

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014429.D
 Acq On : 26 Jun 2023 13:19
 Operator : KP/MD
 Sample : 03388-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-062223

Quant Time: Jun 27 01:46:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

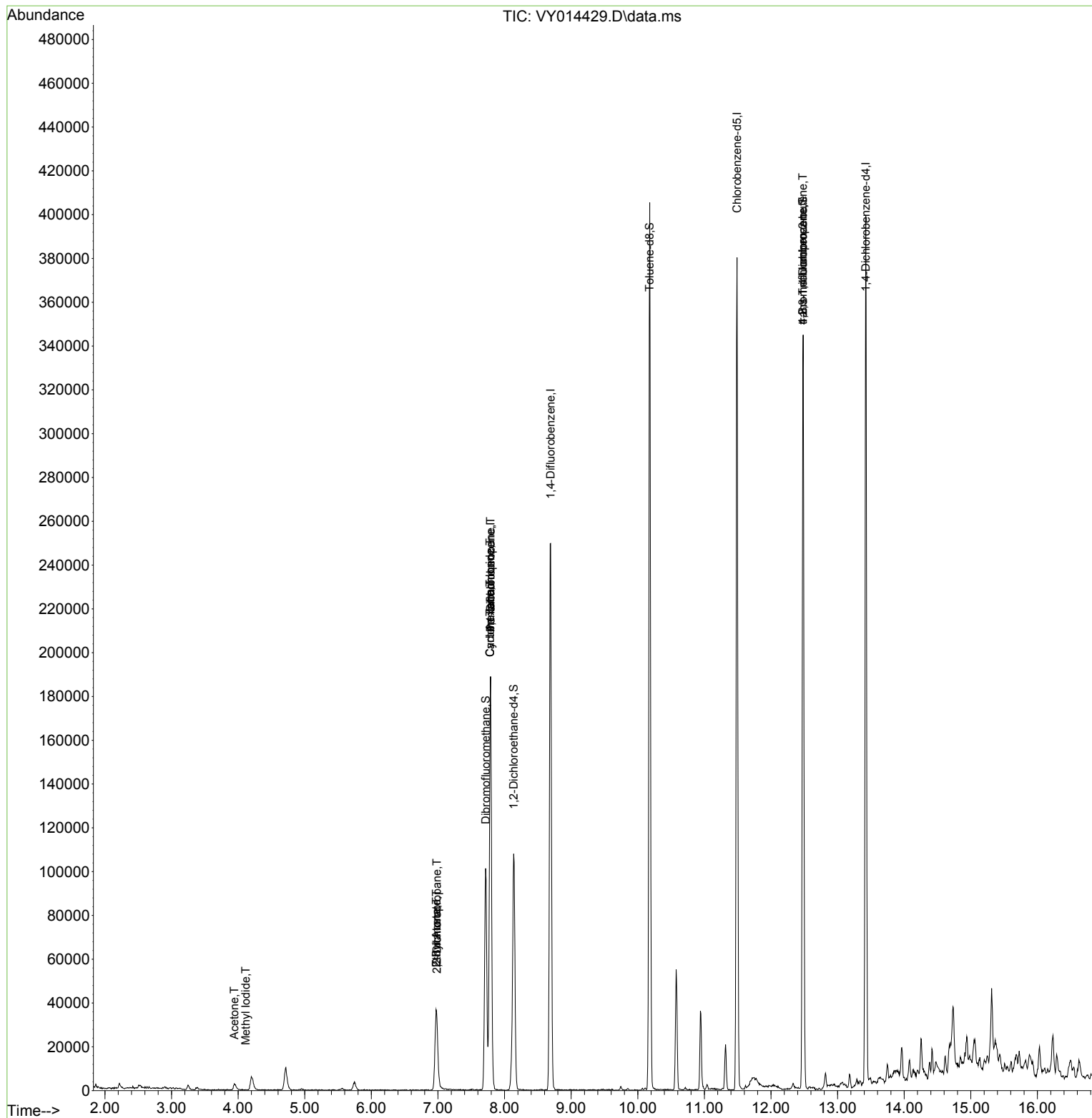
Internal Standards						
1) Pentafluorobenzene	7.789	168	146730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	90865	49.877	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.760%		
35) Dibromofluoromethane	7.716	113	66856	49.564	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.120%		
50) Toluene-d8	10.179	98	256032	47.750	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.477	95	85436	44.632	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	89.260%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	51	2.901	ug/l #	38
11) Tert butyl alcohol	4.960	59	1110	Below Cal	#	89
16) Acetone	3.942	43	5082	8.865	ug/l #	88
20) Methylene Chloride	4.716	84	7443	Below Cal	#	79
25) 2-Butanone	6.978	43	1988	2.784	ug/l	93
26) 2,2-Dichloropropane	6.984	77	2744	1.019	ug/l #	54
31) Cyclohexane	7.783	56	2871	1.276	ug/l #	21
36) 1,1-Dichloropropene	7.789	75	10357	4.983	ug/l #	53
37) Ethyl Acetate	6.978	43	1988	1.388	ug/l #	1
38) Carbon Tetrachloride	7.783	117	14620	5.589	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	48241	37.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48241	85.651	ug/l #	11

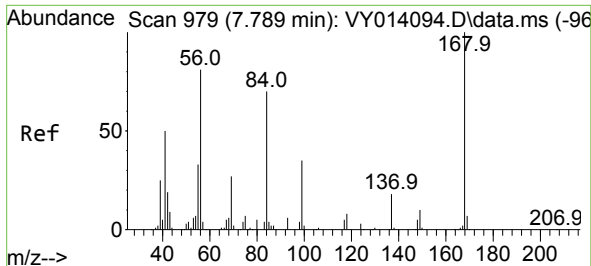
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014429.D
Acq On : 26 Jun 2023 13:19
Operator : KP/MD
Sample : 03388-01RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

