

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014341.D
 Acq On : 21 Jun 2023 17:18
 Operator : KP/MD
 Sample : 03357-09
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-02-G

Quant Time: Jun 22 01:58:08 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)

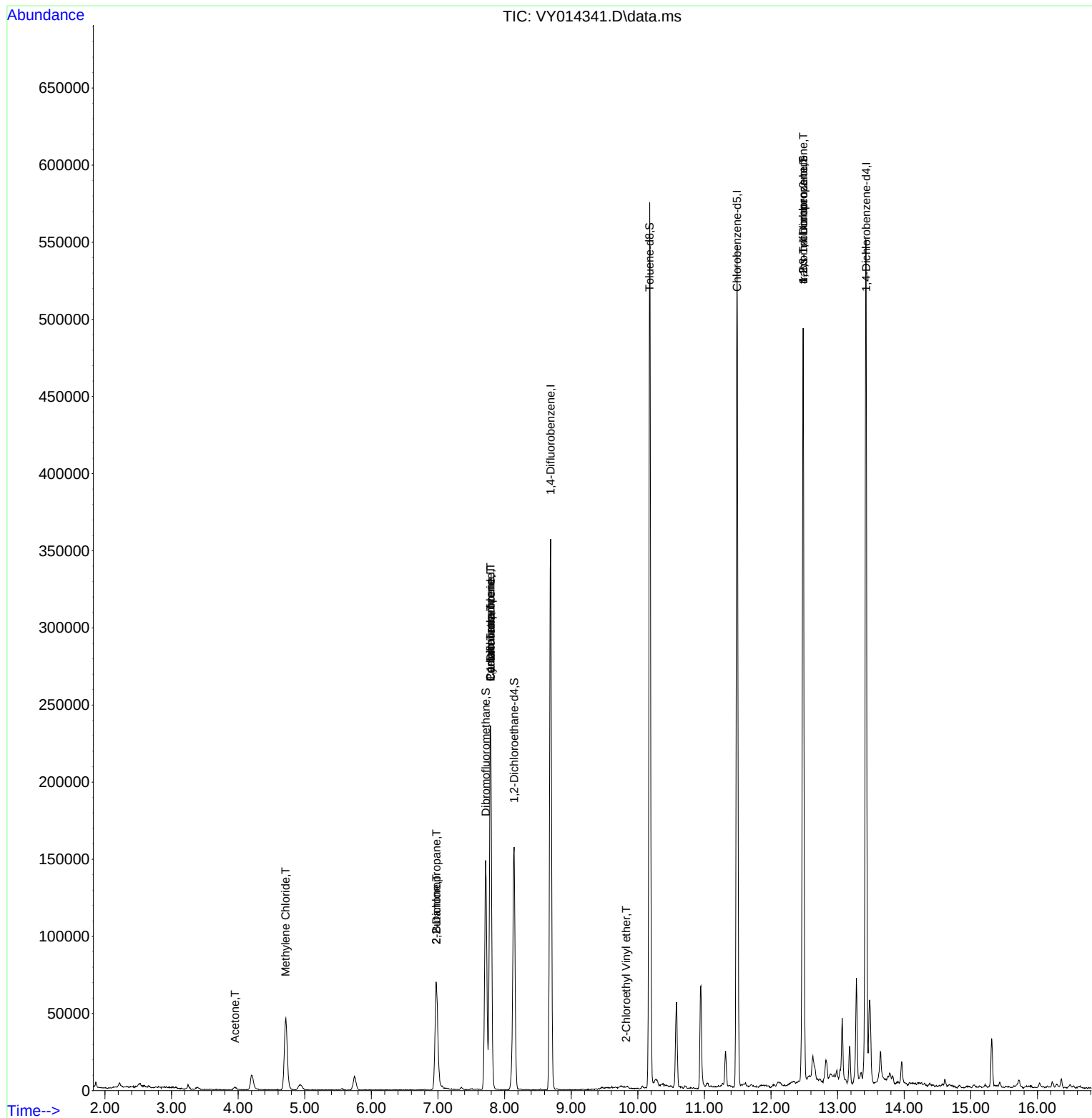
Internal Standards						
1) Pentafluorobenzene	7.789	168	187104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127463	48.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.840%		
35) Dibromofluoromethane	7.716	113	98560	46.322	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.640%		
50) Toluene-d8	10.179	98	362964	45.629	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.260%		
62) 4-Bromofluorobenzene	12.483	95	125161	44.293	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.580%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	5076	Below Cal	#	90
16) Acetone	3.954	43	3197	4.071	ug/l #	78
20) Methylene Chloride	4.710	84	34172	10.820	ug/l	94
25) 2-Butanone	6.978	43	3926	4.061	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	5139	1.280	ug/l #	54
31) Cyclohexane	7.789	56	4234	1.213	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	14561	4.390	ug/l #	52
38) Carbon Tetrachloride	7.789	117	19192	5.014	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.825	63	24	28.636	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	70475	37.203	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70475	80.418	ug/l #	11

