

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018021.D
 Acq On : 23 Apr 2024 12:13
 Operator : SY/MD
 Sample : P2228-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

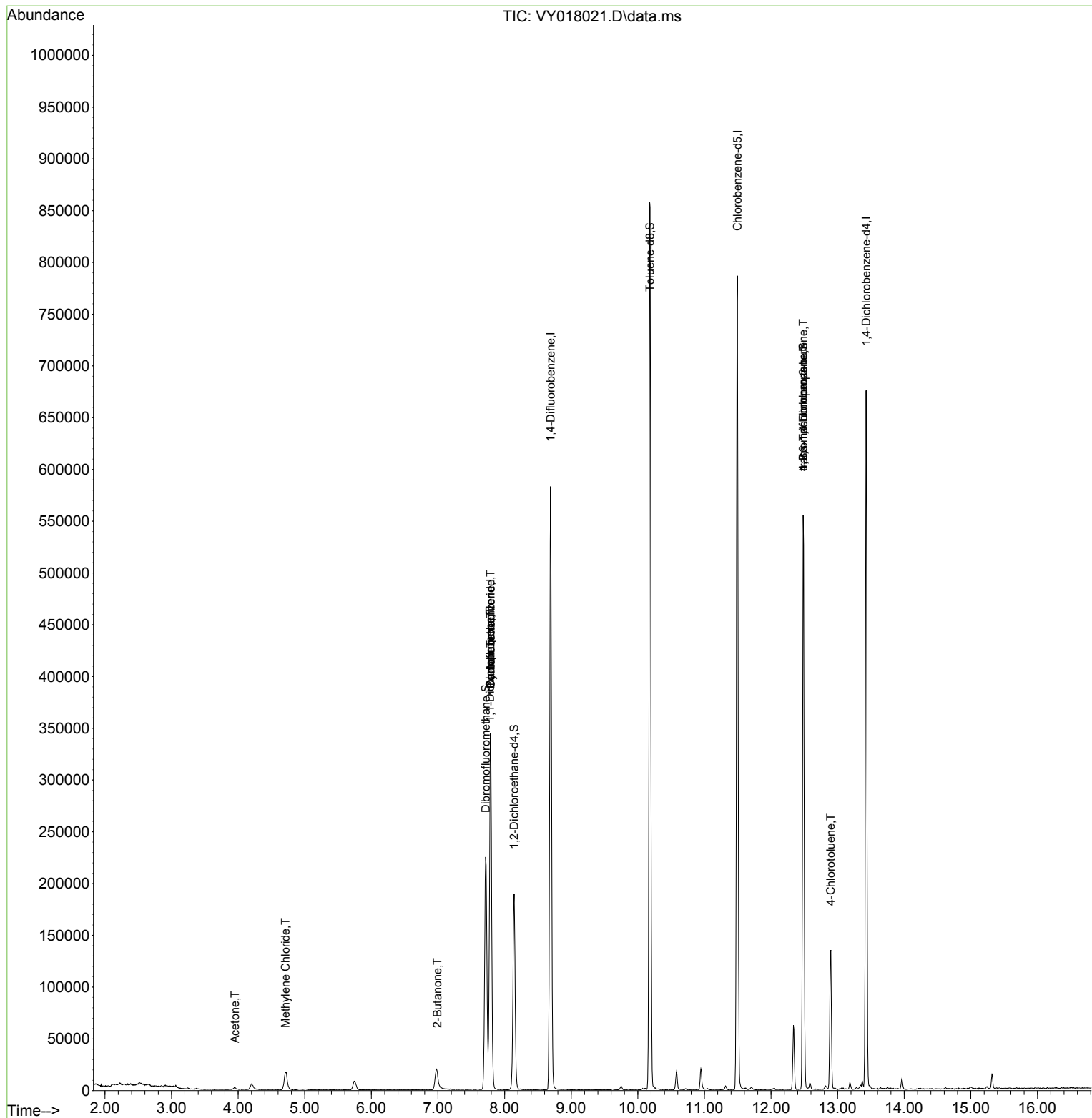
Internal Standards						
1) Pentafluorobenzene	7.789	168	279444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	508920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	451314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142193	58.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.600%	
35) Dibromofluoromethane	7.716	113	164774	52.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.185	98	593421	49.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.483	95	163357	44.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	346	Below Cal	#	88
16) Acetone	3.954	43	3409	7.135	ug/l	89
20) Methylene Chloride	4.710	84	14448	4.463	ug/l	97
25) 2-Butanone	6.990	43	1209	1.721	ug/l #	41
31) Cyclohexane	7.789	56	5251	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20595	4.510	ug/l #	48
38) Carbon Tetrachloride	7.789	117	25605	5.551	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	83411	51.013	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83411	105.180	ug/l #	16
82) 4-Chlorotoluene	12.898	91	17646	1.976	ug/l #	39

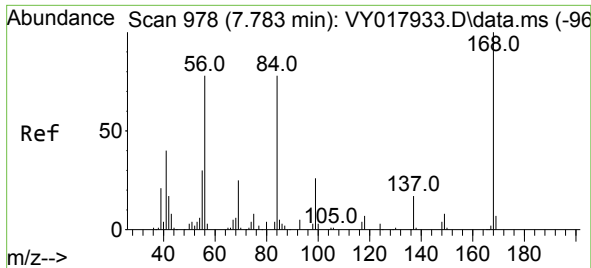
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
Data File : VY018021.D
Acq On : 23 Apr 2024 12:13
Operator : SY/MD
Sample : P2228-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 24 01:13:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

