

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018037.D
 Acq On : 24 Apr 2024 15:28
 Operator : SY/MD
 Sample : P2247-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 01:35:24 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)

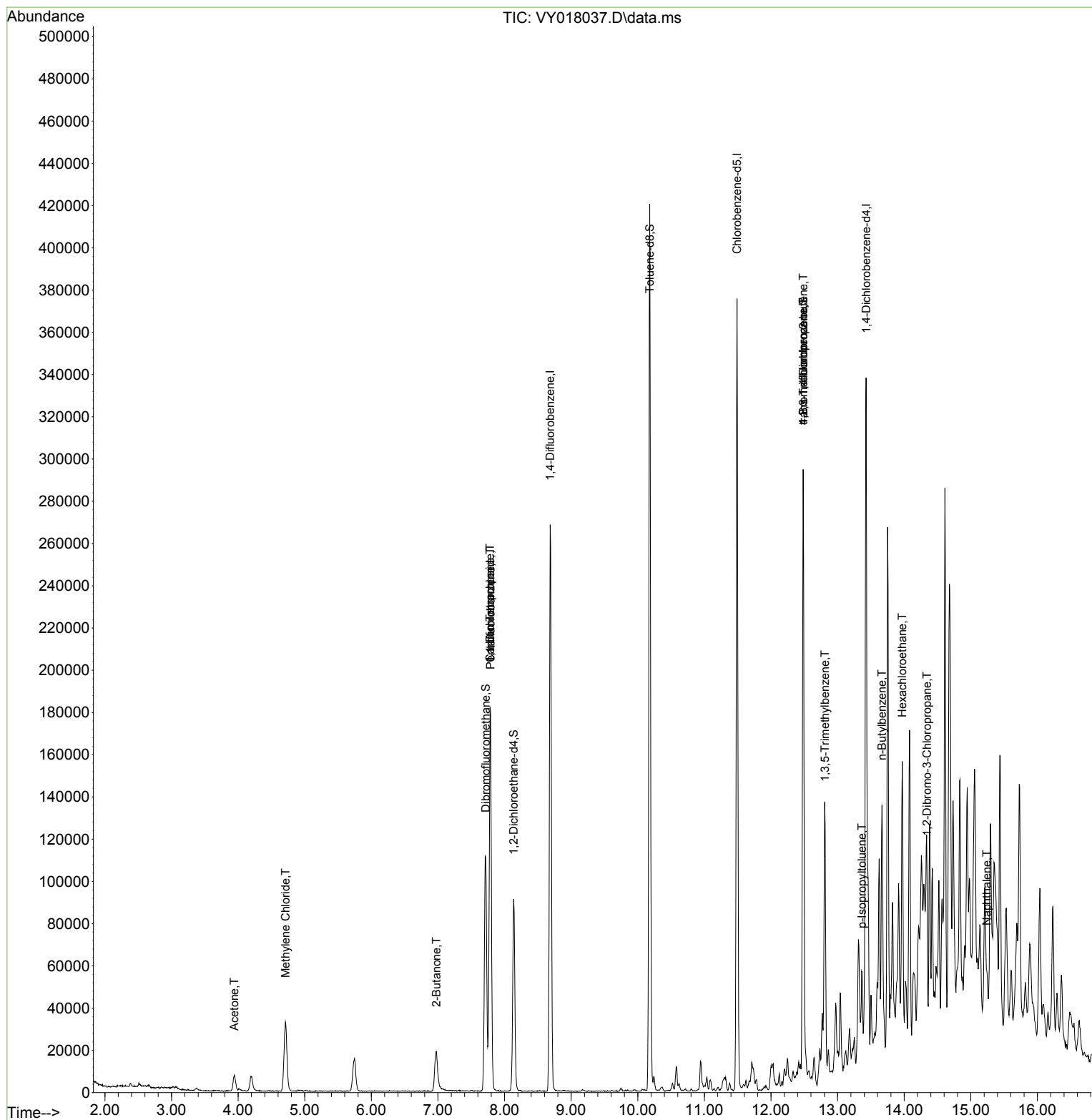
Internal Standards						
1) Pentafluorobenzene	7.789	168	154891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	251431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68354	50.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.000%	
35) Dibromofluoromethane	7.716	113	83777	54.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.020%	
50) Toluene-d8	10.179	98	284103	48.268	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.540%	
62) 4-Bromofluorobenzene	12.483	95	75763	41.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	325	Below Cal	#	88
16) Acetone	3.942	43	12726	48.051	ug/l	97
20) Methylene Chloride	4.710	84	26828	14.952	ug/l	98
25) 2-Butanone	6.978	43	1147	2.946	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	10443	4.629	ug/l #	47
38) Carbon Tetrachloride	7.783	117	13156	5.772	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	37609	46.666	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.813	105	24356	4.908	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.483	75	37609	96.216	ug/l #	16
86) p-Isopropyltoluene	13.367	119	10541	1.884	ug/l	95
89) n-Butylbenzene	13.666	91	7698	1.463	ug/l #	1
90) Hexachloroethane	13.971	117	5212	4.544	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.343	75	250	1.665	ug/l #	1
95) Naphthalene	15.239	128	2805	1.128	ug/l #	57