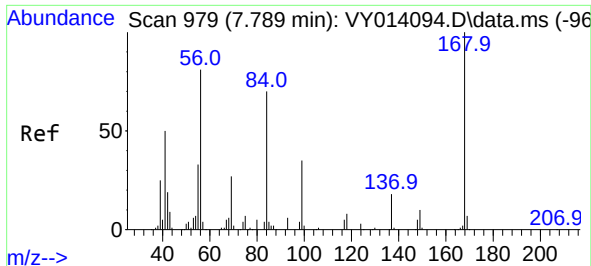
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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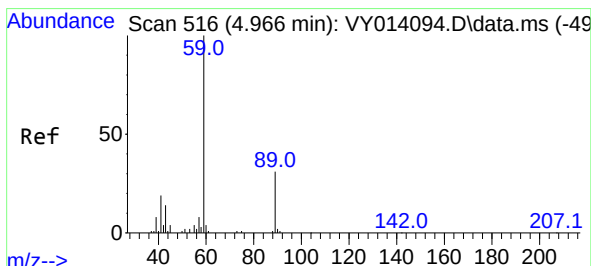
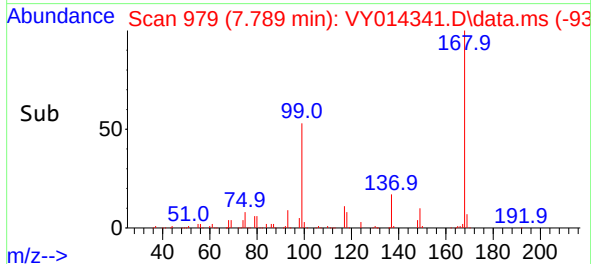
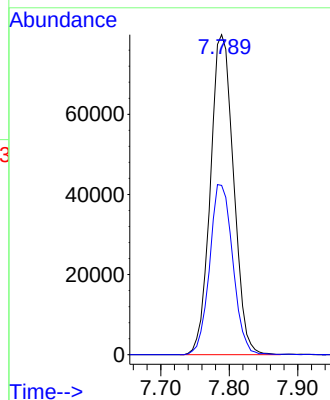
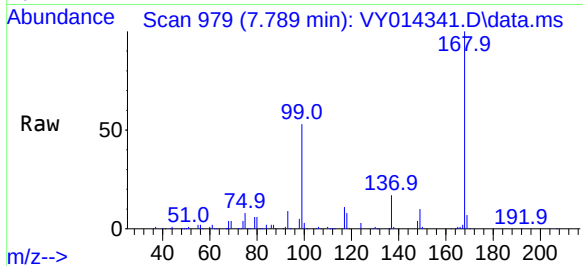




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

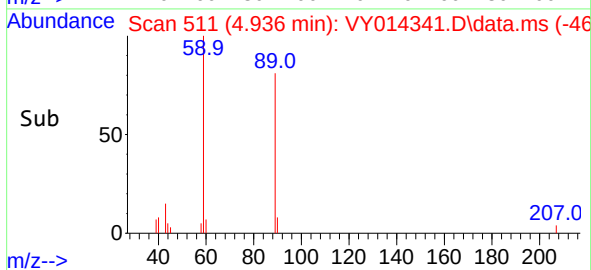
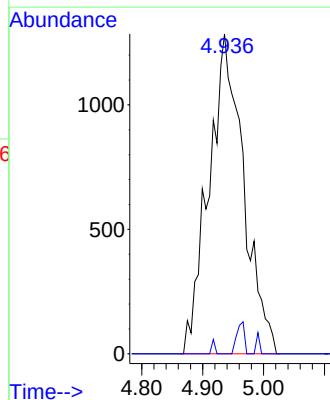
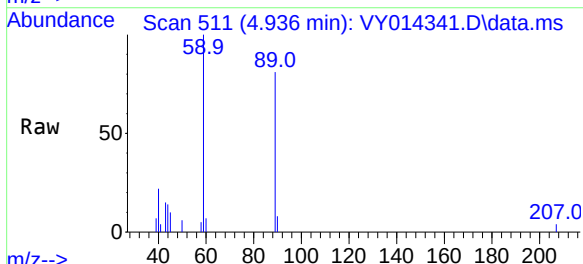
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-02-G

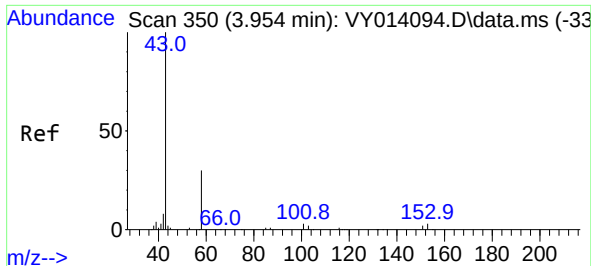
Tgt Ion:168 Resp: 187104
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 59 Resp: 5076
Ion Ratio Lower Upper
59 100
57 0.4 3.0 4.4#





#16

Acetone

Concen: 4.071 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY014341.D

Acq: 21 Jun 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

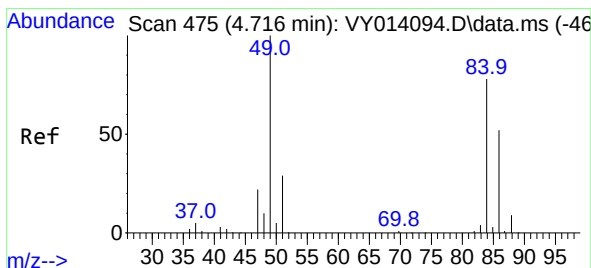
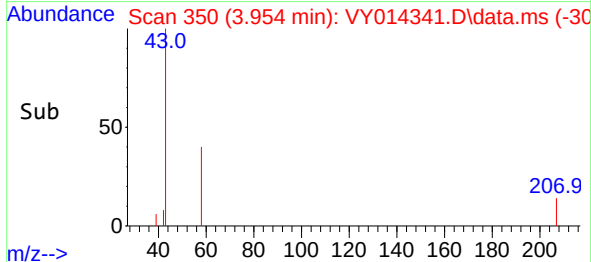
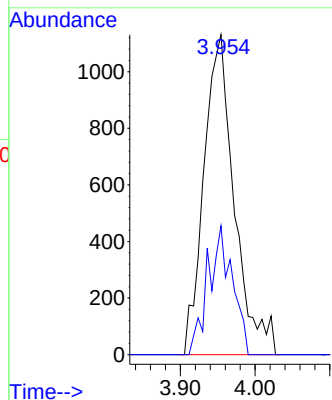
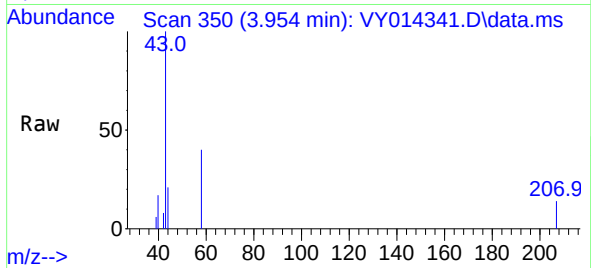
WC-SCAN-02-G