Quant Time: Jun 27 01:46:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

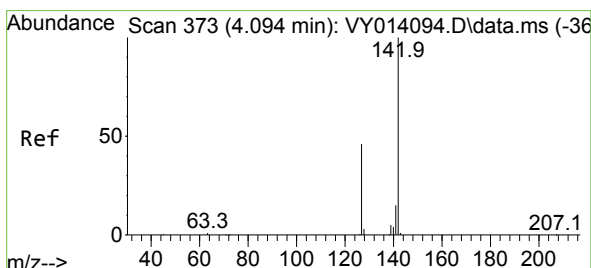
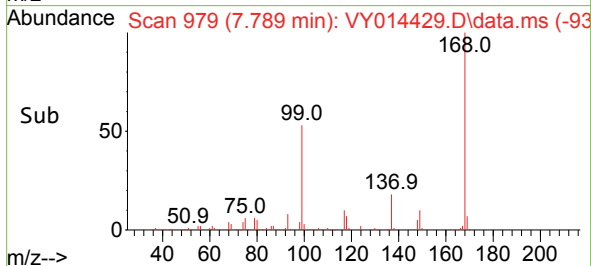
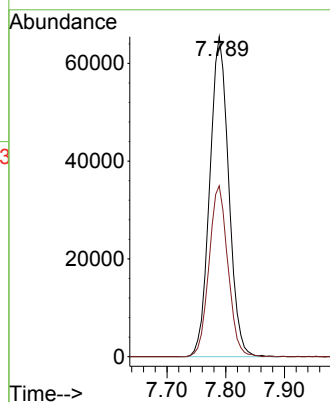
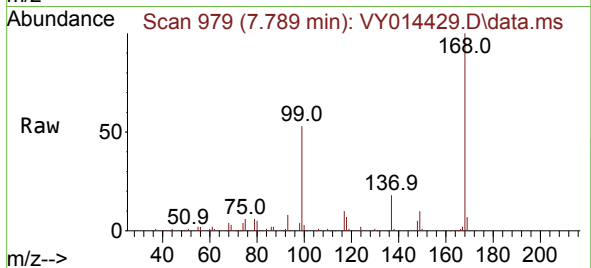




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

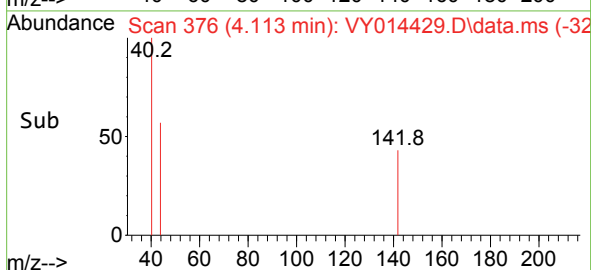
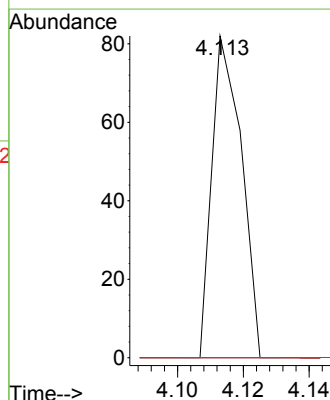
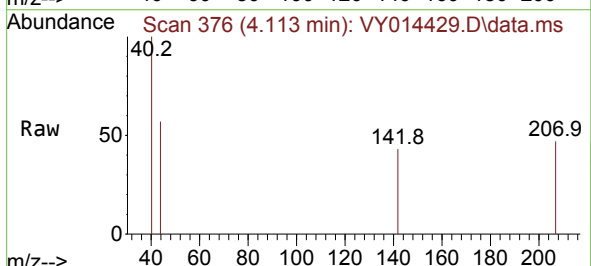
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

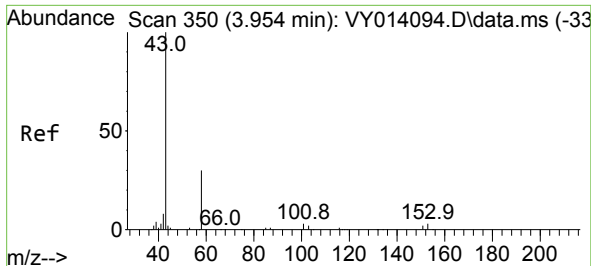
Tgt Ion:168 Resp: 146730
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.901 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.019 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

Tgt Ion:142 Resp: 51
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 8.865 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY014429.D

Acq: 26 Jun 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

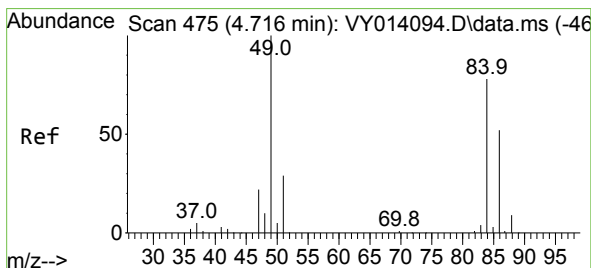
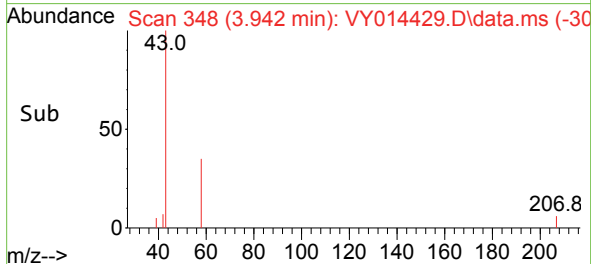
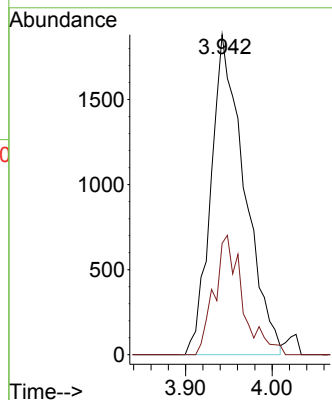
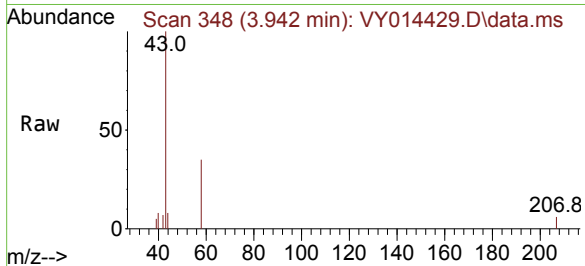
TR-05-062223

