

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014100.D
 Acq On : 09 Jun 2023 17:25
 Operator : KP/MD
 Sample : 03071-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Jun 09 18:11:06 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)

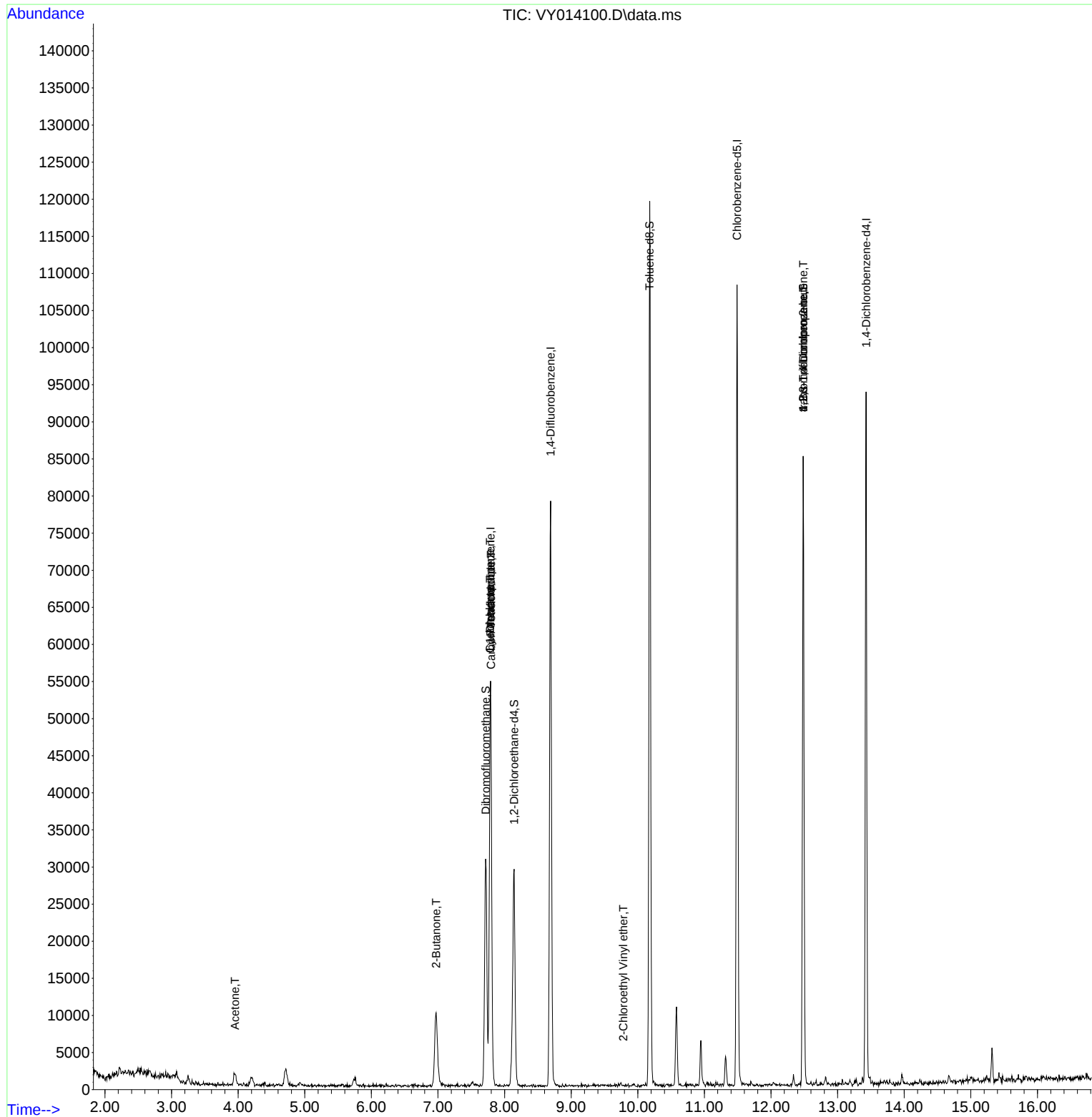
Internal Standards						
1) Pentafluorobenzene	7.789	168	43903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	57842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22497	36.799	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	73.600%		
35) Dibromofluoromethane	7.716	113	21113	44.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.900%		
50) Toluene-d8	10.179	98	78182	44.028	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.060%		
62) 4-Bromofluorobenzene	12.483	95	21608	34.255	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	68.500%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	46	Below Cal	#	89
16) Acetone	3.954	43	2929	15.894	ug/l	98
20) Methylene Chloride	4.722	84	1507	Below Cal	#	81
25) 2-Butanone	6.972	43	612	2.698	ug/l	# 49
31) Cyclohexane	7.783	56	1136	1.387	ug/l	# 61
36) 1,1-Dichloropropene	7.783	75	3318	4.481	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	4280	5.009	ug/l	# 18
58) 2-Chloroethyl Vinyl ether	9.782	63	18	28.676	ug/l	# 48
76) 1,2,3-Trichloropropane	12.483	75	11502	35.982	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	11502	77.778	ug/l	# 11

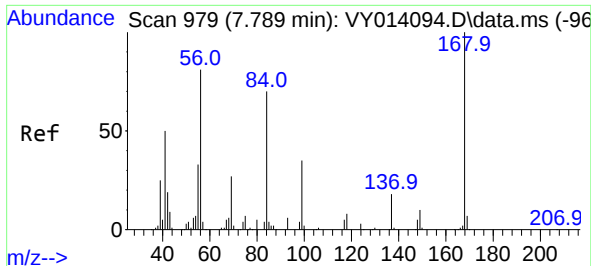
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