Tgt Ion: 43 Resp: 3197

Ion Ratio Lower Upper

43 100

58 40.2 22.7 34.1#



#20

Methylene Chloride

Concen: 10.820 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY014341.D

Acq: 21 Jun 2023 17:18

Tgt Ion: 84 Resp: 34172

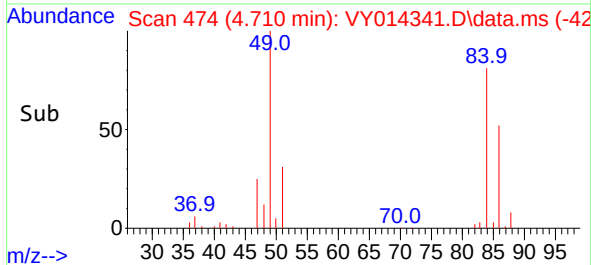
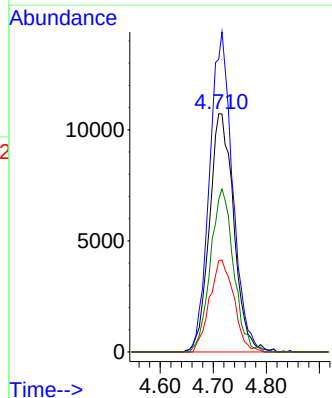
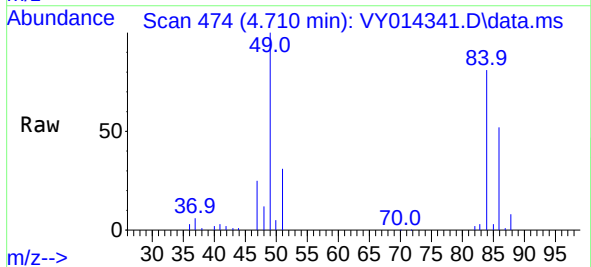
Ion Ratio Lower Upper

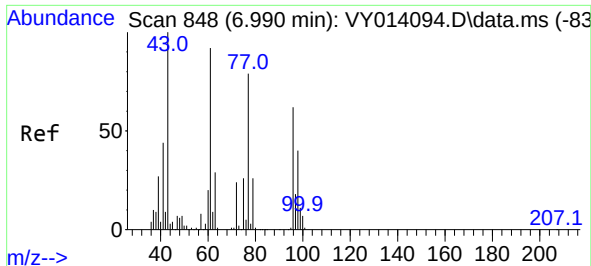
84 100

49 122.9 106.9 160.3

51 38.3 33.2 49.8

86 64.0 51.0 76.6





#25

2-Butanone

Concen: 4.061 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY014341.D

Acq: 21 Jun 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

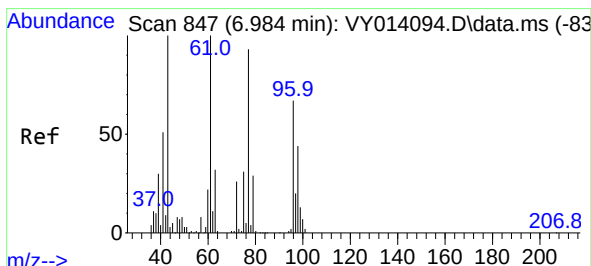
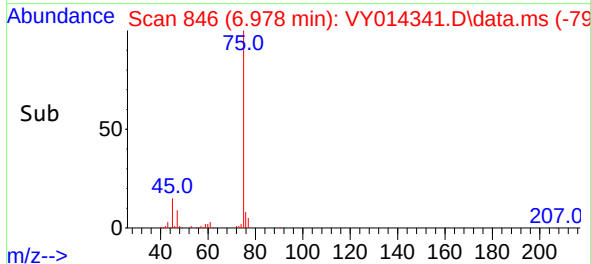
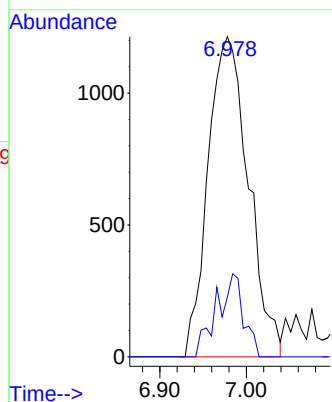
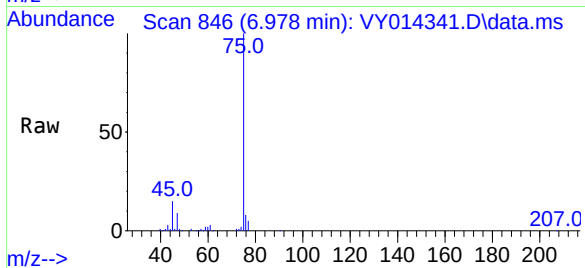
WC-SCAN-02-G

Tgt Ion: 43 Resp: 3926

Ion Ratio Lower Upper

43 100

72 18.7 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.280 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014341.D