Tgt Ion: 43 Resp: 5082

Ion Ratio Lower Upper

43 100

58 34.8 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014429.D

Acq: 26 Jun 2023 13:19

Tgt Ion: 84 Resp: 7443

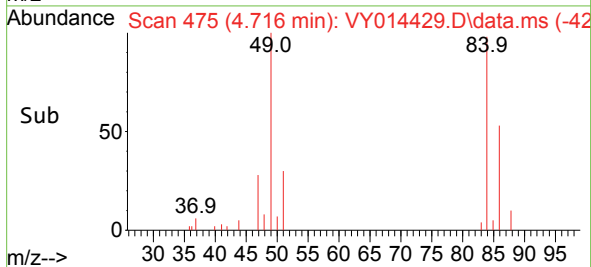
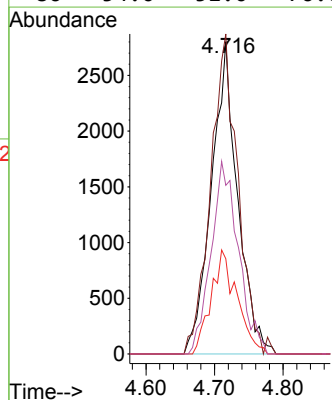
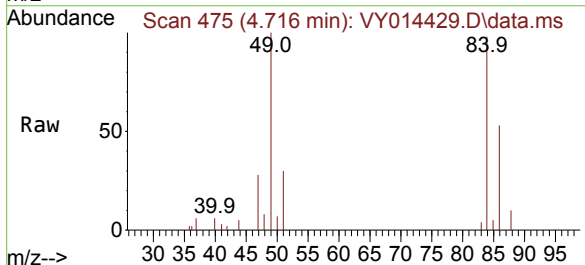
Ion Ratio Lower Upper

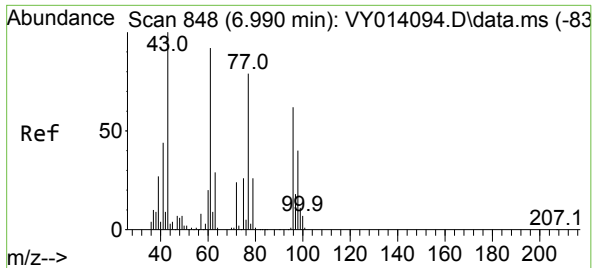
84 100

49 102.5 106.9 160.3#

51 30.5 33.2 49.8#

86 54.0 51.0 76.6

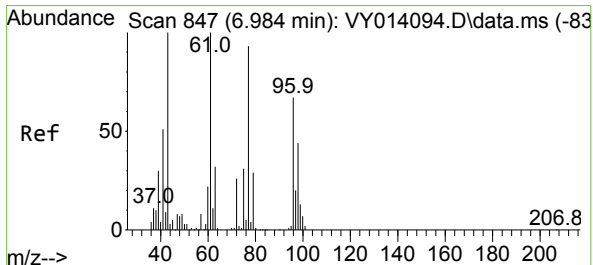
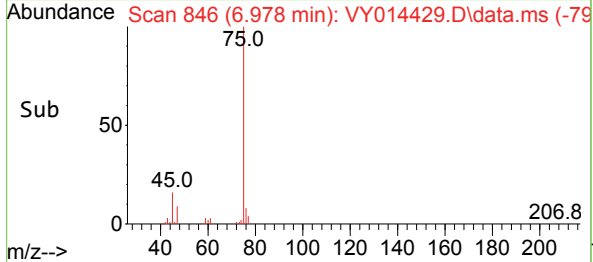
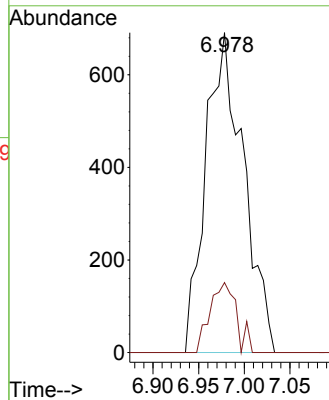
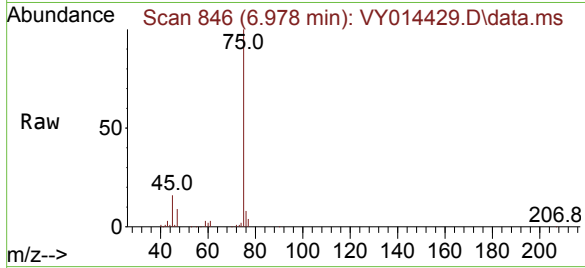




#25
2-Butanone
Concen: 2.784 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