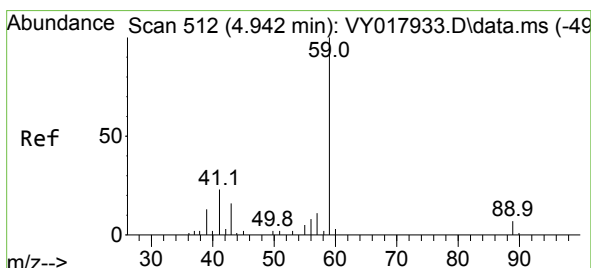
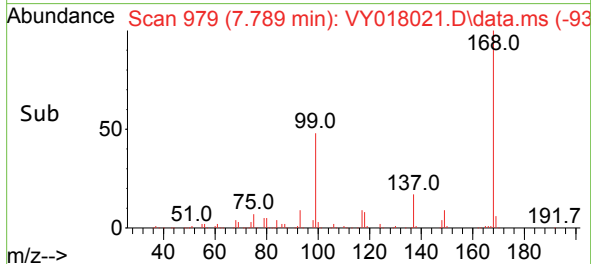
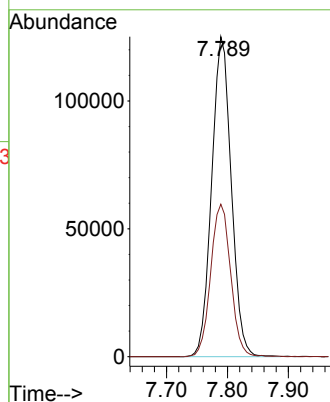
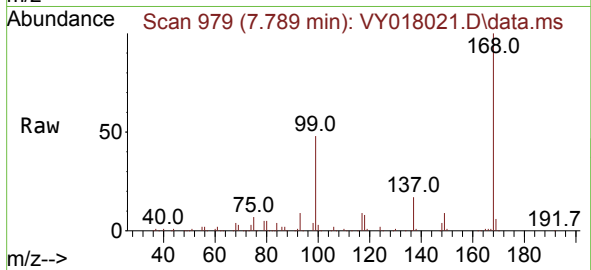




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

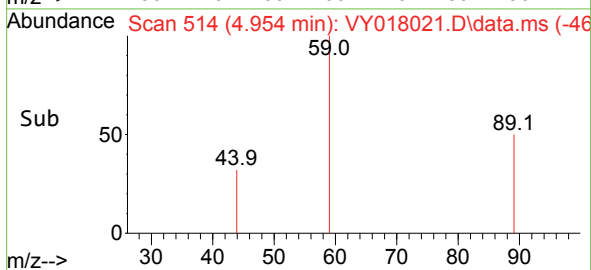
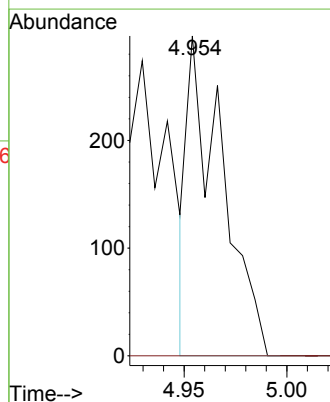
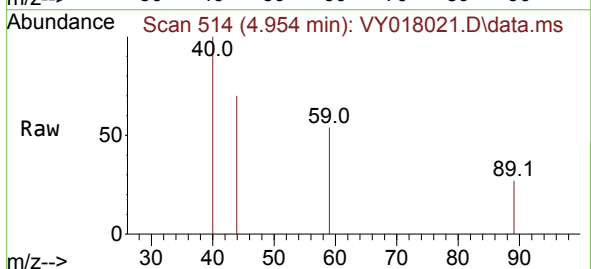
Instrument :
MSVOA_Y
ClientSampleId :

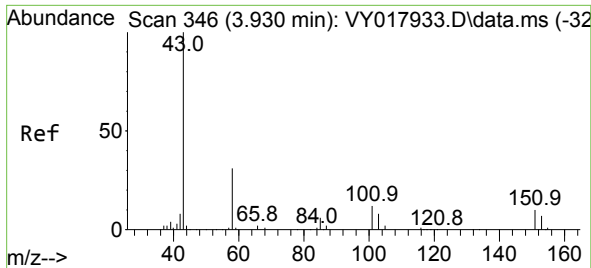
Tgt Ion:168 Resp: 279444
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 7.135 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY018021.D

Acq: 23 Apr 2024 12:13

Instrument :