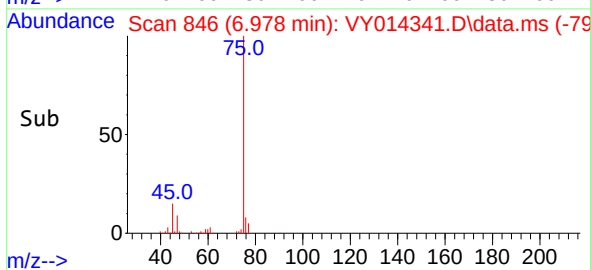
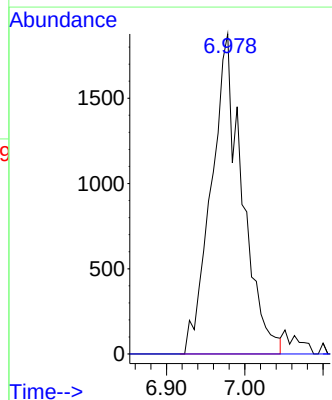
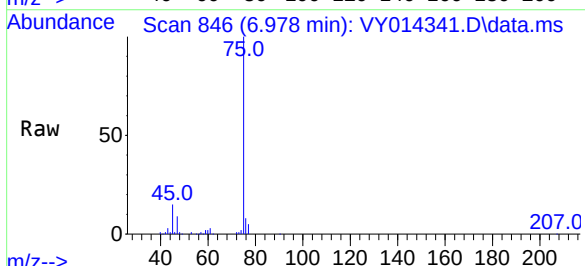
Acq: 21 Jun 2023 17:18

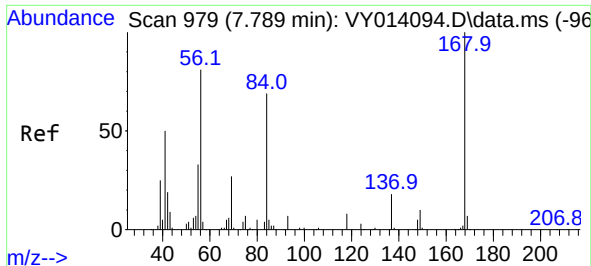
Tgt Ion: 77 Resp: 5139

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

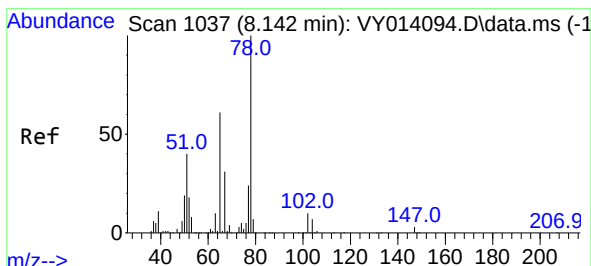
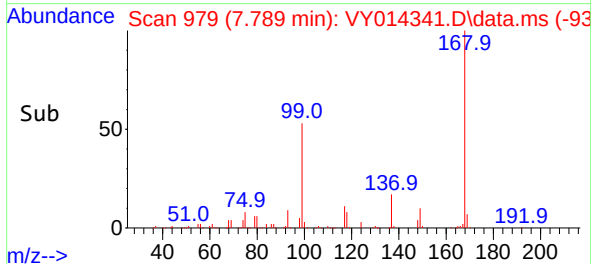
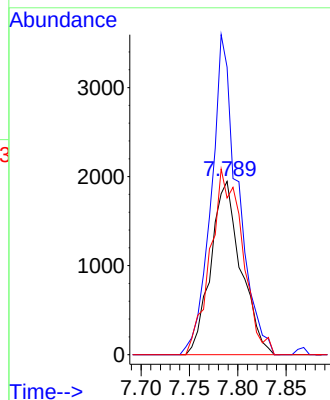
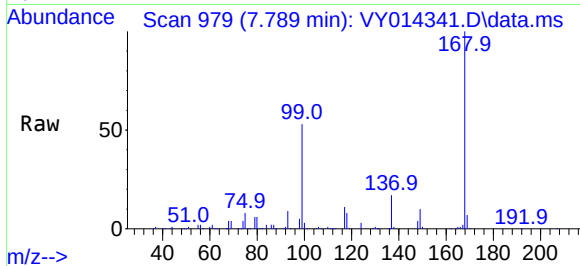




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

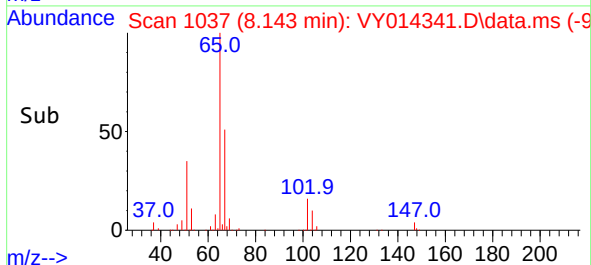
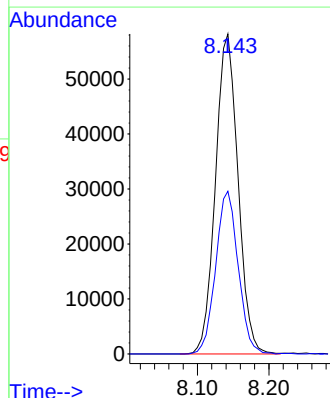
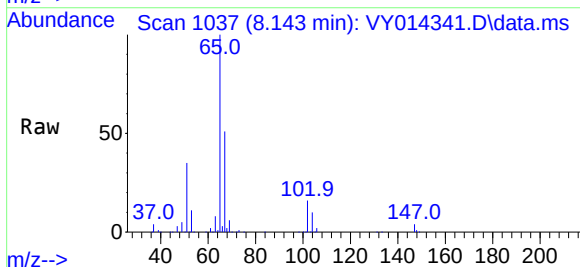
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-02-G