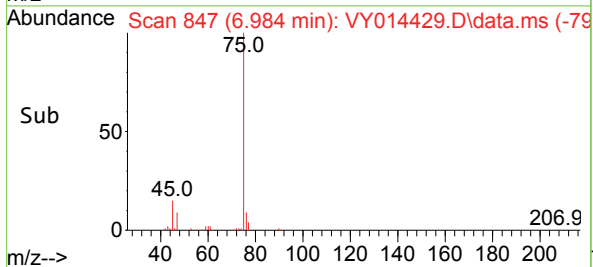
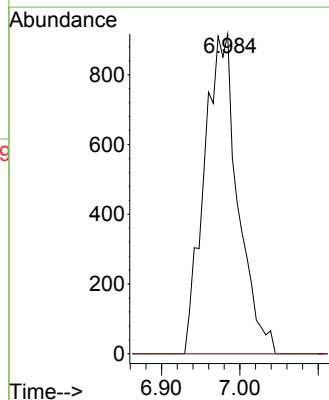
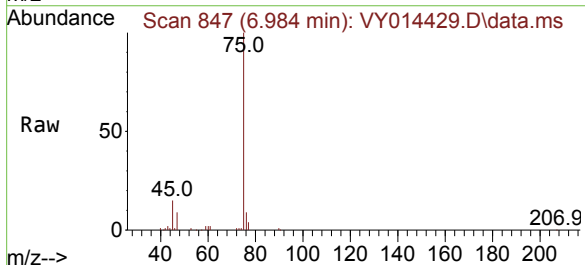
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

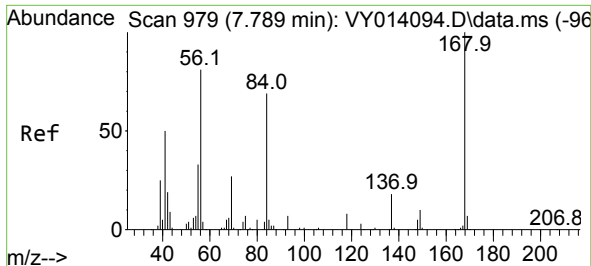
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
72 21.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 1.019 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

Tgt Ion: 77 Resp: 2744
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

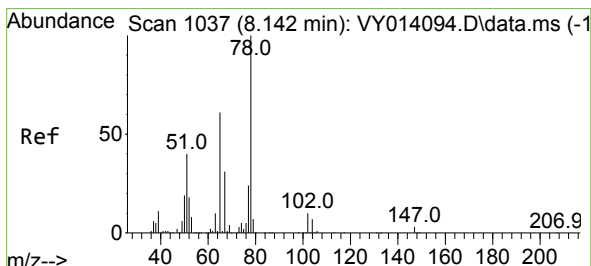
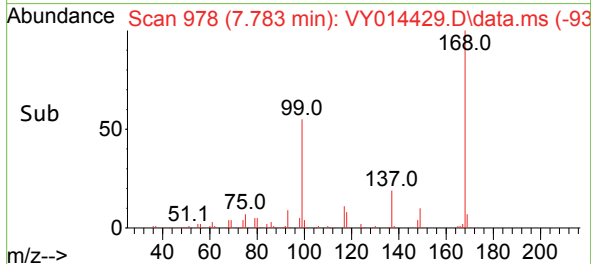
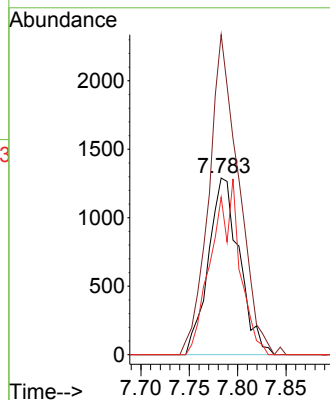
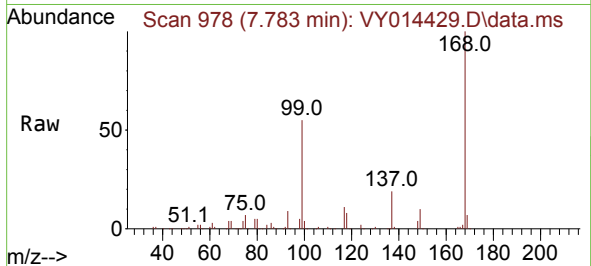




#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

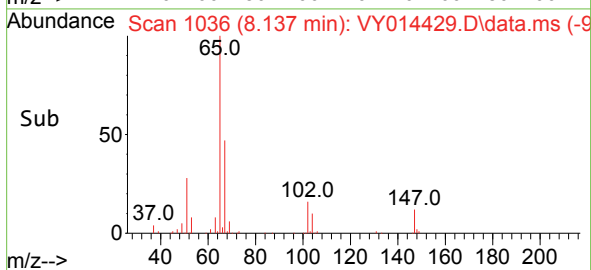
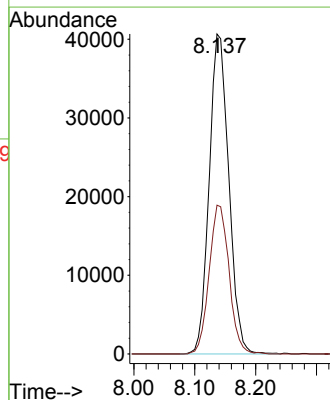
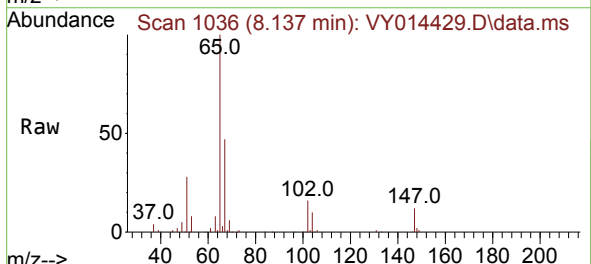
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