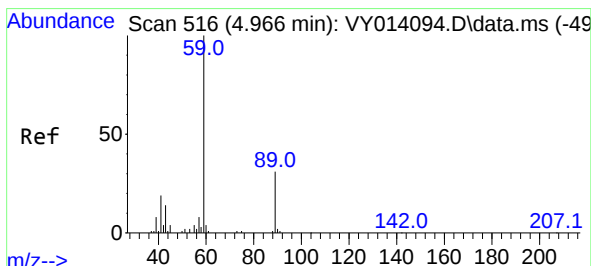
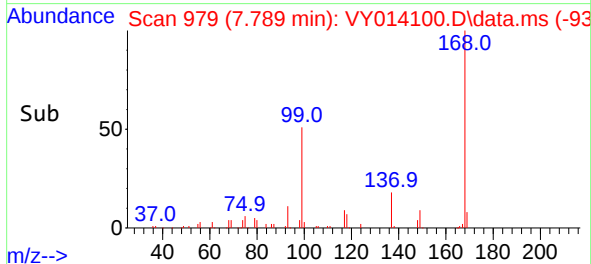
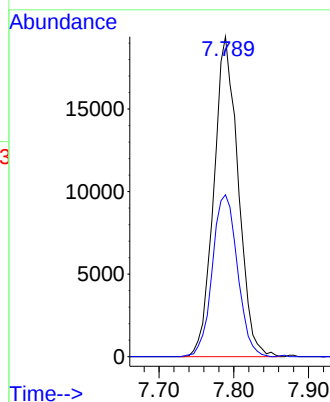
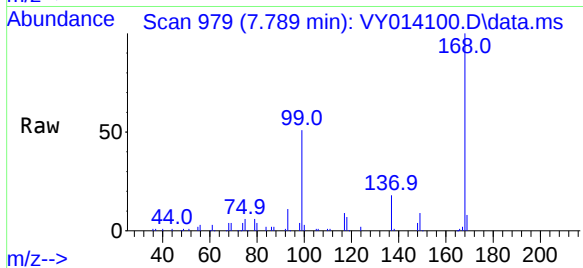




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

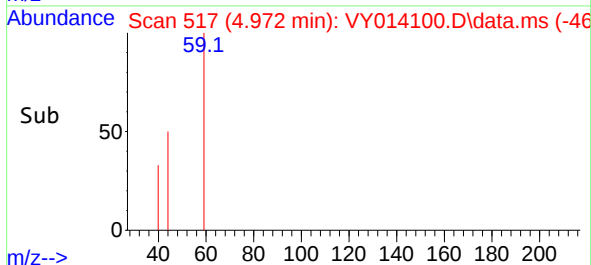
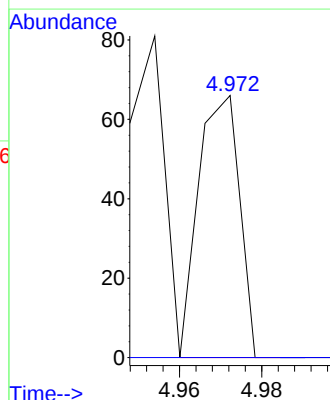
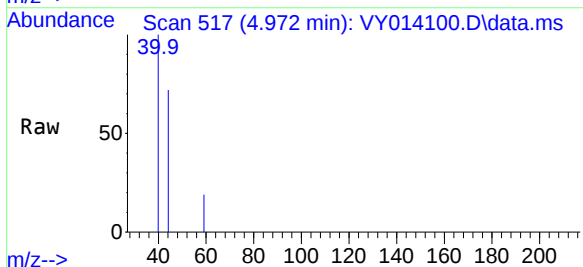
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

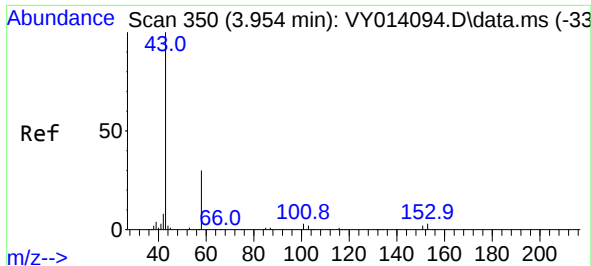
Tgt Ion:168 Resp: 43903
Ion Ratio Lower Upper
168 100
99 50.6 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