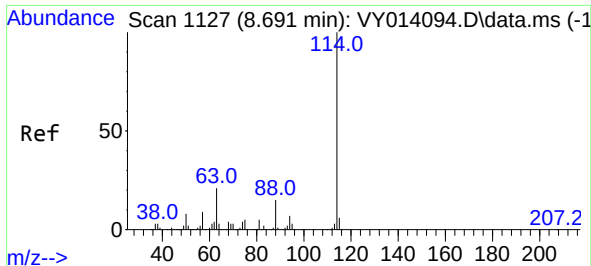
Tgt Ion: 56 Resp: 4234
Ion Ratio Lower Upper
56 100
69 165.8 27.8 41.6#
84 90.3 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 48.922 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 65 Resp: 127463
Ion Ratio Lower Upper
65 100
67 50.7 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: VY014341.D

Acq: 21 Jun 2023 17:18

Instrument :

MSVOA_Y

ClientSampleId :

WC-SCAN-02-G

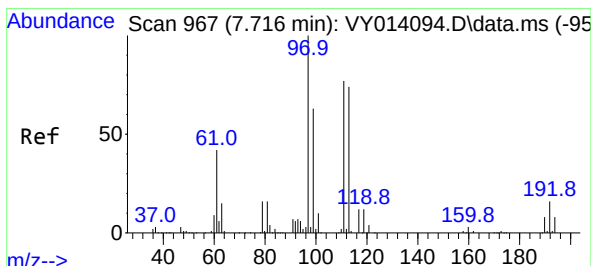
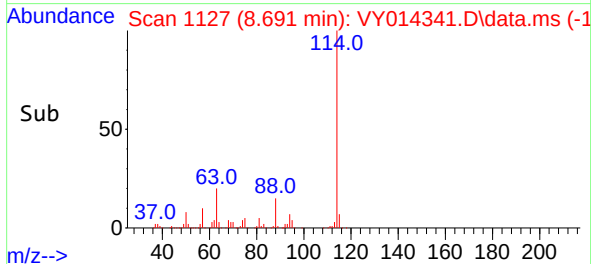
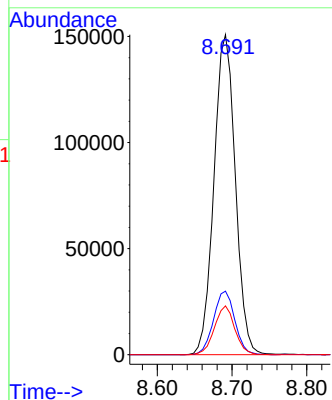
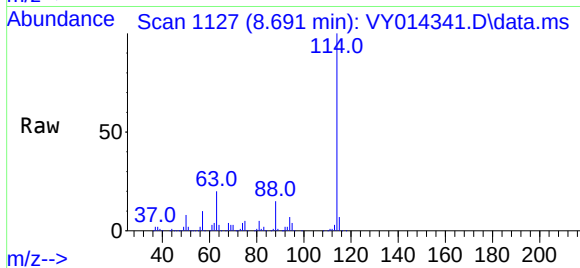
Tgt Ion:114 Resp: 300027

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.322 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014341.D

Acq: 21 Jun 2023 17:18

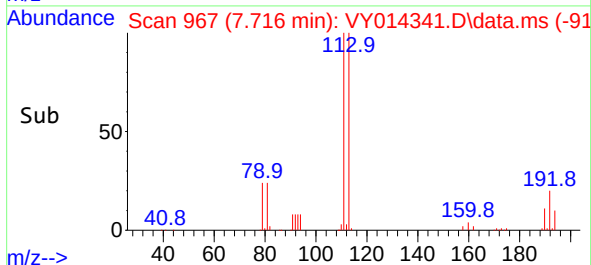
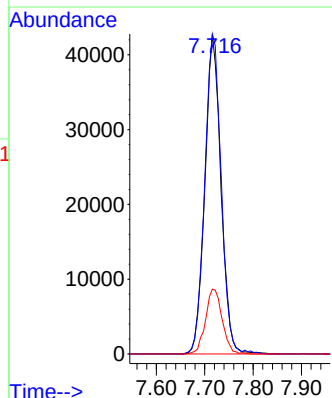
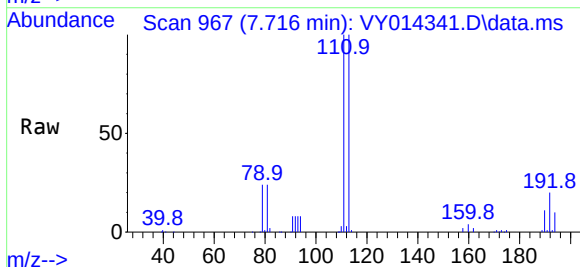
Tgt Ion:113 Resp: 98560

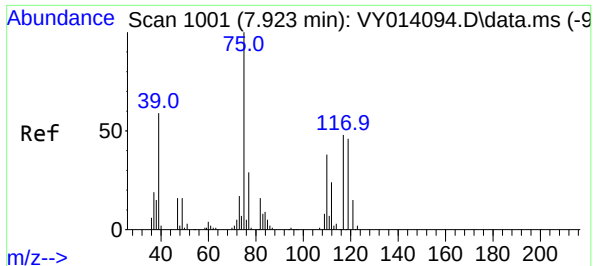
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 21.1 16.9 25.3