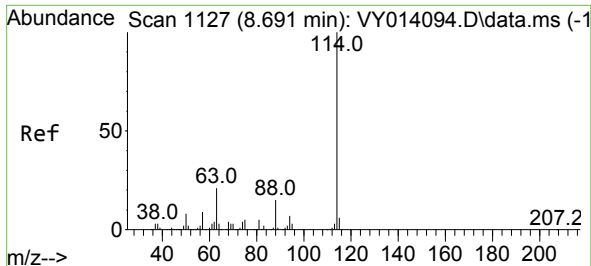
Tgt Ion: 56 Resp: 2871
Ion Ratio Lower Upper
56 100
69 181.2 27.8 41.6#
84 89.1 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 49.877 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

Tgt Ion: 65 Resp: 90865
Ion Ratio Lower Upper
65 100
67 47.3 0.0 101.8

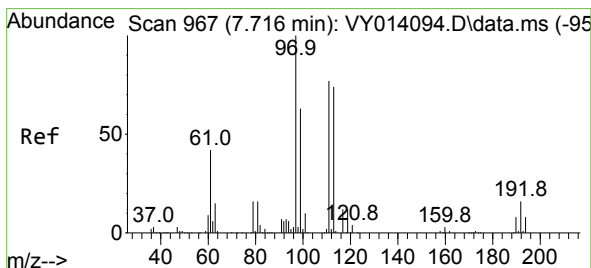
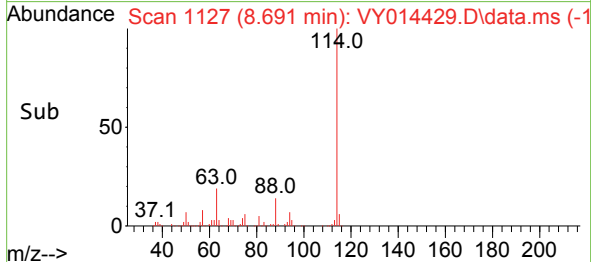
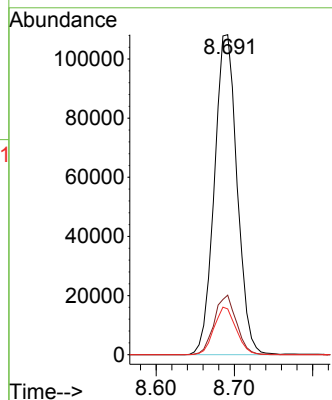
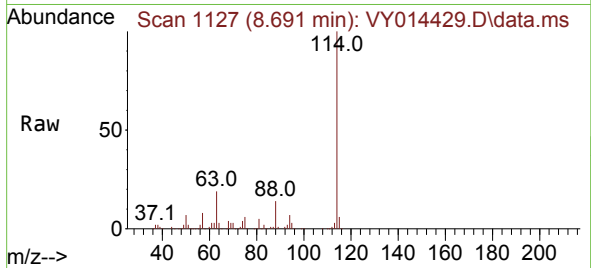




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

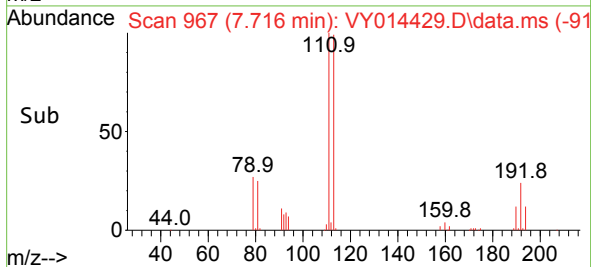
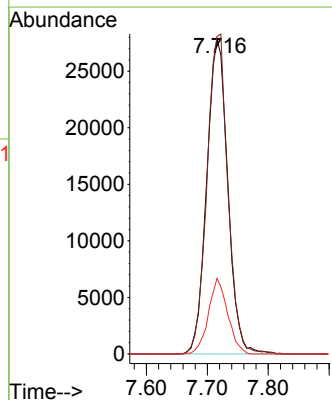
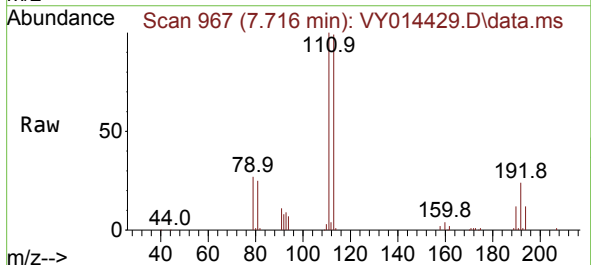
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

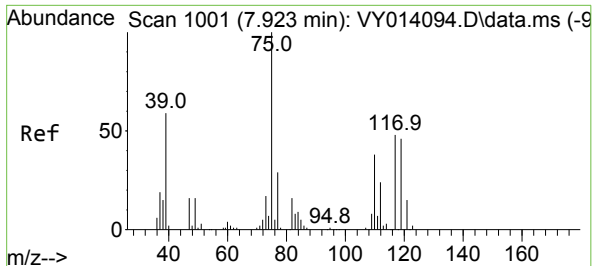
Tgt Ion:114 Resp: 218328
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.564 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

Tgt Ion:113 Resp: 66856
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 21.9 16.9 25.3