MSVOA_Y

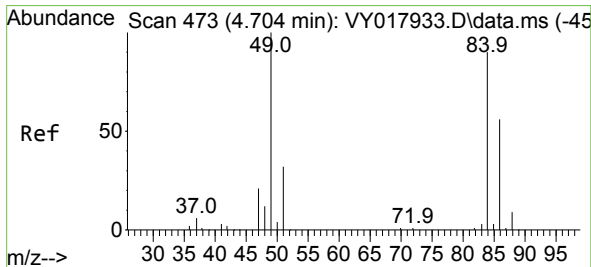
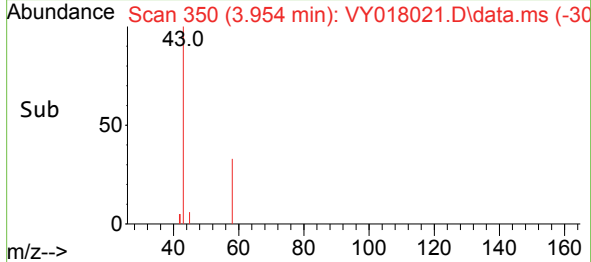
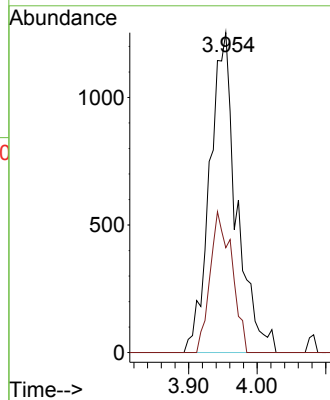
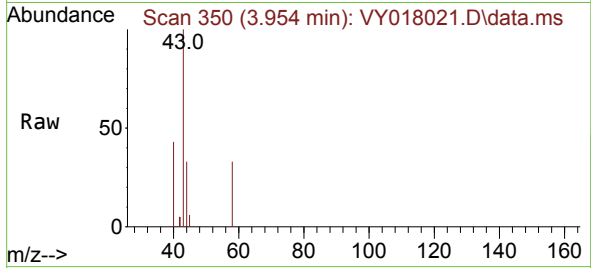
ClientSampleId :

Tgt Ion: 43 Resp: 3409

Ion Ratio Lower Upper

43 100

58 32.8 31.7 47.5



#20

Methylene Chloride

Concen: 4.463 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018021.D

Acq: 23 Apr 2024 12:13

Tgt Ion: 84 Resp: 14448

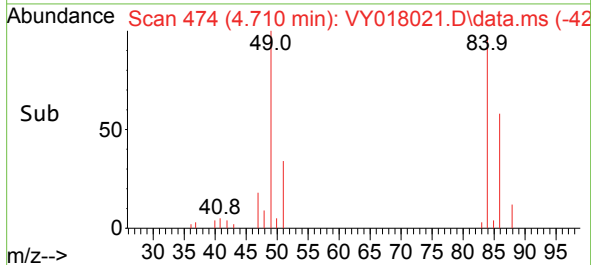
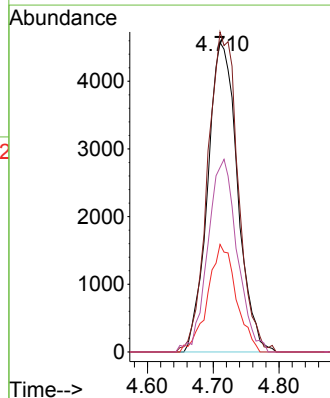
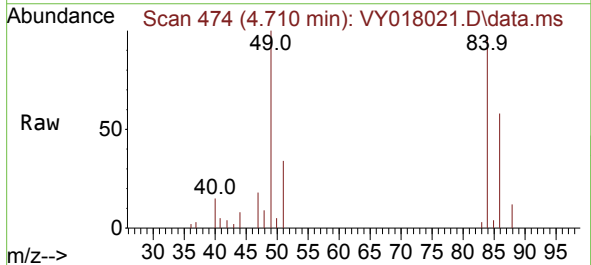
Ion Ratio Lower Upper

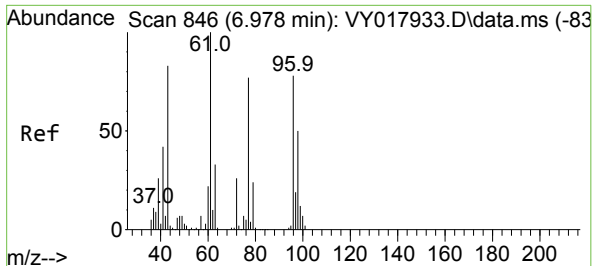
84 100

49 103.4 84.4 126.6

51 34.7 26.0 39.0

86 59.6 49.5 74.3

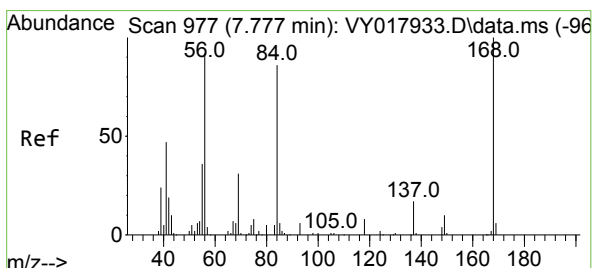
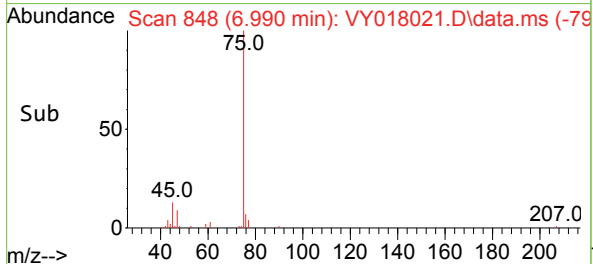
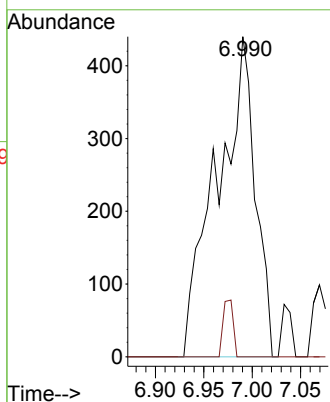
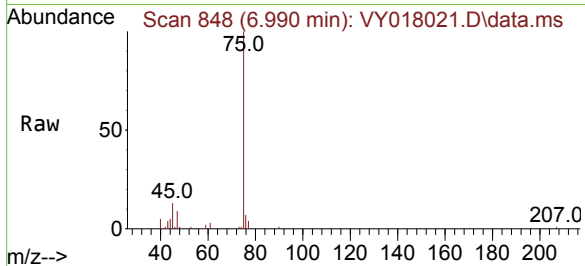