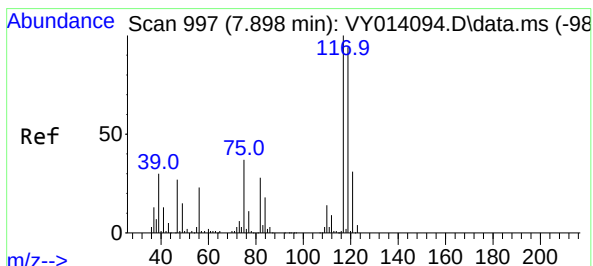
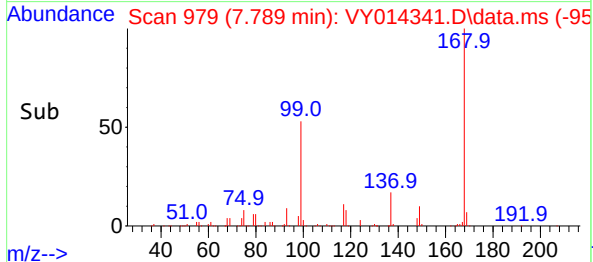
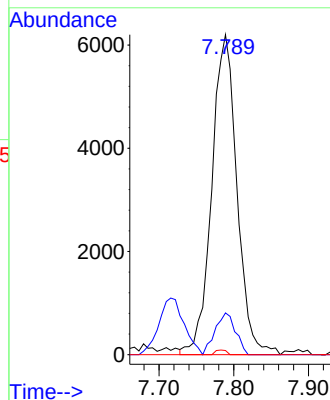
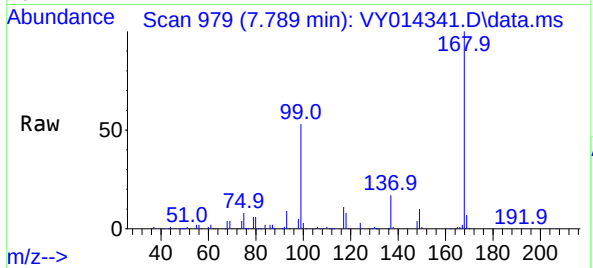




#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.134 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

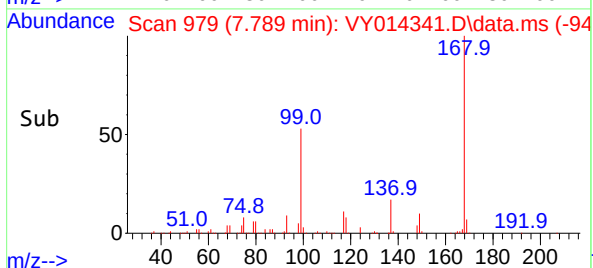
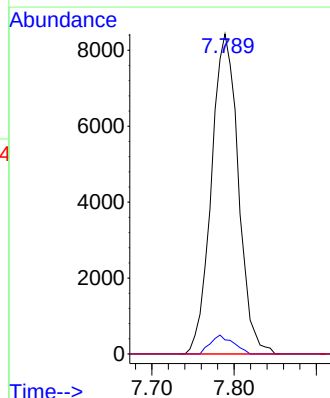
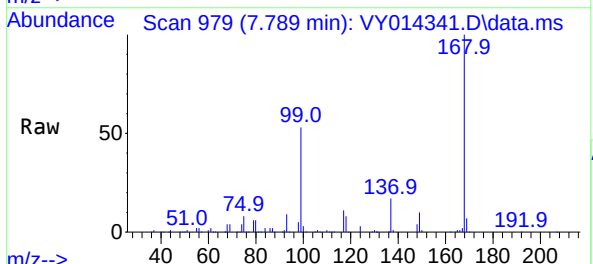
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-02-G

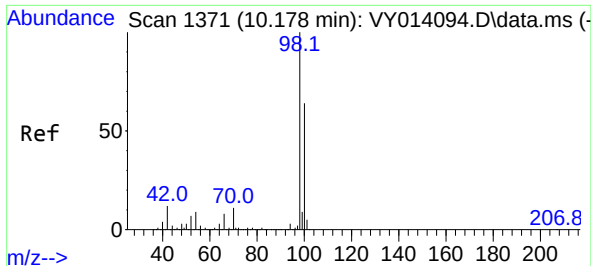
Tgt Ion: 75 Resp: 14561
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.5#
77 0.6 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.014 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 117 Resp: 19192
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

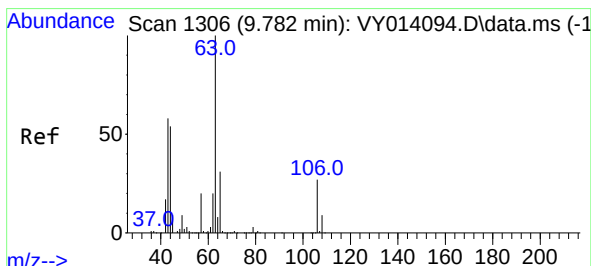
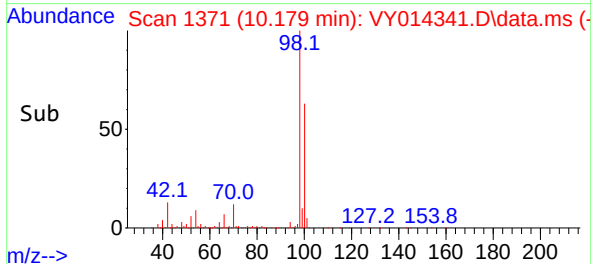
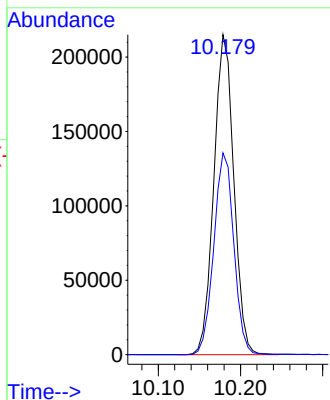
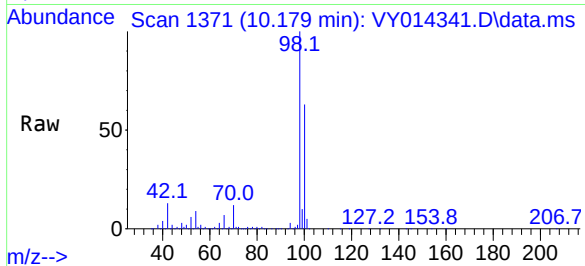