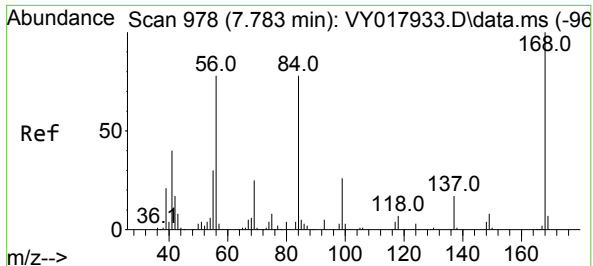
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

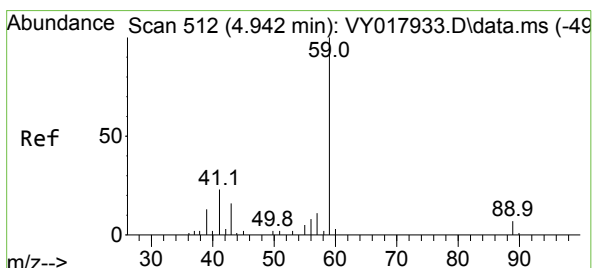
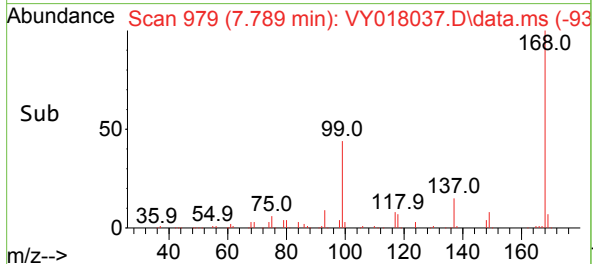
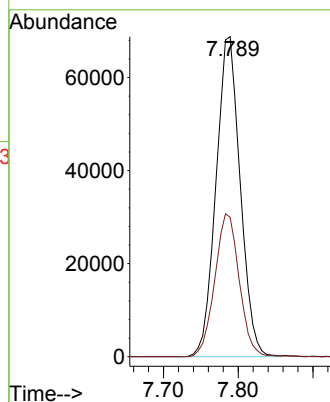
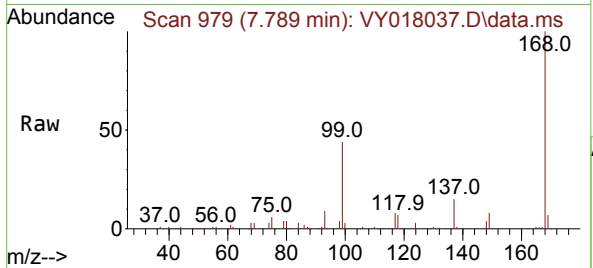