#25
2-Butanone
Concen: 1.721 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

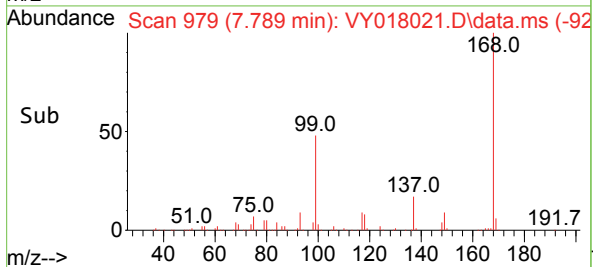
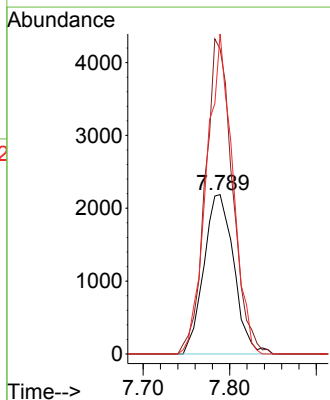
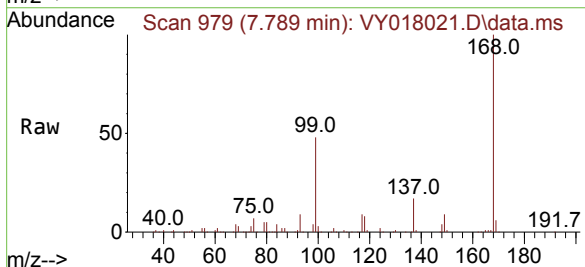
Instrument :
MSVOA_Y
ClientSampleId :

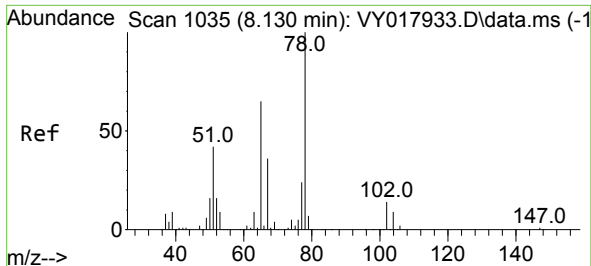
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Tgt Ion: 56 Resp: 5251
Ion Ratio Lower Upper
56 100
69 191.4 28.7 43.1#
84 200.8 77.7 116.5#

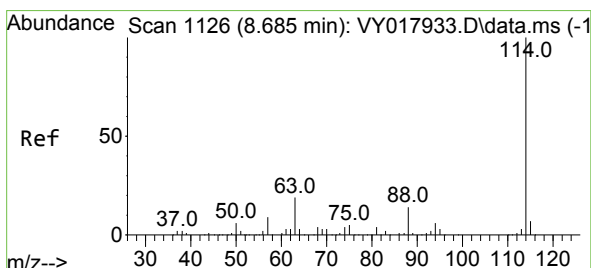
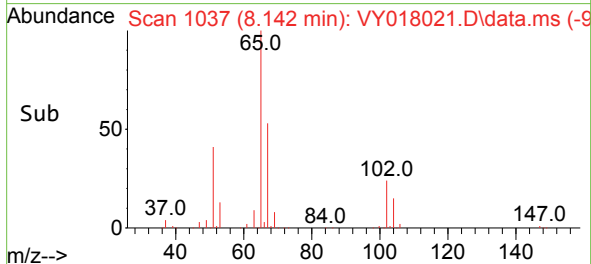
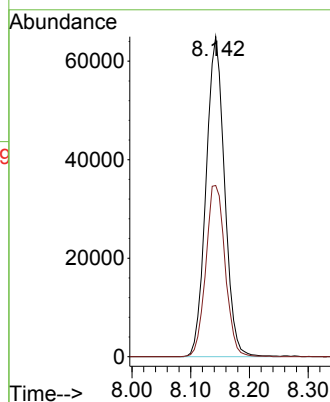
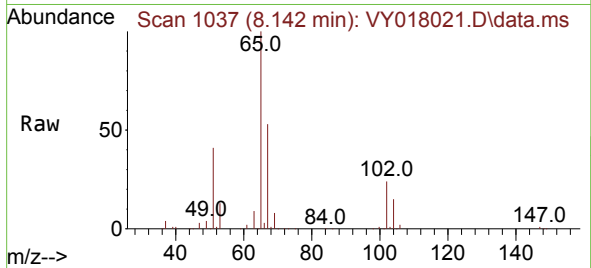




#33
1,2-Dichloroethane-d4
Concen: 58.800 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

