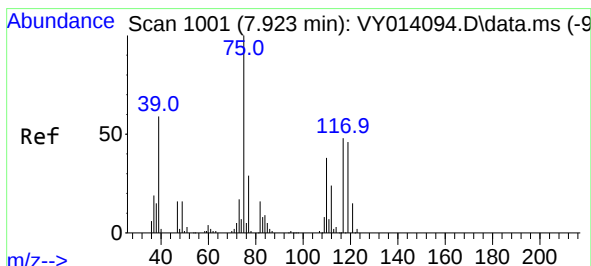
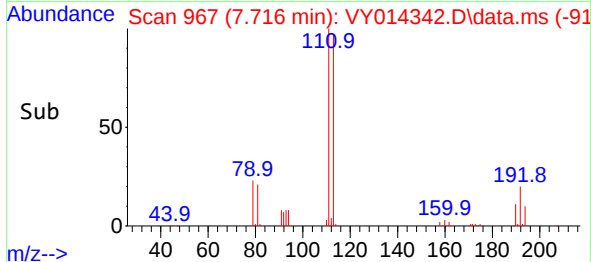
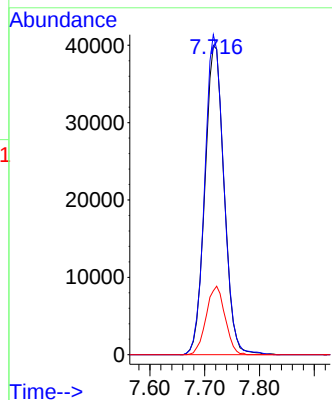
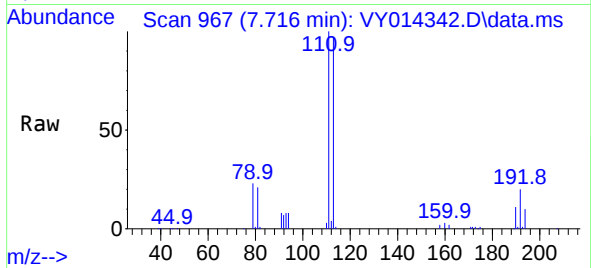




#35
Dibromofluoromethane
Concen: 46.448 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

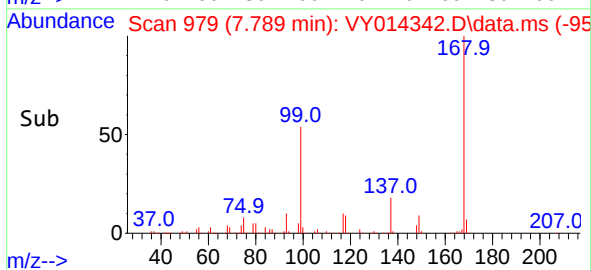
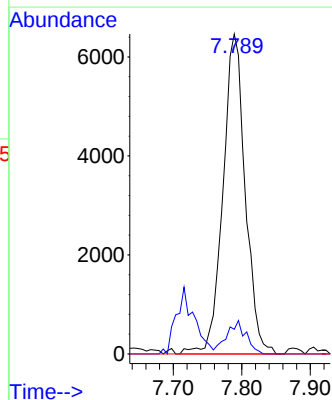
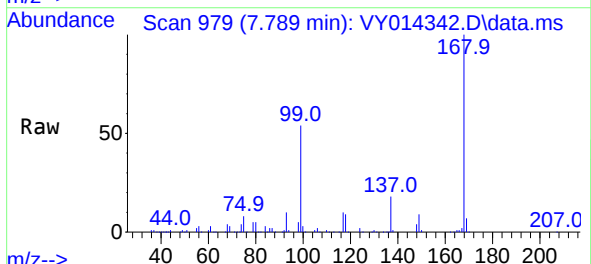
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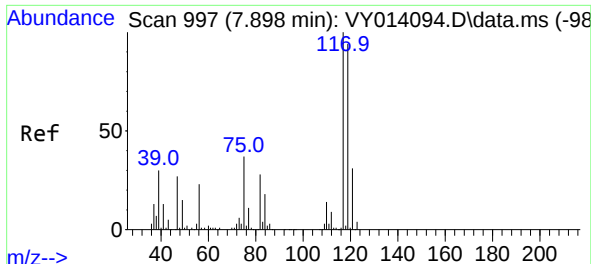
Tgt Ion:113 Resp: 96872
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 21.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 75 Resp: 14598
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#