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

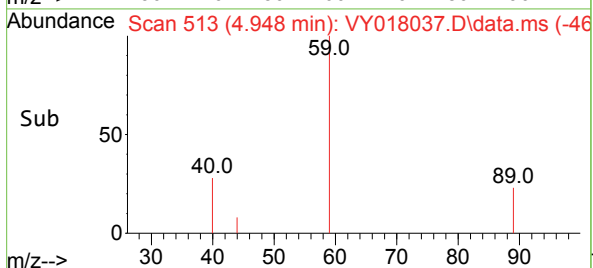
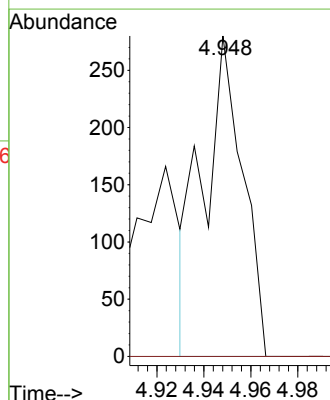
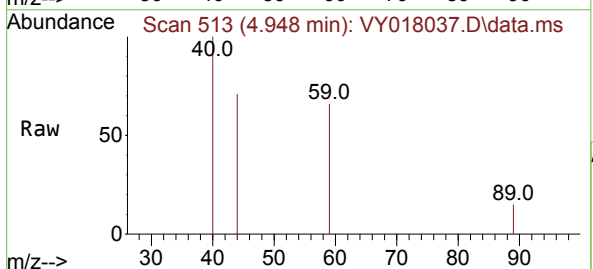
Instrument :
MSVOA_Y
ClientSampleId :

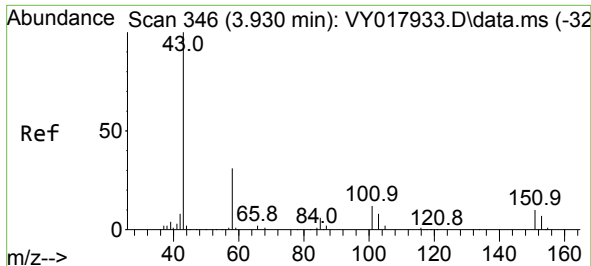
Tgt Ion:168 Resp: 154891
Ion Ratio Lower Upper
168 100
99 43.6 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion: 59 Resp: 325
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

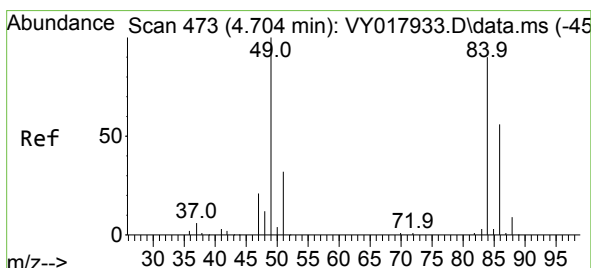
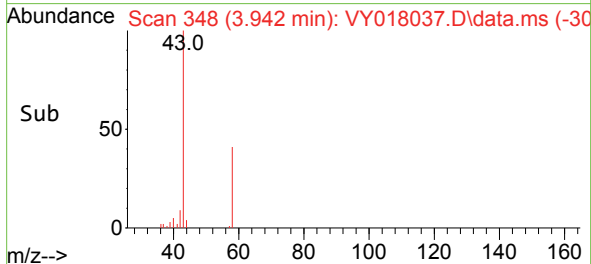
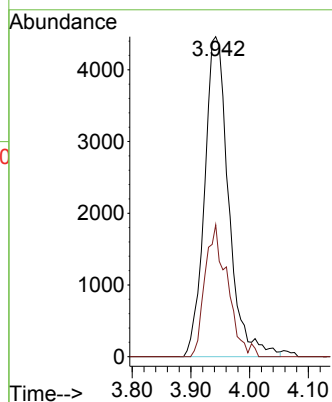
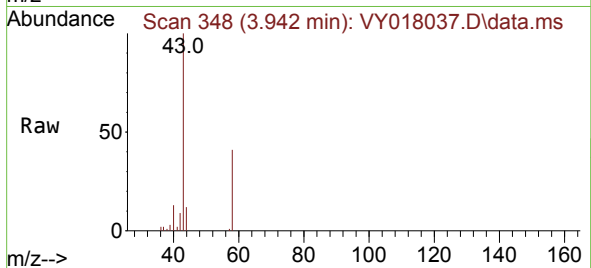