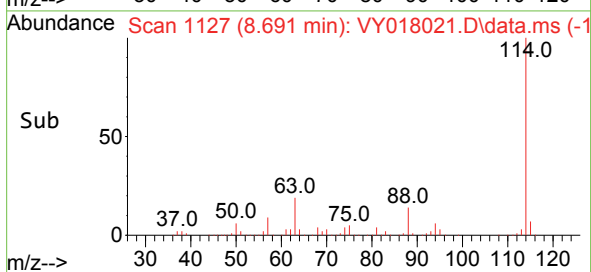
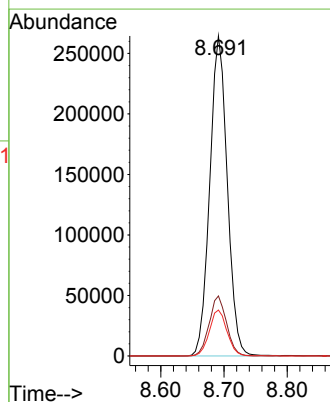
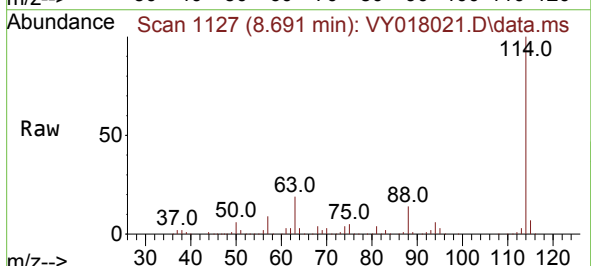
Instrument :
MSVOA_Y
ClientSampleId :

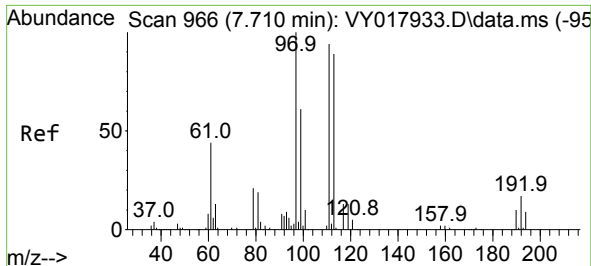
Tgt Ion: 65 Resp: 142193
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

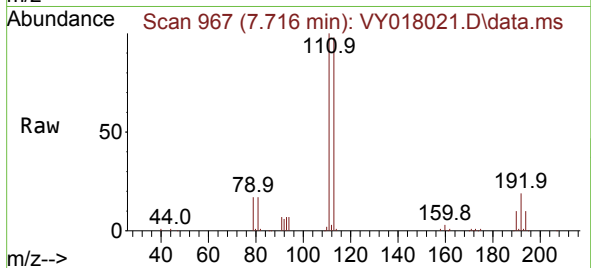
Tgt Ion:114 Resp: 508920
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.0
88 14.3 0.0 27.2



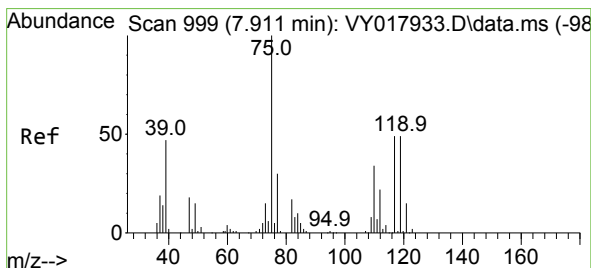
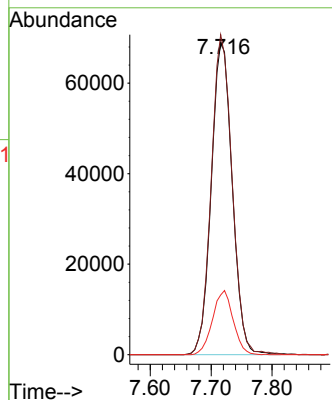
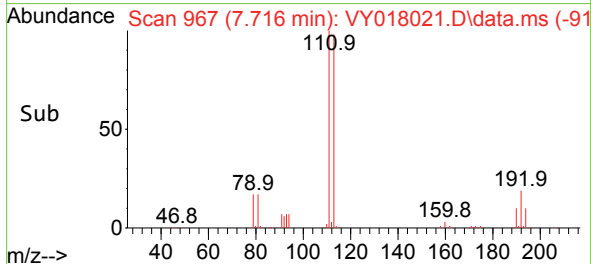


#35
Dibromofluoromethane
Concen: 52.480 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

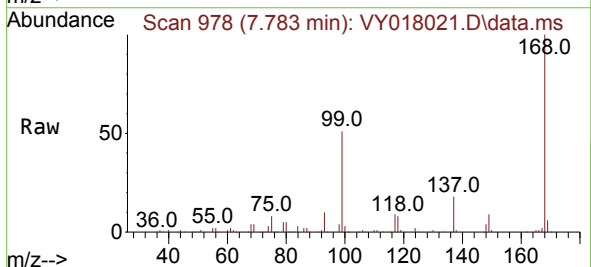
Instrument :
MSVOA_Y
ClientSampleId :



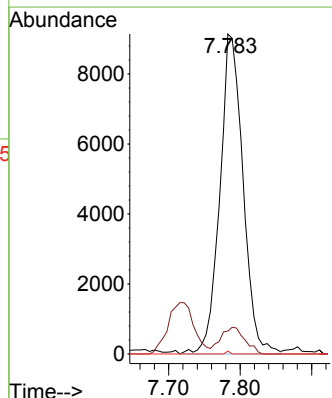
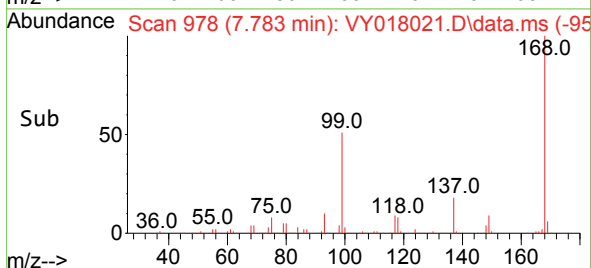
Tgt Ion:113 Resp: 164774
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.2 15.9 23.9