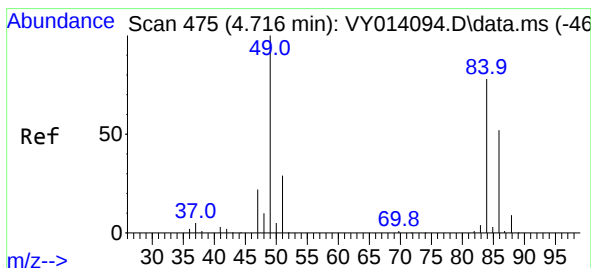
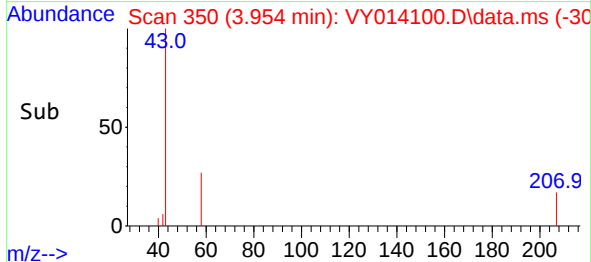
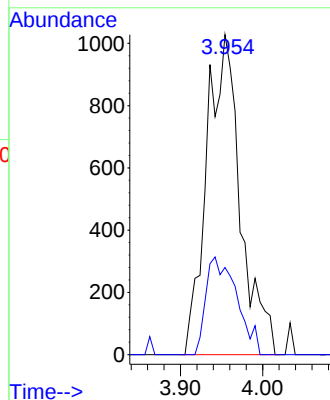
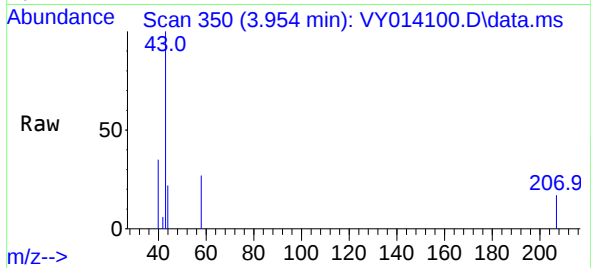




#16
Acetone
Concen: 15.894 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

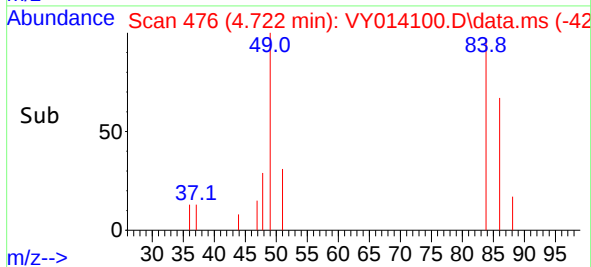
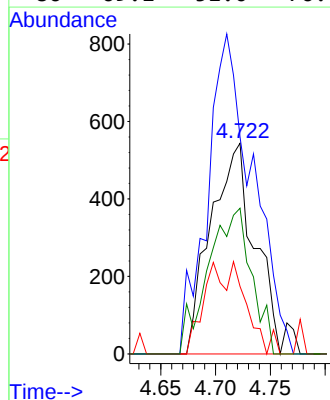
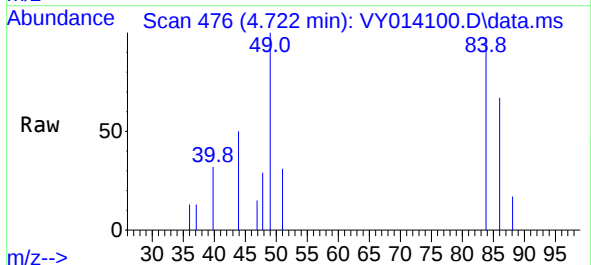
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

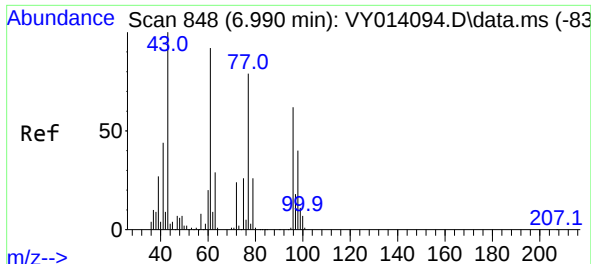
Tgt Ion: 43 Resp: 2929
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 84 Resp: 1507
Ion Ratio Lower Upper
84 100
49 102.9 106.9 160.3#
51 32.0 33.2 49.8#
86 69.1 51.0 76.6





#25

2-Butanone

Concen: 2.698 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY014100.D

Acq: 09 Jun 2023 17:25

Instrument :

MSVOA_Y

ClientSampleId :

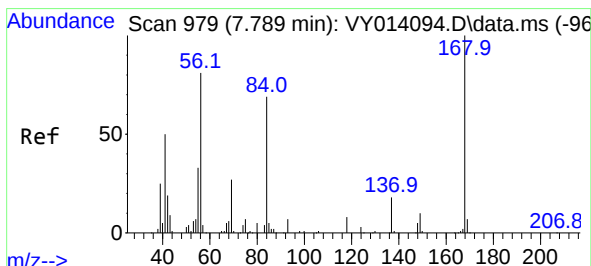
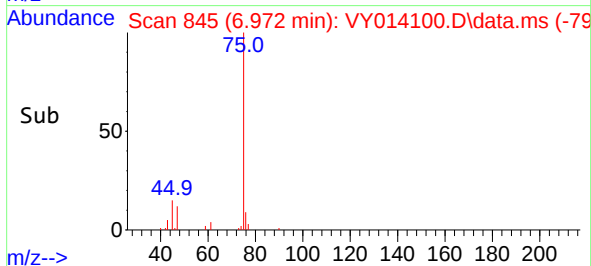
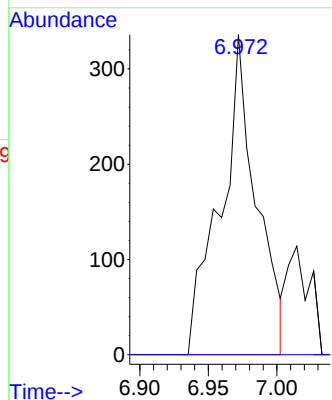
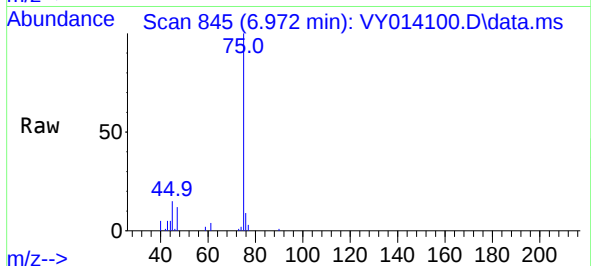
WC-1RE