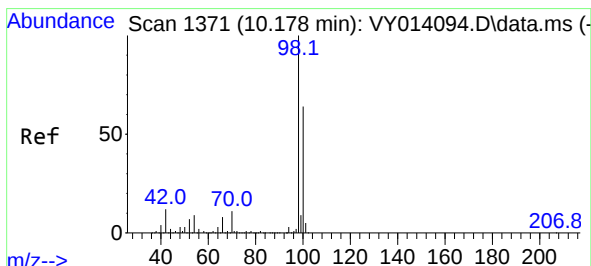
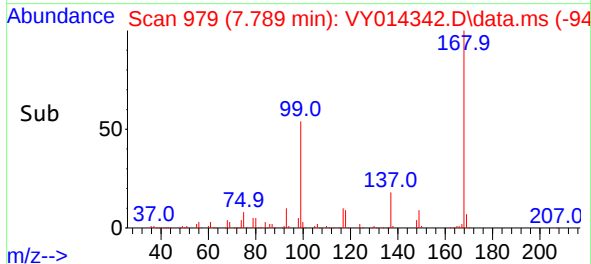
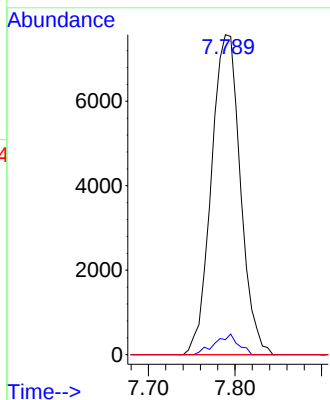
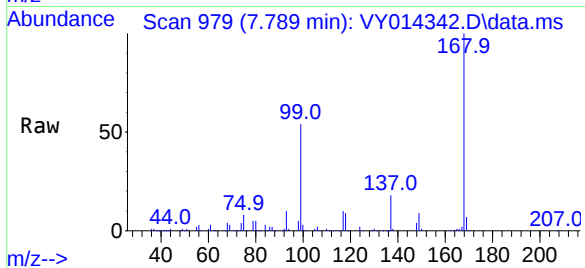




#38
Carbon Tetrachloride
Concen: 4.703 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

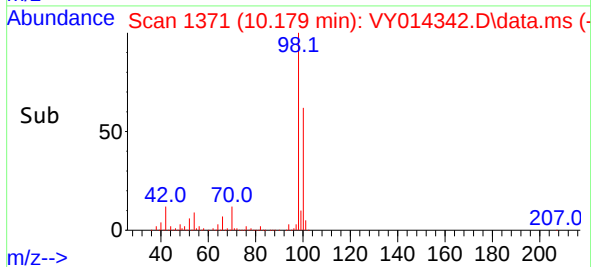
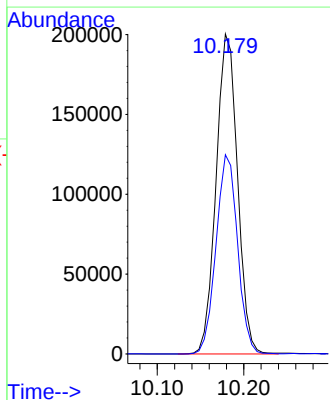
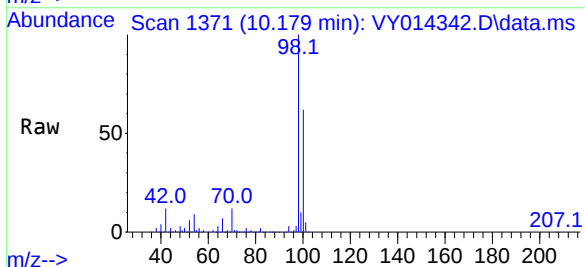
Instrument :
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ClientSampleId :
WC-SCAN-03-G

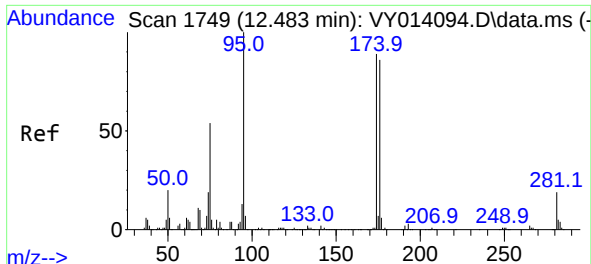
Tgt Ion:117 Resp: 17646
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 44.180 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 98 Resp: 344482
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1