#16
Acetone
Concen: 48.051 ug/l
RT: 3.942 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

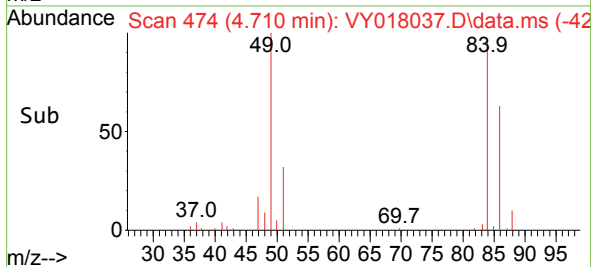
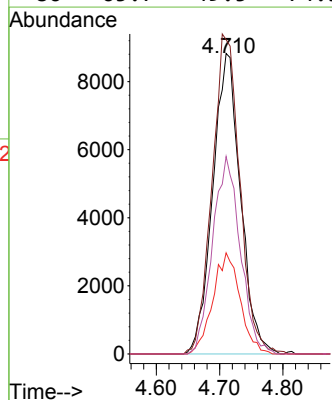
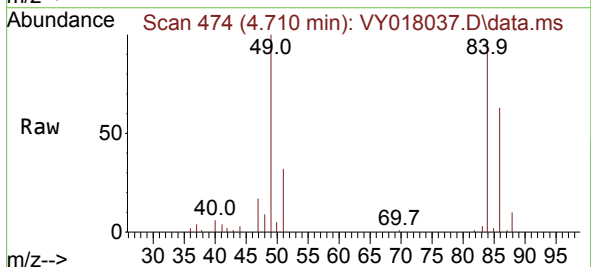
Instrument :
MSVOA_Y
ClientSampleId :

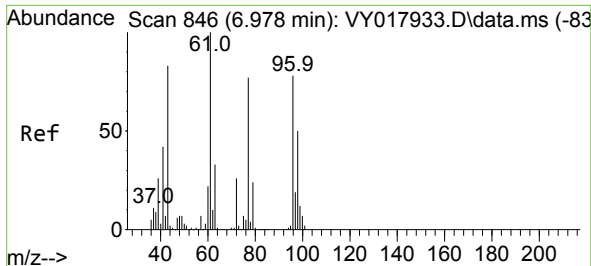
Tgt Ion: 43 Resp: 12726
Ion Ratio Lower Upper
43 100
58 41.2 31.7 47.5



#20
Methylene Chloride
Concen: 14.952 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion: 84 Resp: 26828
Ion Ratio Lower Upper
84 100
49 104.6 84.4 126.6
51 33.7 26.0 39.0
86 65.7 49.5 74.3





#25

2-Butanone

Concen: 2.946 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018037.D

Acq: 24 Apr 2024 15:28

Instrument :