Tgt Ion: 43 Resp: 612

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.387 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY014100.D

Acq: 09 Jun 2023 17:25

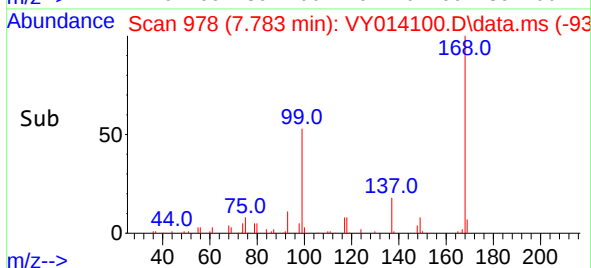
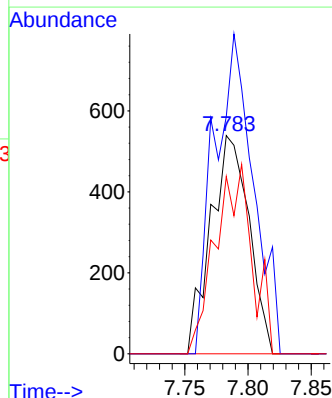
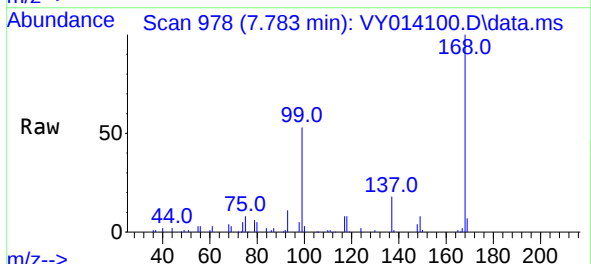
Tgt Ion: 56 Resp: 1136

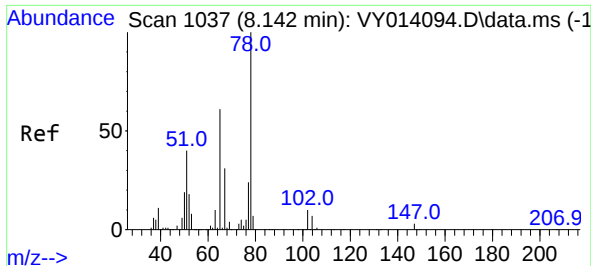
Ion Ratio Lower Upper

56 100

69 108.7 27.8 41.6#

84 81.3 66.4 99.6

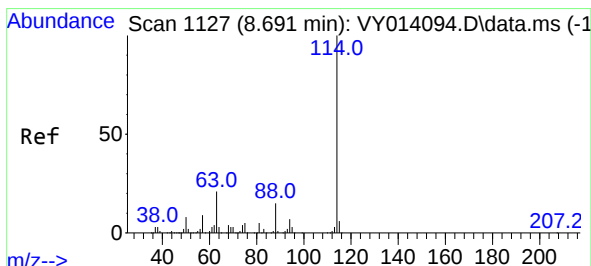
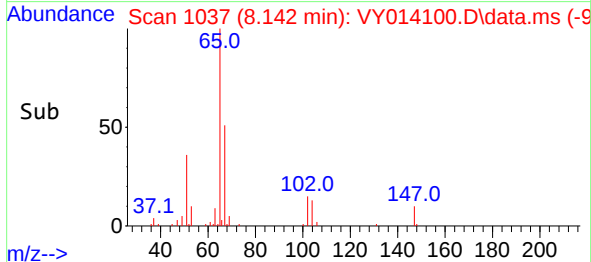
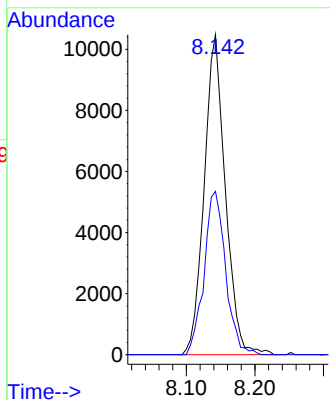
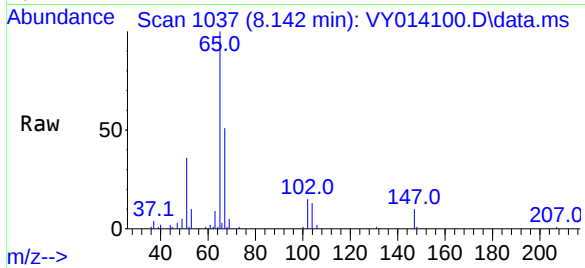




#33
1,2-Dichloroethane-d4
Concen: 36.799 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