#50
Toluene-d8
Concen: 45.629 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

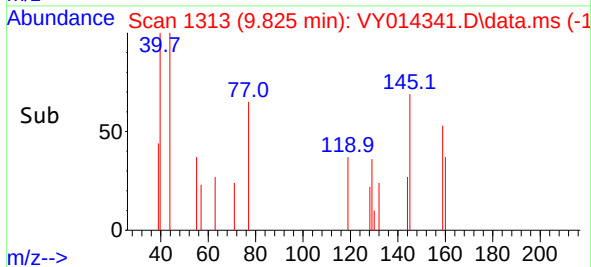
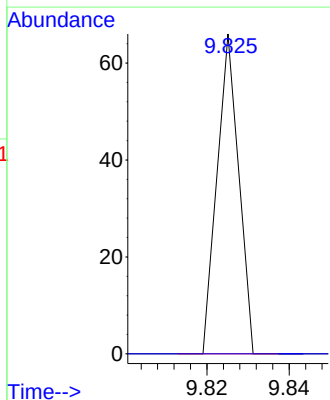
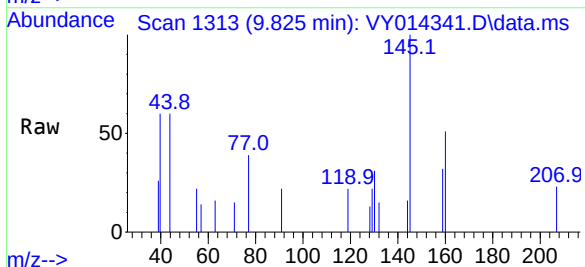
Instrument :
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WC-SCAN-02-G

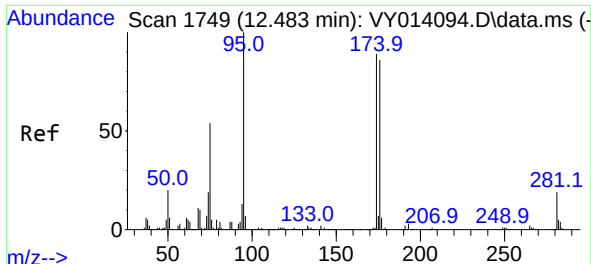
Tgt Ion: 98 Resp: 362964
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#58
2-Chloroethyl Vinyl ether
Concen: 28.636 ug/l
RT: 9.825 min Scan# 1313
Delta R.T. 0.043 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

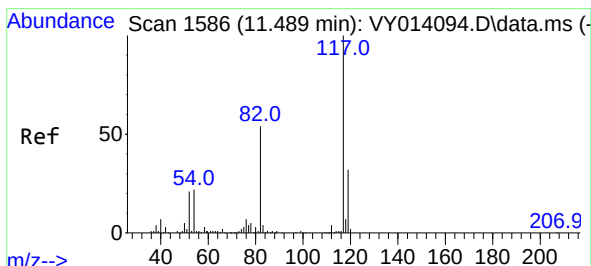
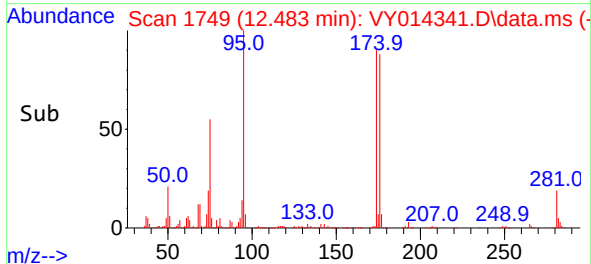
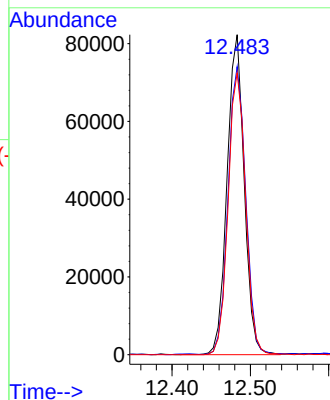
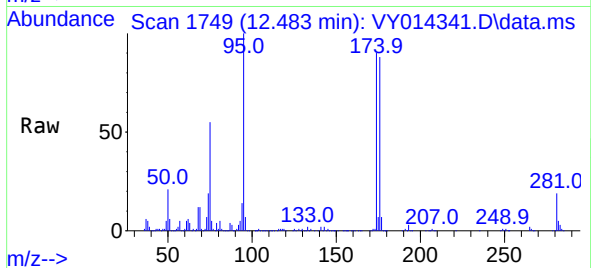




#62
4-Bromofluorobenzene
Concen: 44.293 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

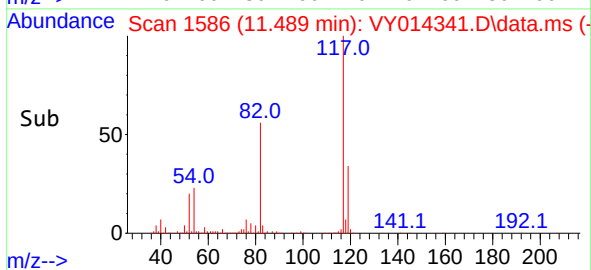
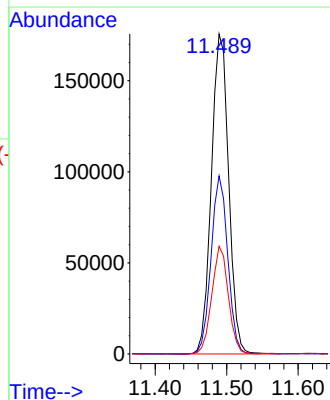
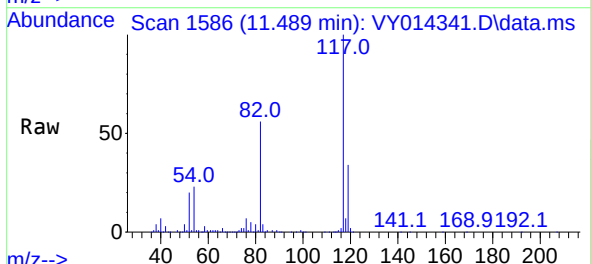
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-02-G