MSVOA_Y

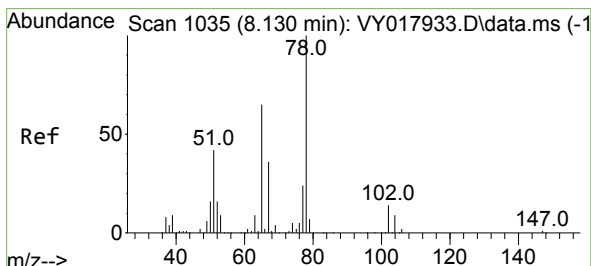
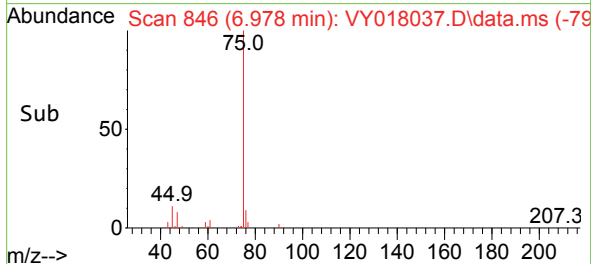
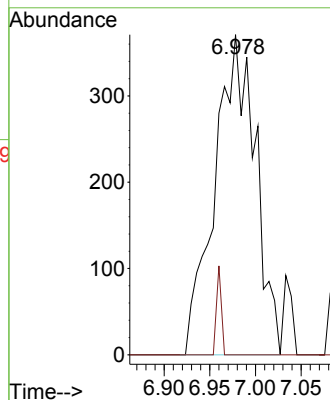
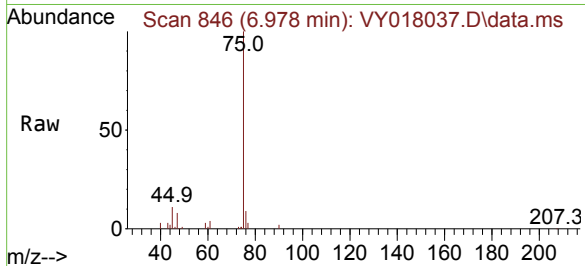
ClientSampleId :

Tgt Ion: 43 Resp: 1147

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 50.996 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018037.D

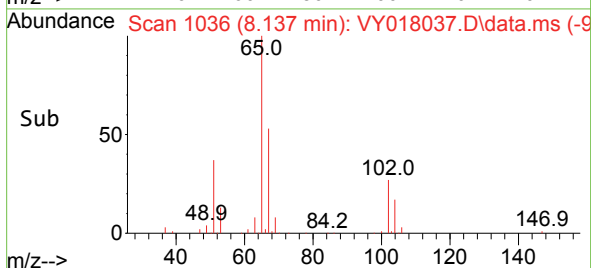
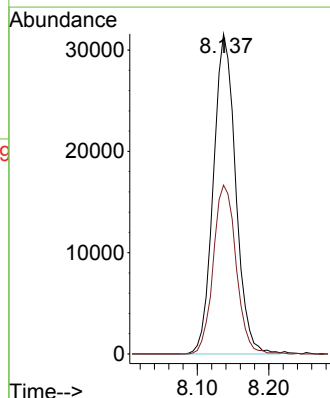
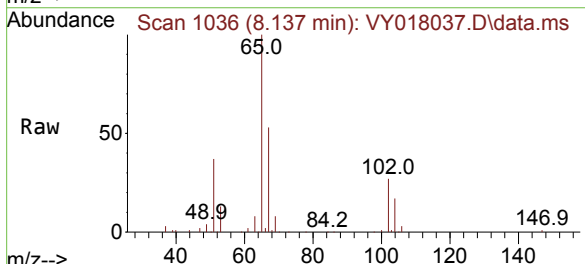
Acq: 24 Apr 2024 15:28