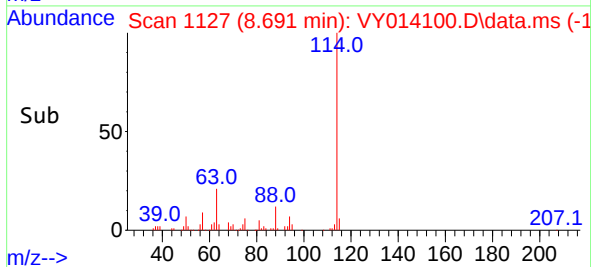
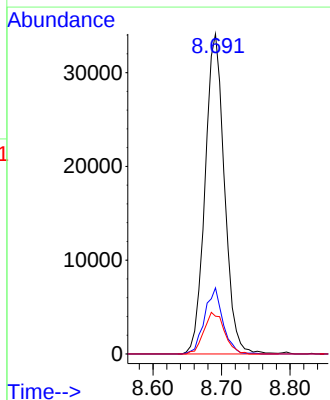
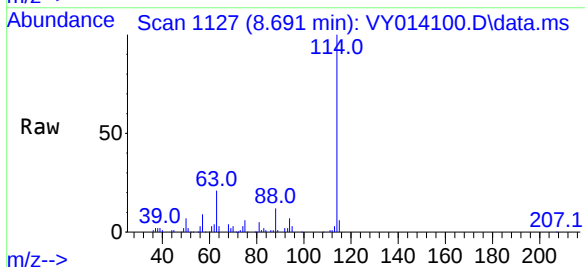
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

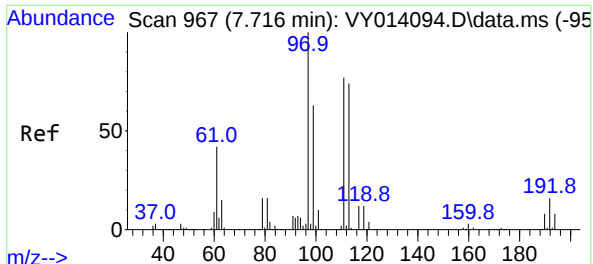
Tgt Ion: 65 Resp: 22497
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 114 Resp: 66976
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 11.8 0.0 30.6

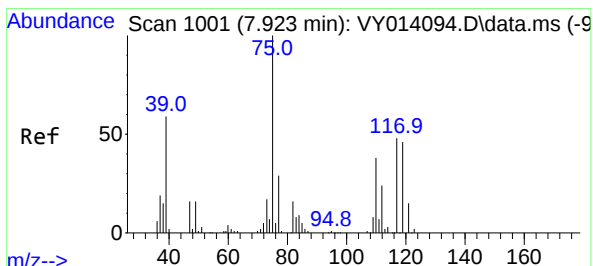
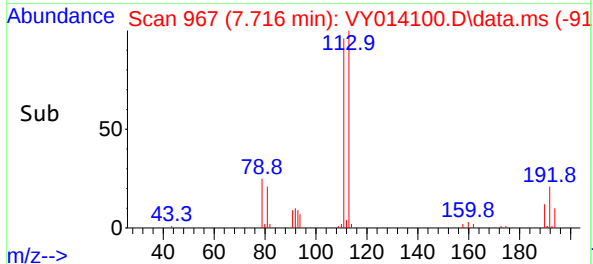
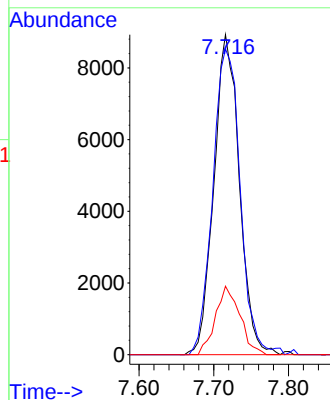
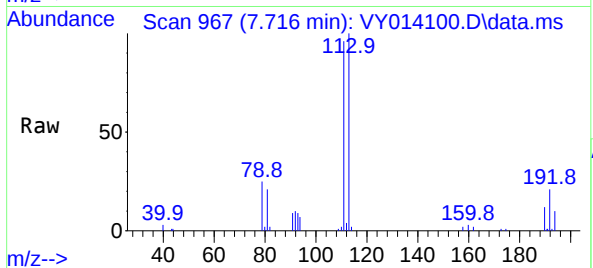




#35
Dibromofluoromethane
Concen: 44.450 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

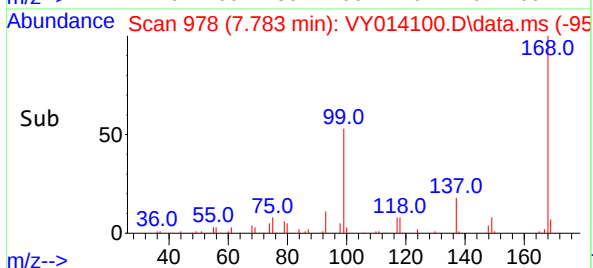
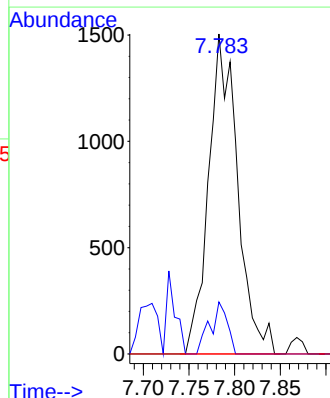
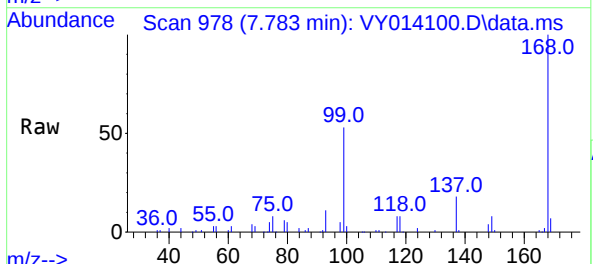
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