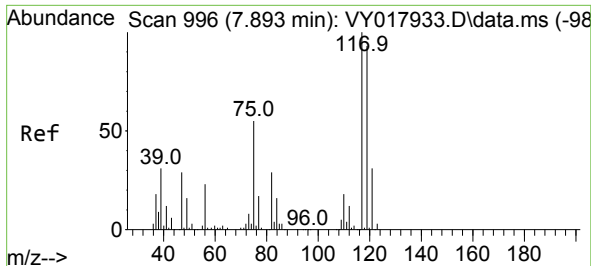


#36
1,1-Dichloropropene
Concen: 4.510 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13



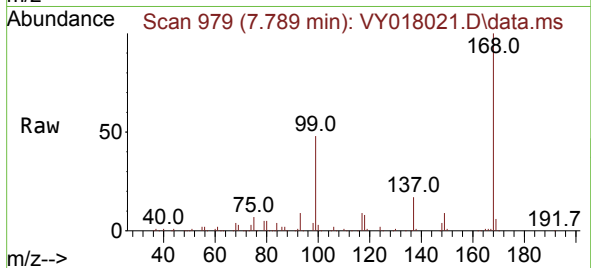
Tgt Ion: 75 Resp: 20595
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.1 25.3 37.9#



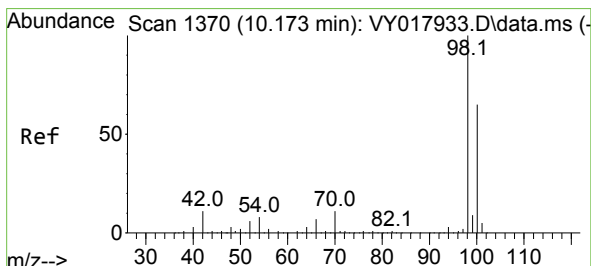
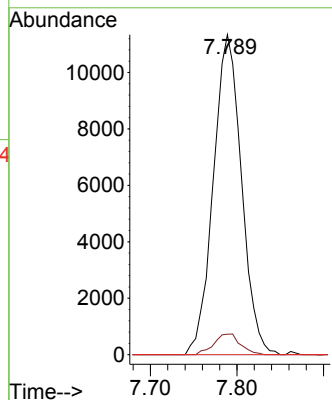
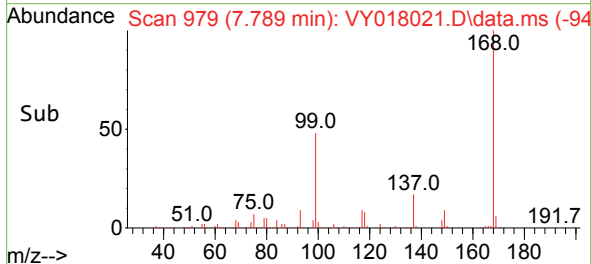


#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Instrument :
MSVOA_Y
ClientSampleId :

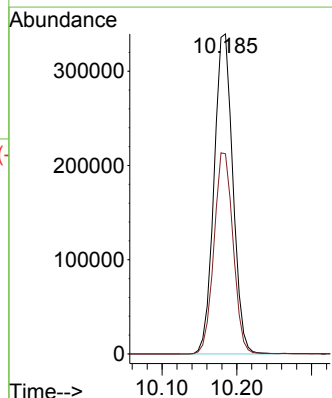
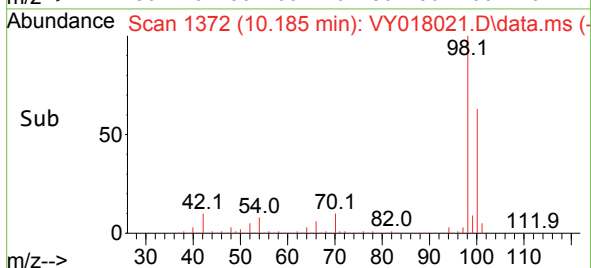
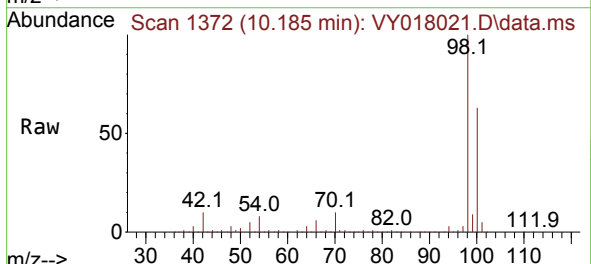


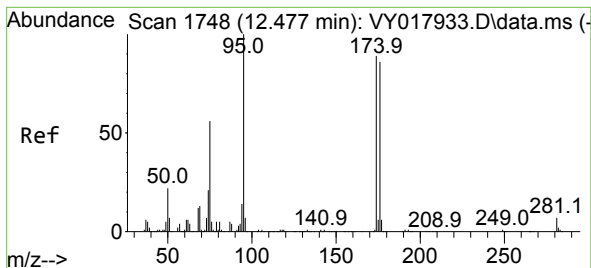
Tgt Ion:117 Resp: 25605
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.810 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

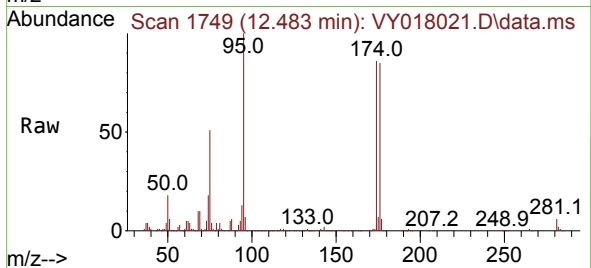
Tgt Ion: 98 Resp: 593421
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