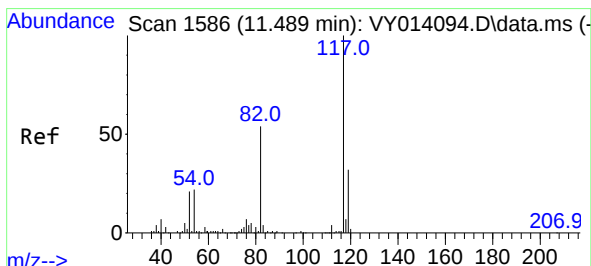
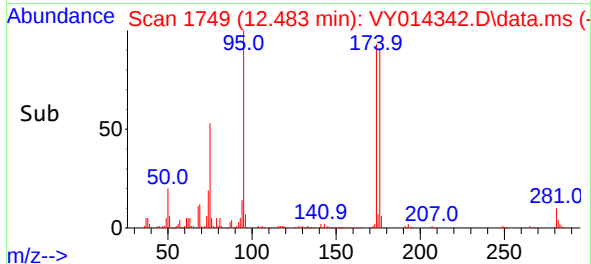
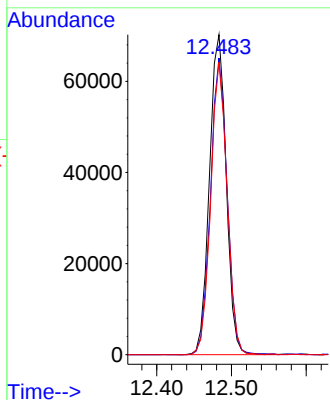
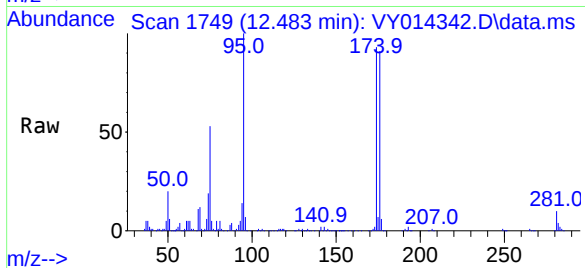




#62
4-Bromofluorobenzene
Concen: 39.573 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

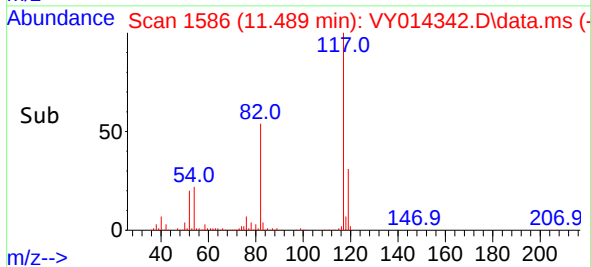
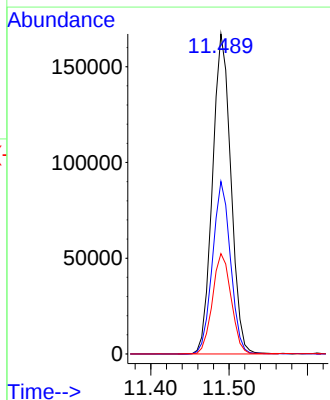
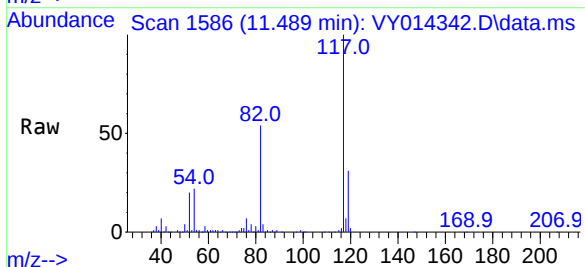
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

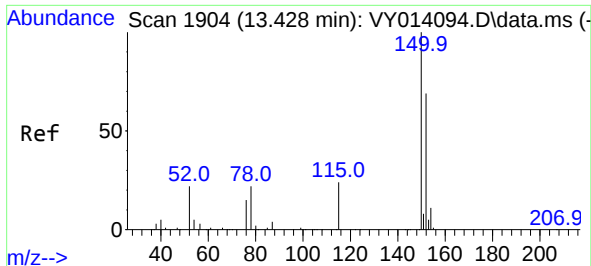
Tgt Ion: 95 Resp: 109609
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 89.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 117 Resp: 272575
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.3 26.3 39.5