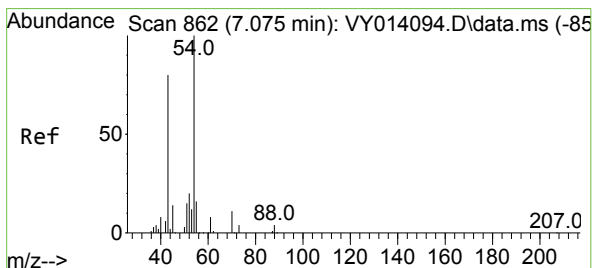
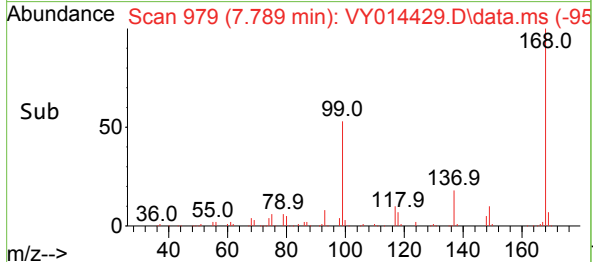
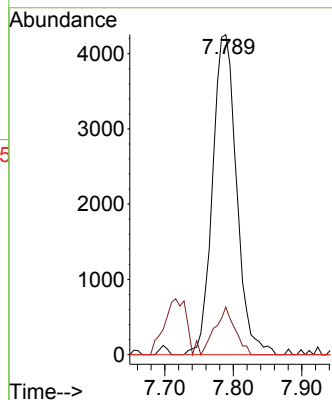
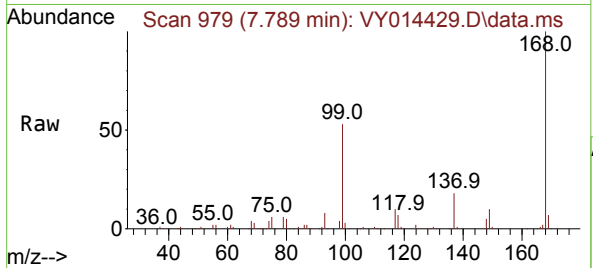




#36
1,1-Dichloropropene
Concen: 4.983 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

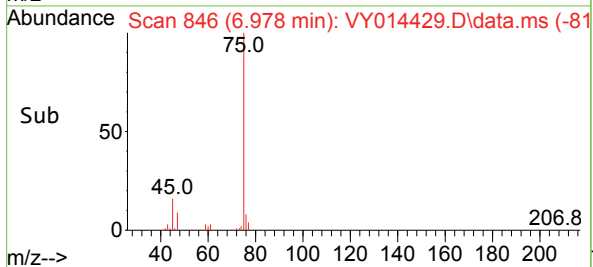
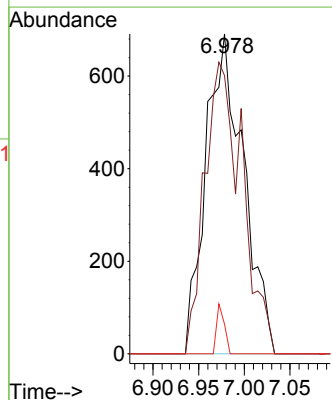
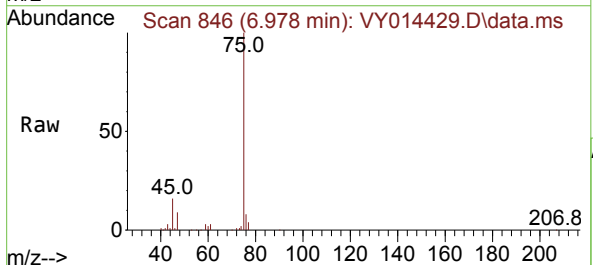
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

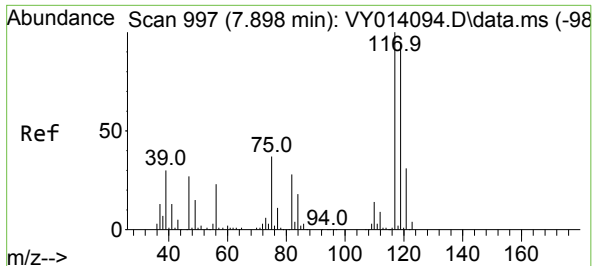
Tgt Ion: 75 Resp: 10357
Ion Ratio Lower Upper
75 100
110 12.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.388 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.097 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

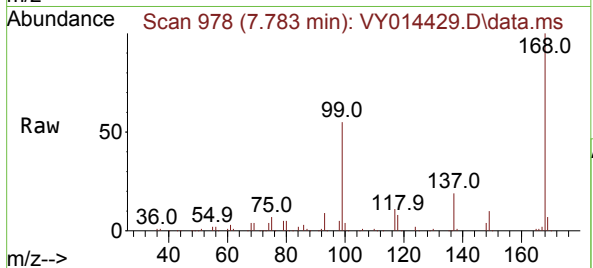
Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
61 90.3 10.1 15.1#
70 3.2 7.1 10.7#



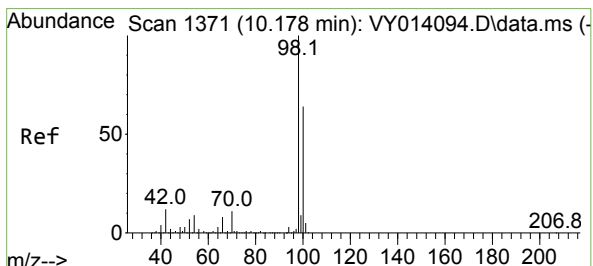
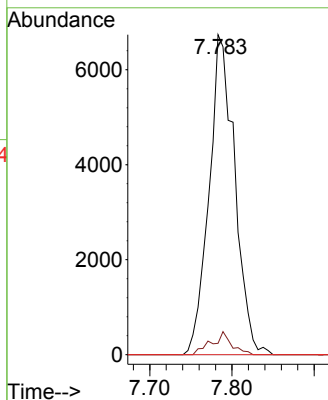
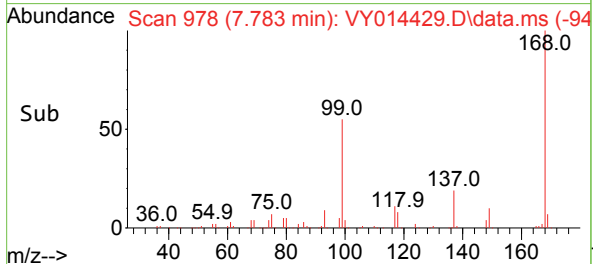