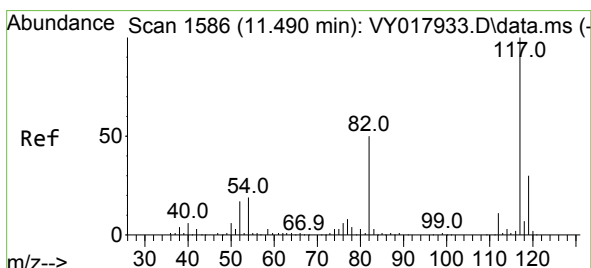
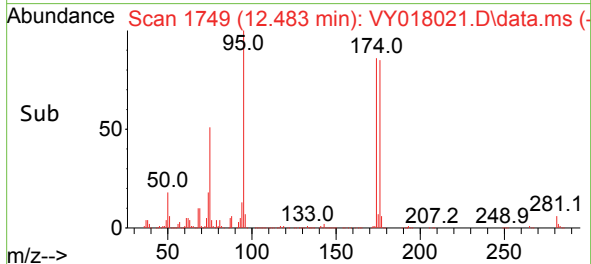
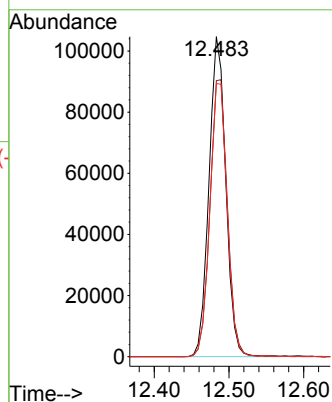


#62
4-Bromofluorobenzene
Concen: 44.274 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Instrument :
MSVOA_Y
ClientSampleId :

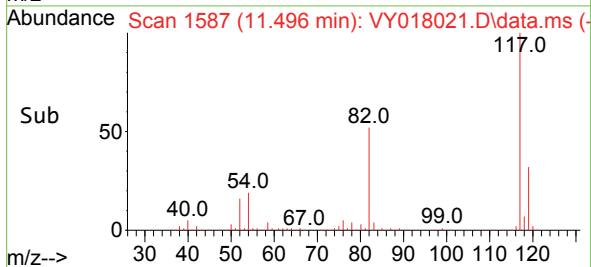
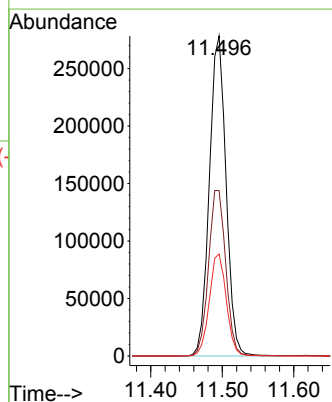
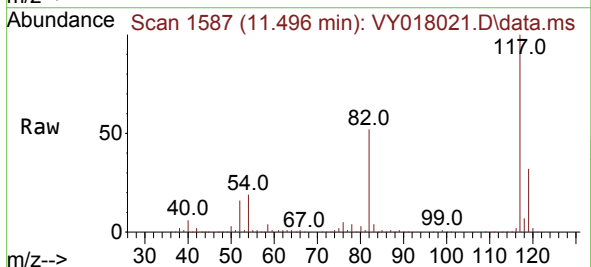


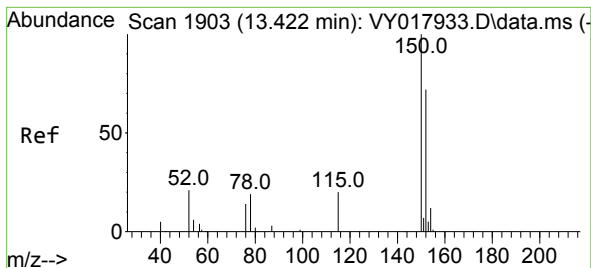
Tgt Ion: 95 Resp: 163357
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 88.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Tgt Ion: 117 Resp: 451314
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 31.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018021.D

Acq: 23 Apr 2024 12:13

Instrument :

MSVOA_Y

ClientSampleId :

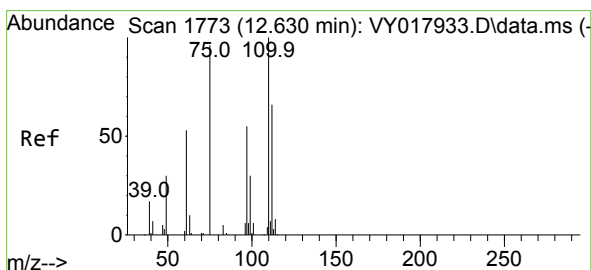
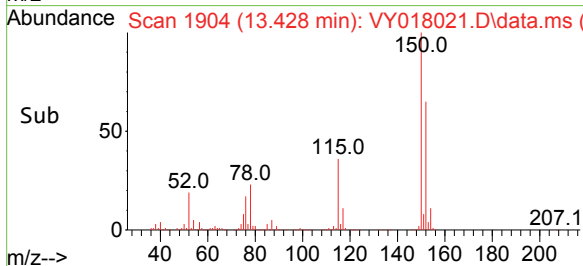
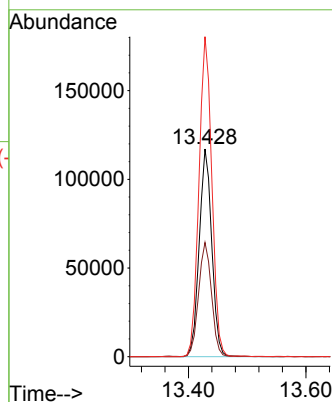
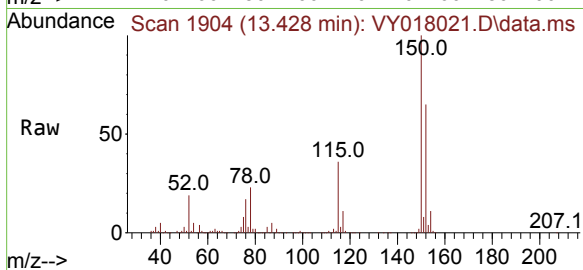
Tgt Ion:152 Resp: 174245