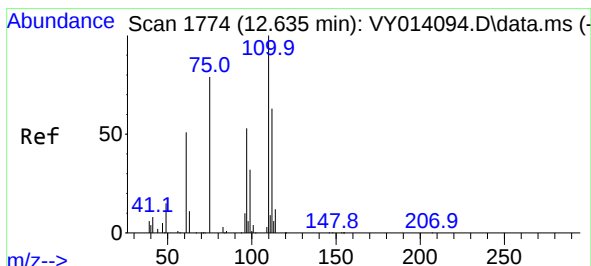
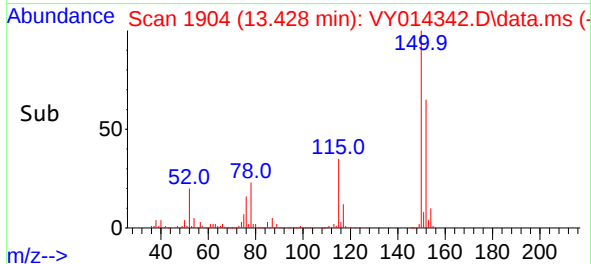
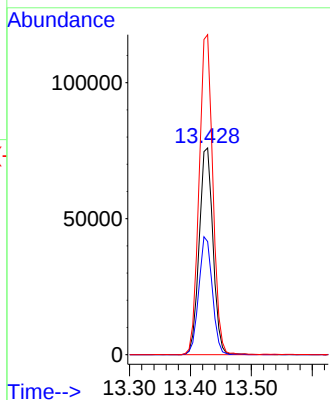
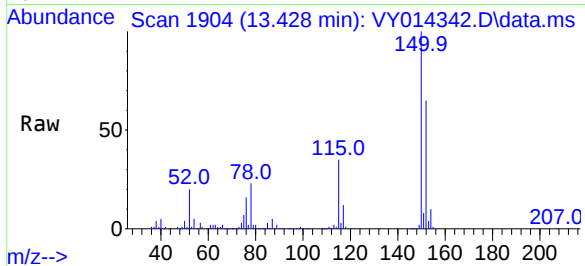




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

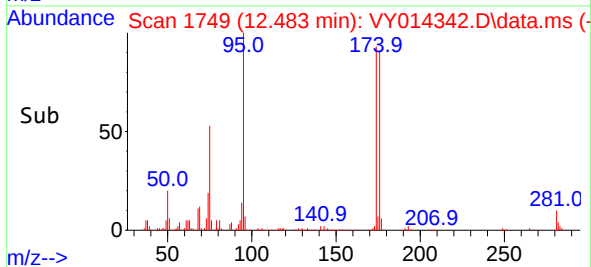
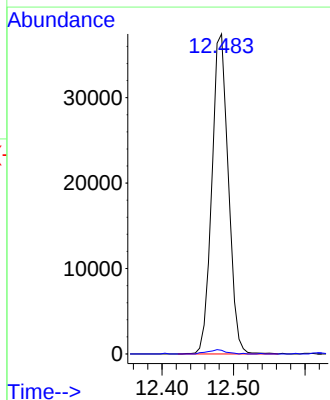
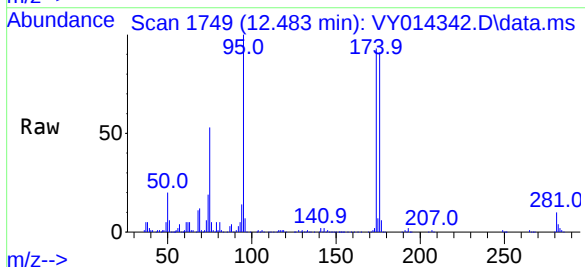
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-03-G

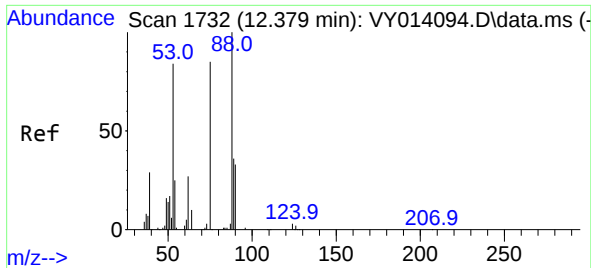
Tgt Ion:152 Resp: 119556
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 154.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 38.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014342.D
Acq: 21 Jun 2023 17:41

Tgt Ion: 75 Resp: 59928
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.587 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014342.D
 Acq: 21 Jun 2023 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-03-G

Tgt Ion: 75 Resp: 59928
 Ion Ratio Lower Upper
 75 100
 53 1.1 77.8 116.8#
 89 0.0 37.4 56.0#