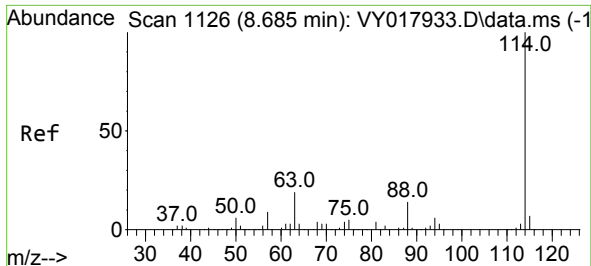
Tgt Ion: 65 Resp: 68354

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6

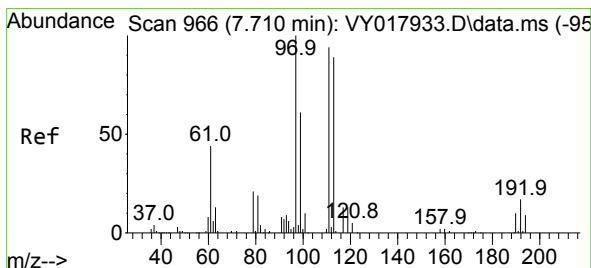
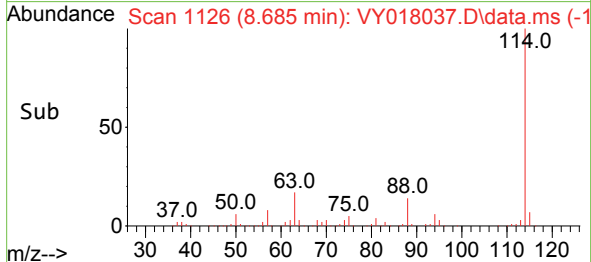
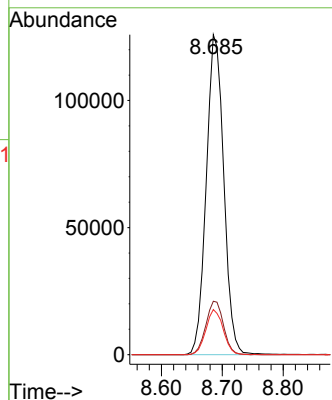
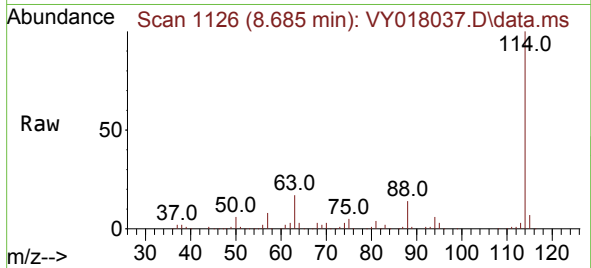




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

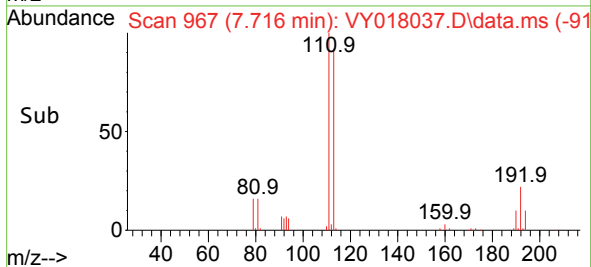
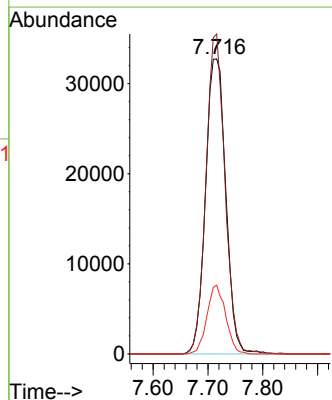
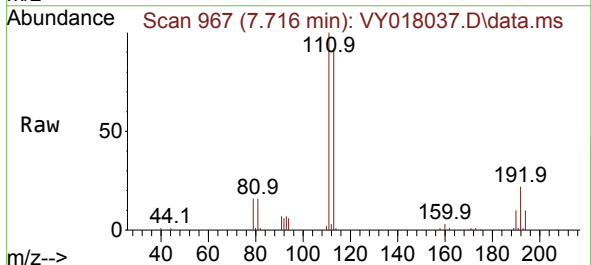
Instrument :
MSVOA_Y
ClientSampleId :