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

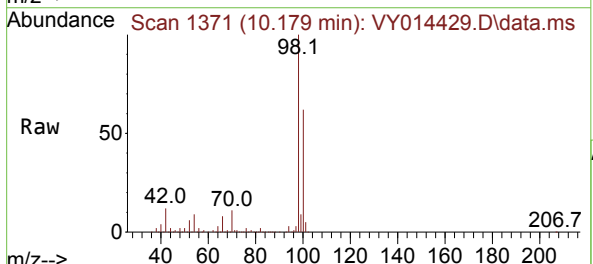
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223



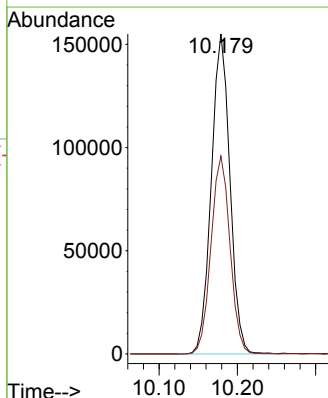
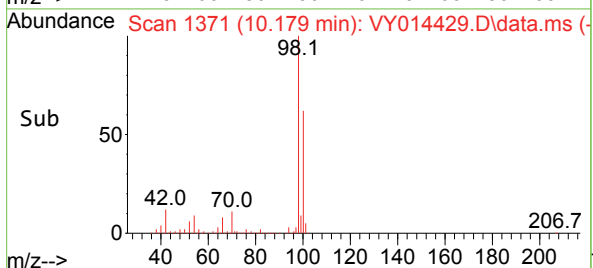
Tgt Ion:117 Resp: 14620
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#

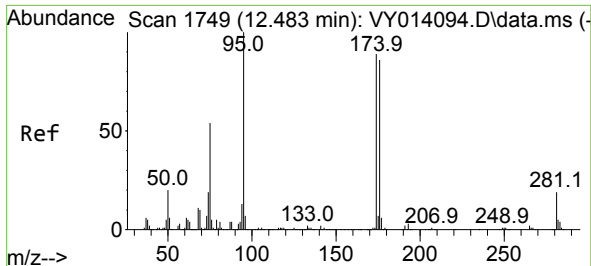


#50
Toluene-d8
Concen: 47.750 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19



Tgt Ion: 98 Resp: 256032
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

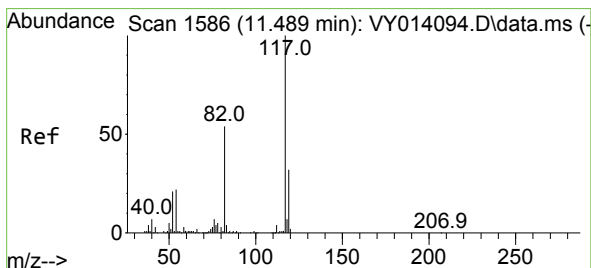
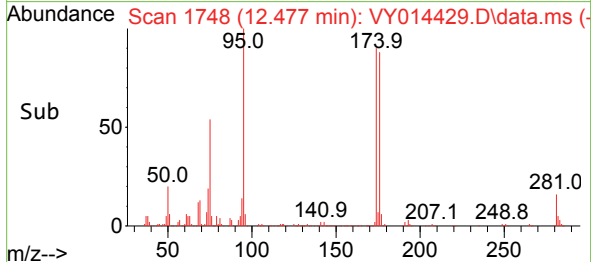
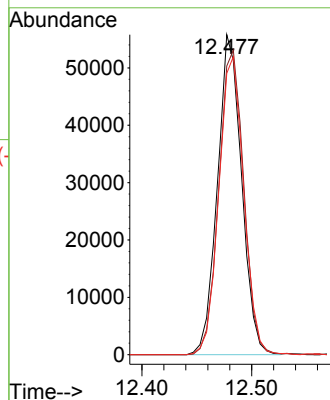
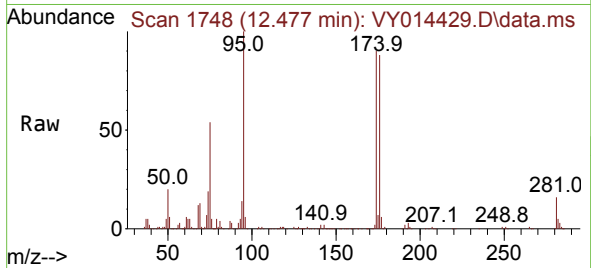




#62
4-Bromofluorobenzene
Concen: 44.632 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

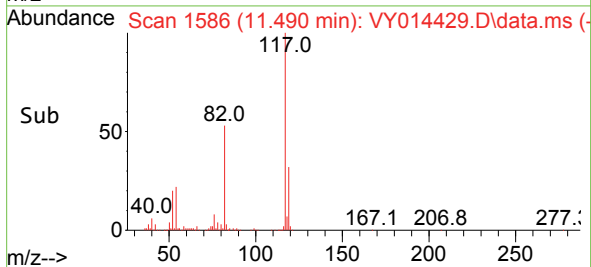
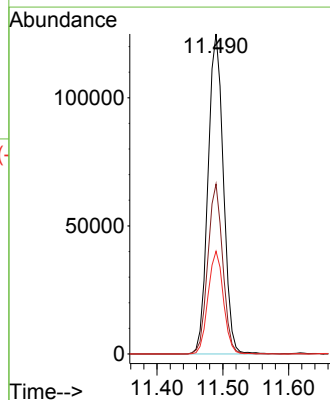
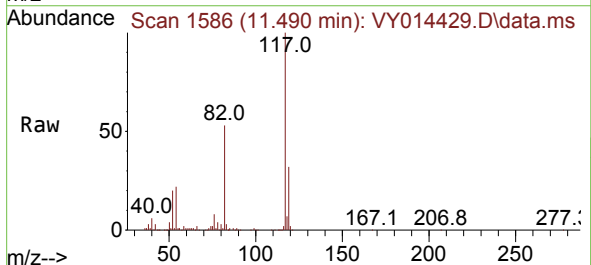
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