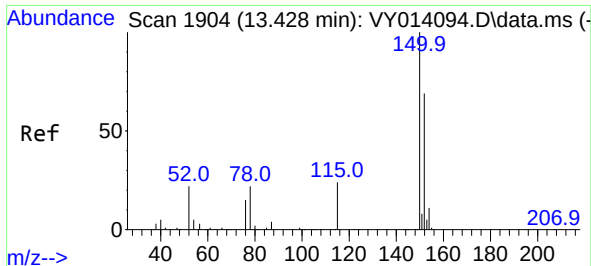
Tgt Ion: 95 Resp: 125161
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 89.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 117 Resp: 294602
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 33.6 26.3 39.5

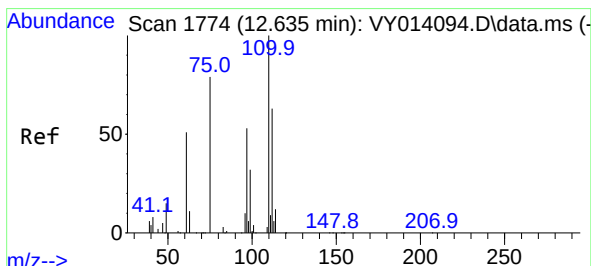
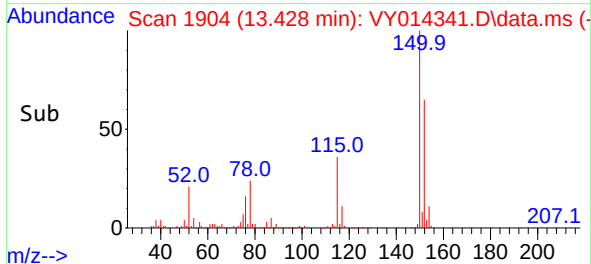
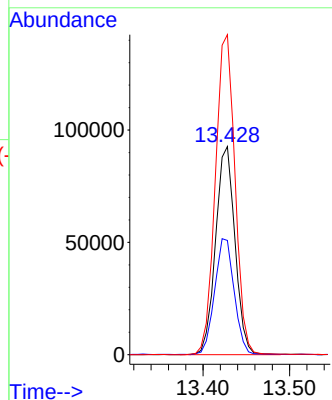
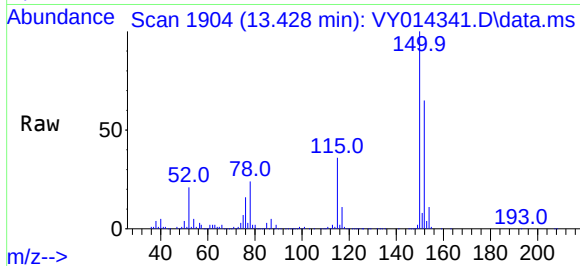




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

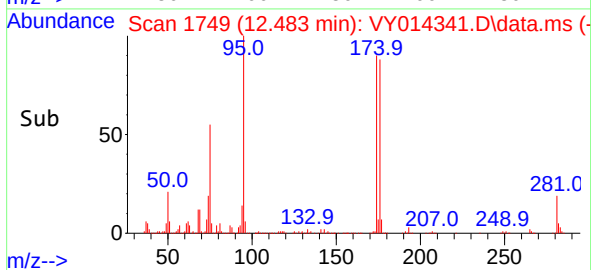
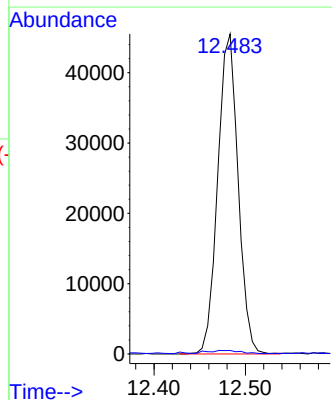
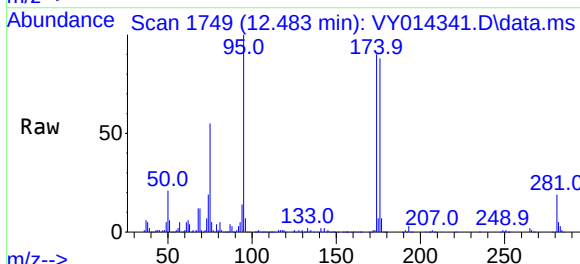
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAN-02-G

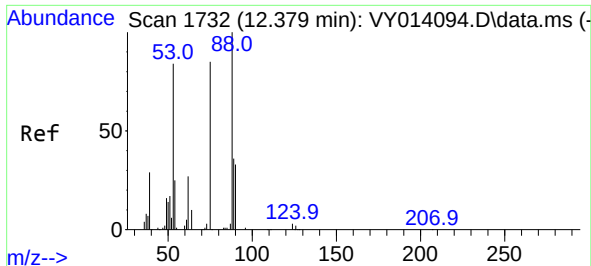
Tgt Ion:152 Resp: 144388
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 155.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 37.203 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014341.D
Acq: 21 Jun 2023 17:18

Tgt Ion: 75 Resp: 70475
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.418 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014341.D
 Acq: 21 Jun 2023 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAN-02-G

Tgt Ion: 75 Resp: 70475
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