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 157.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 51.013 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018021.D

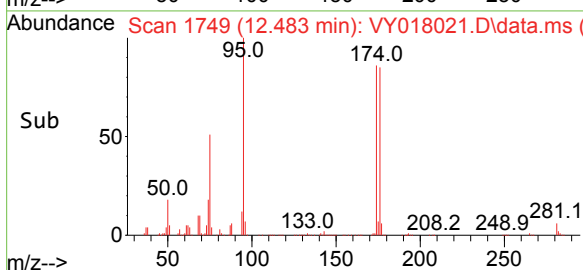
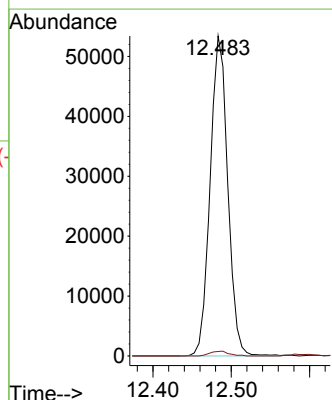
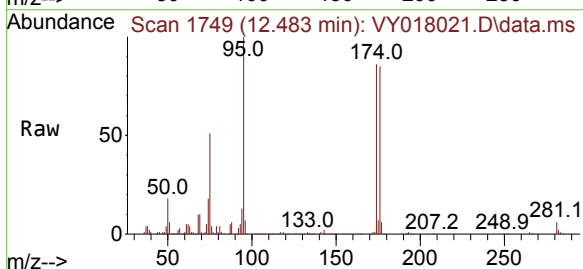
Acq: 23 Apr 2024 12:13

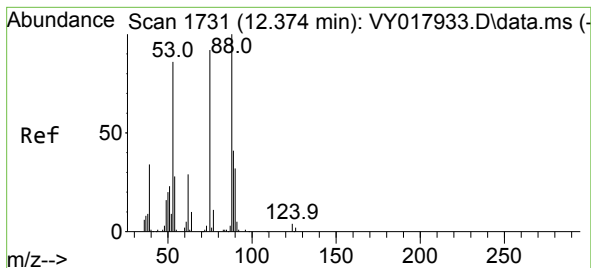
Tgt Ion: 75 Resp: 83411

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

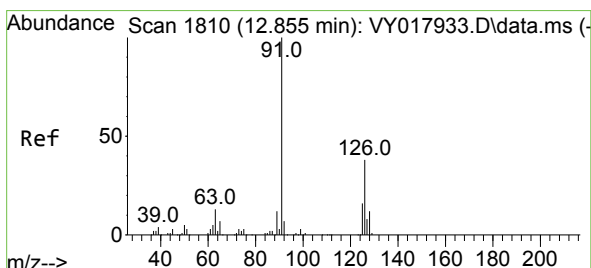
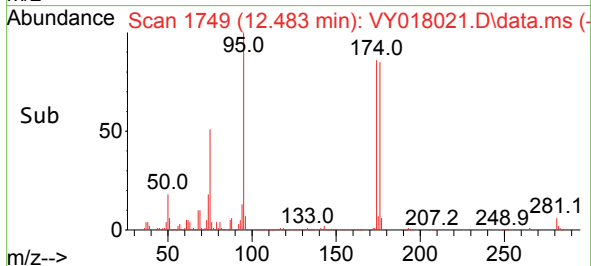
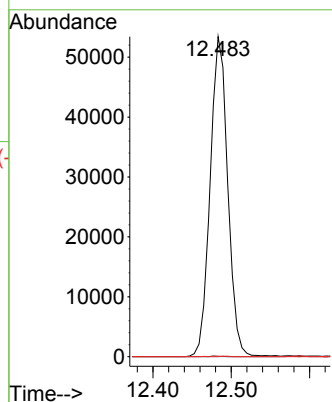
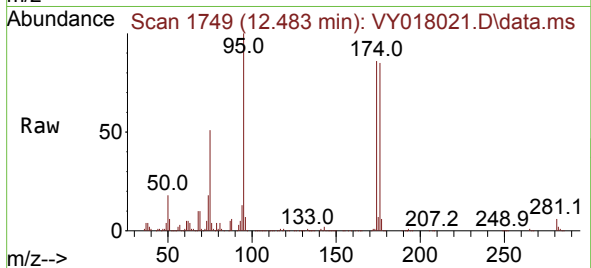




#81
trans-1,4-Dichloro-2-butene
Concen: 105.180 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83411
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#



#82
4-Chlorotoluene
Concen: 1.976 ug/l
RT: 12.898 min Scan# 1817
Delta R.T. 0.043 min
Lab File: VY018021.D
Acq: 23 Apr 2024 12:13

Tgt Ion: 91 Resp: 17646
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#