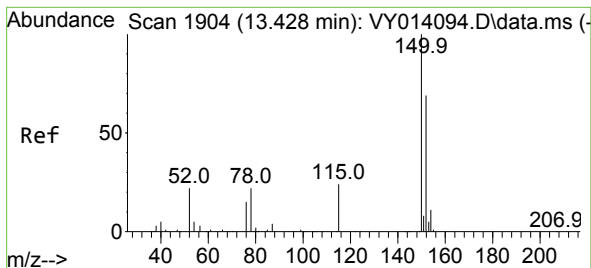
Tgt Ion: 95 Resp: 85436
Ion Ratio Lower Upper
95 100
174 98.1 0.0 178.2
176 95.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

Tgt Ion: 117 Resp: 203453
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY014429.D

Acq: 26 Jun 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-062223

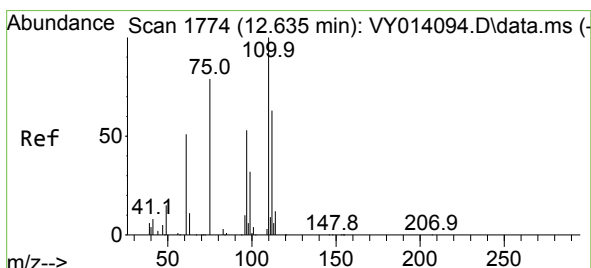
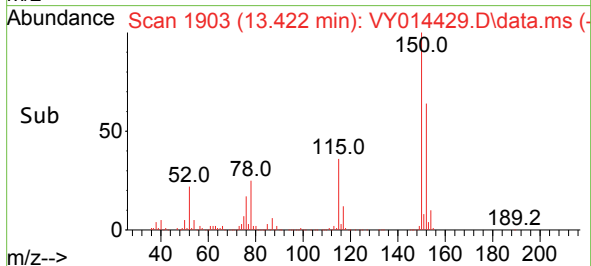
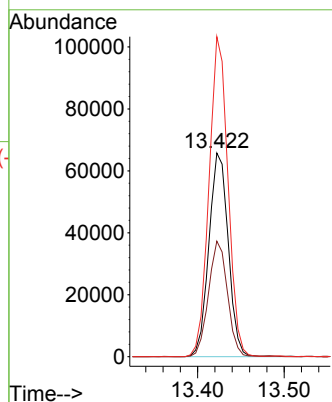
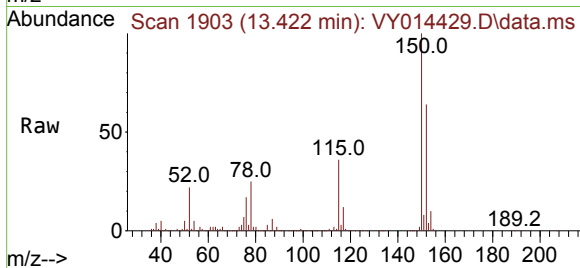
Tgt Ion:152 Resp: 102221

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 153.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.621 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014429.D

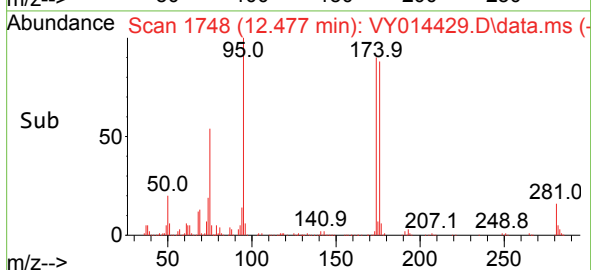
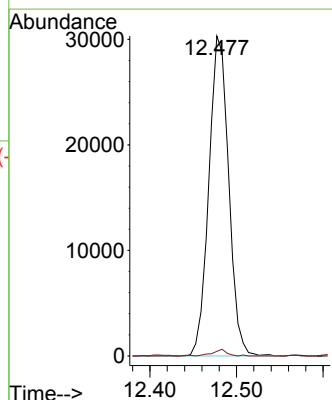
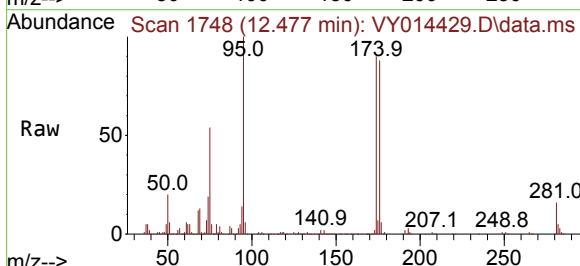
Acq: 26 Jun 2023 13:19

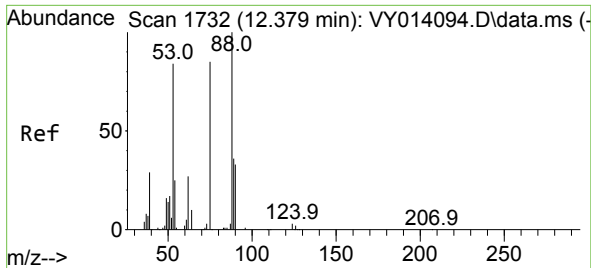
Tgt Ion: 75 Resp: 48241

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.651 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014429.D
 Acq: 26 Jun 2023 13:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-062223

Tgt Ion: 75 Resp: 48241
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.2 37.4 56.0#