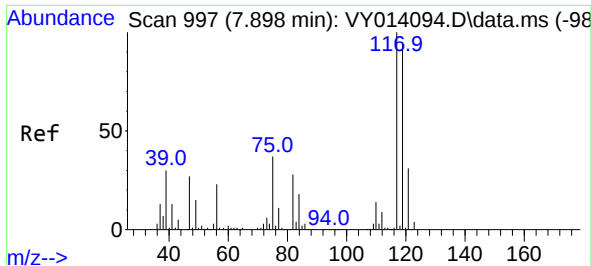
Tgt Ion:113 Resp: 21113
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

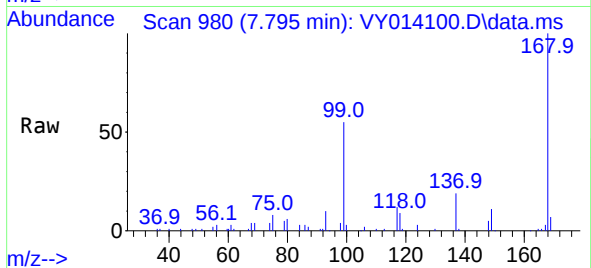
Tgt Ion: 75 Resp: 3318
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



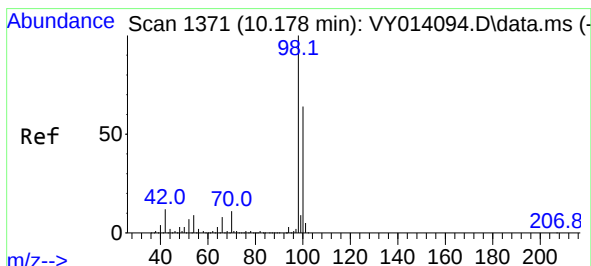
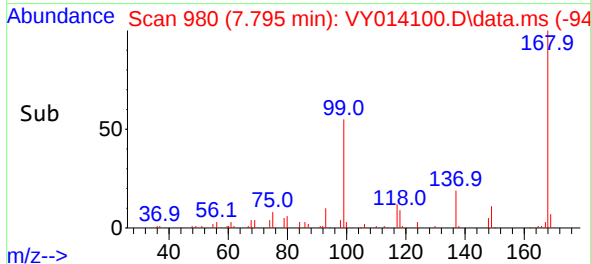
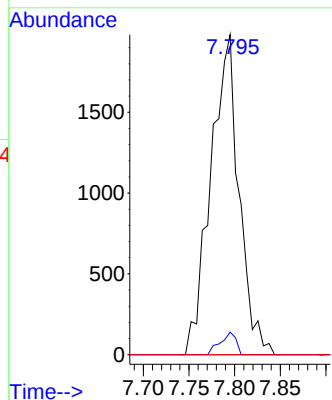


#38
Carbon Tetrachloride
Concen: 5.009 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

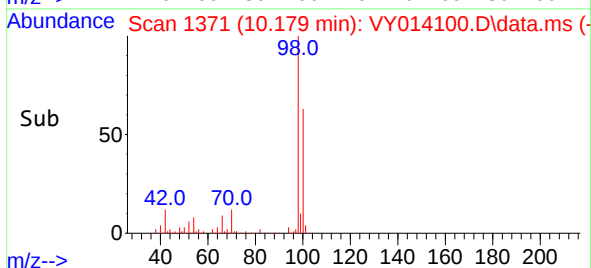
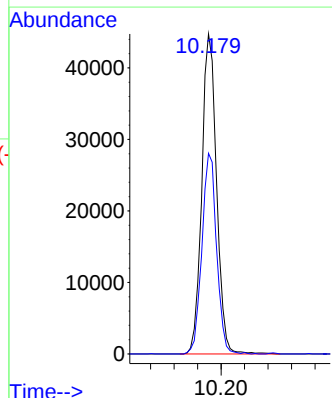
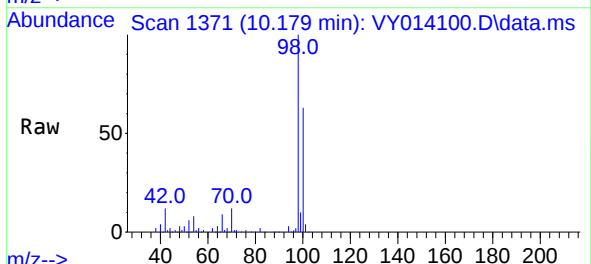


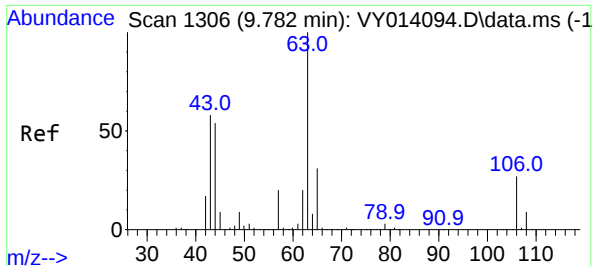
Tgt Ion:117 Resp: 4280
Ion Ratio Lower Upper
117 100
119 7.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 44.028 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 98 Resp: 78182
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

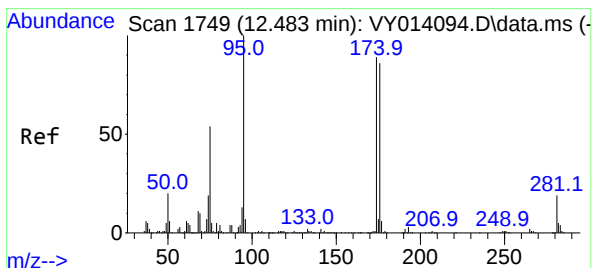
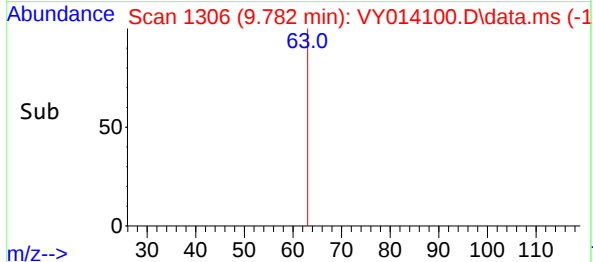
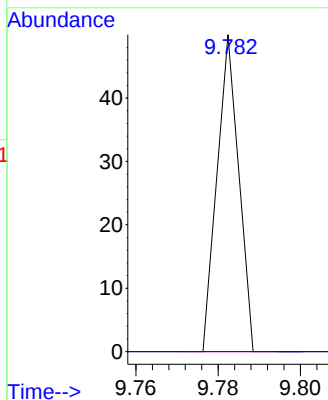
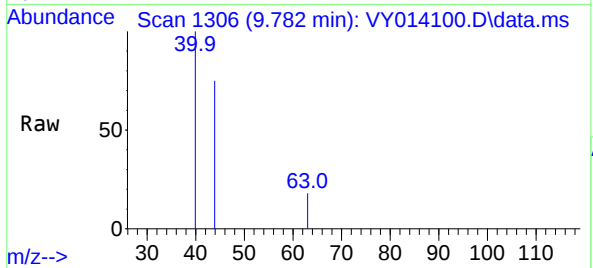




#58
2-Chloroethyl Vinyl ether
Concen: 28.676 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

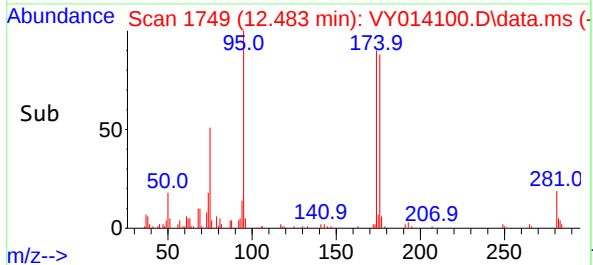
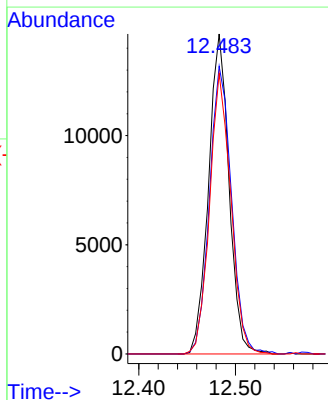
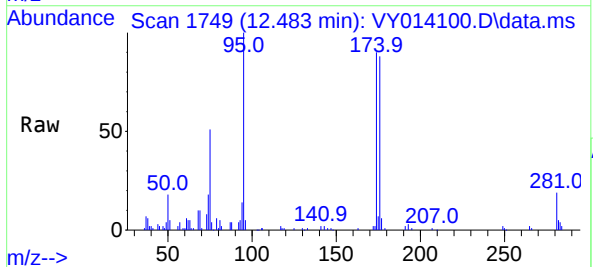
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

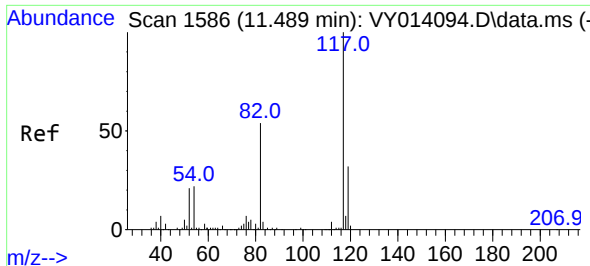
Tgt Ion: 63 Resp: 18
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 34.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 95 Resp: 21608
Ion Ratio Lower Upper
95 100
174 96.4 0.0 178.2
176 90.4 0.0 173.8

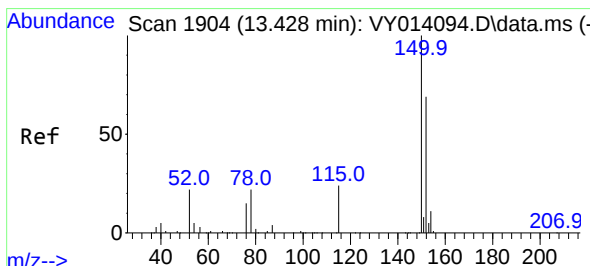
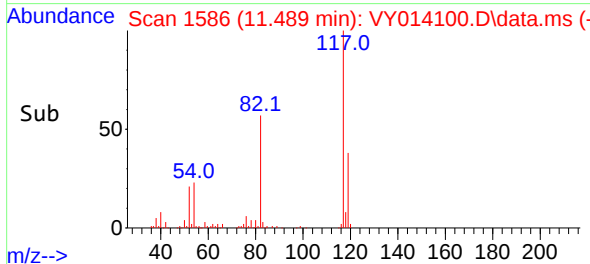
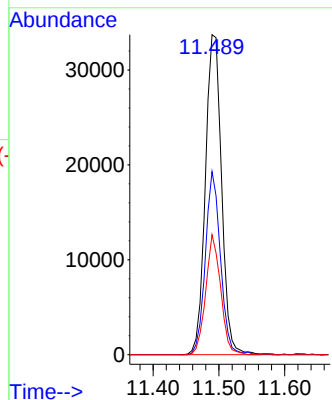
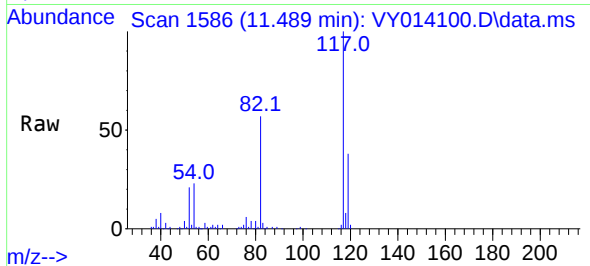




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

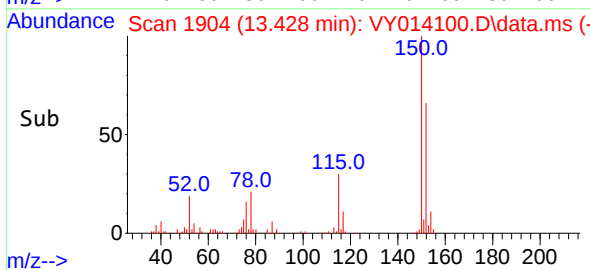
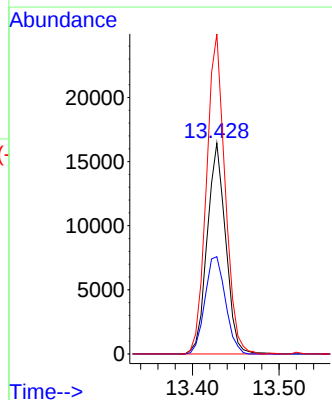
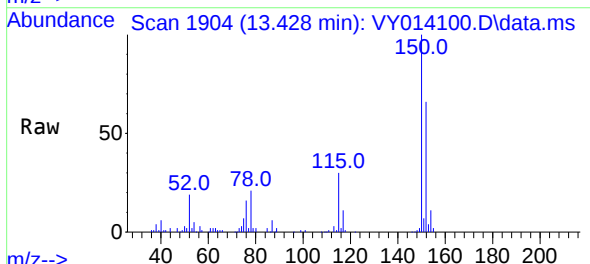
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

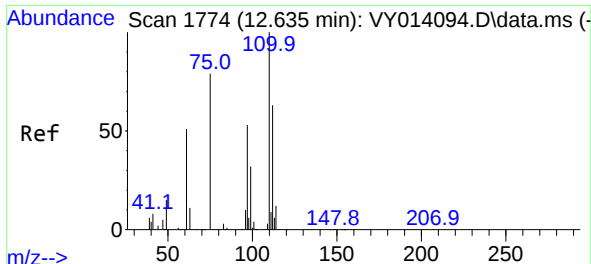
Tgt Ion:	117	Resp:	57842
Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.4	65.0
119	37.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion:	152	Resp:	24365
Ion	Ratio	Lower	Upper
152	100		
115	51.2	28.8	86.5
150	152.5	0.0	348.8

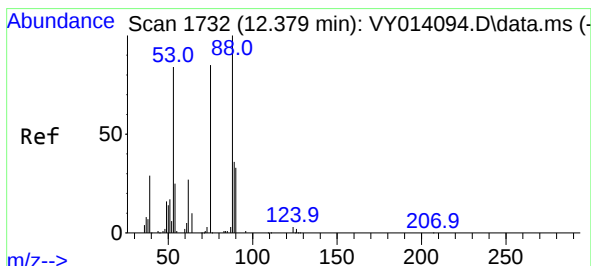
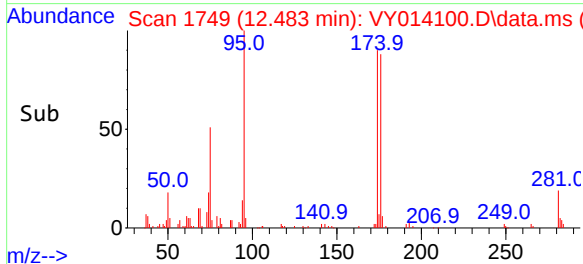
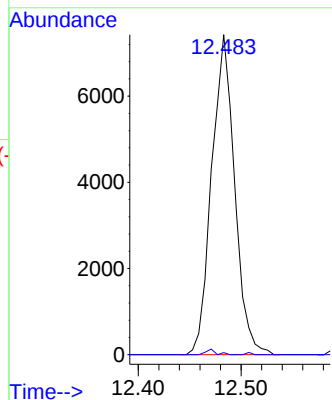
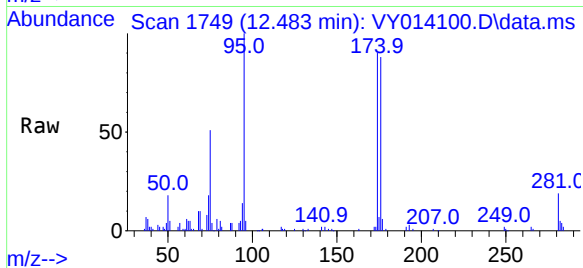




#76
1,2,3-Trichloropropane
Concen: 35.982 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

Tgt Ion: 75 Resp: 11502
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014100.D
Acq: 09 Jun 2023 17:25

Tgt Ion: 75 Resp: 11502
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