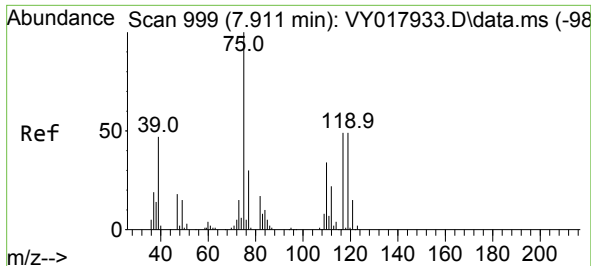
Tgt Ion:114 Resp: 251431
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.009 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

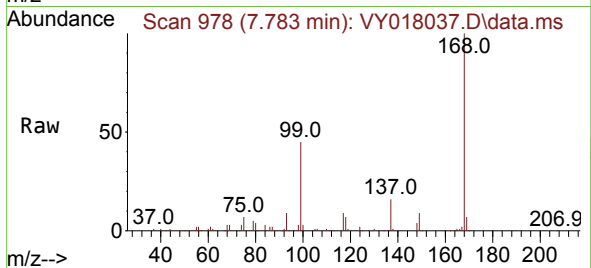
Tgt Ion:113 Resp: 83777
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 21.6 15.9 23.9



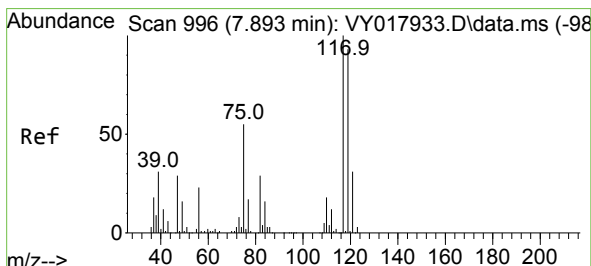
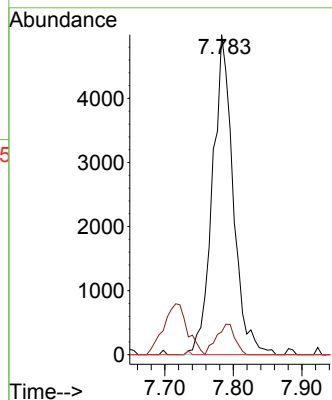
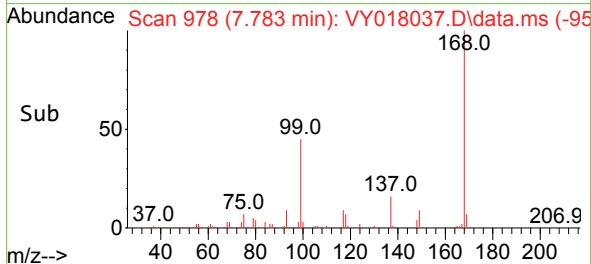


#36
 1,1-Dichloropropene
 Concen: 4.629 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018037.D
 Acq: 24 Apr 2024 15:28

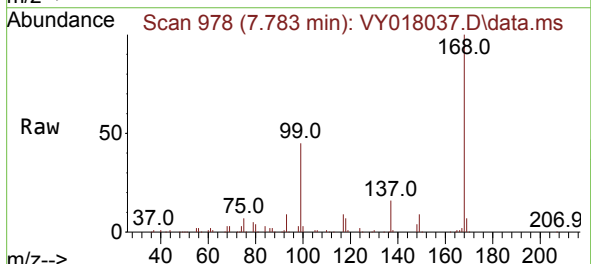
Instrument :
 MSVOA_Y
 ClientSampleId :



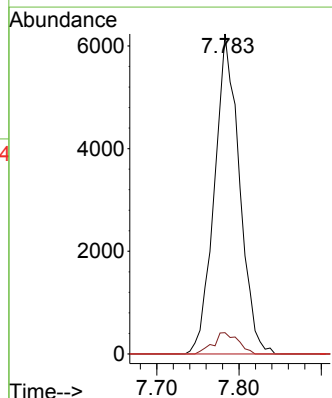
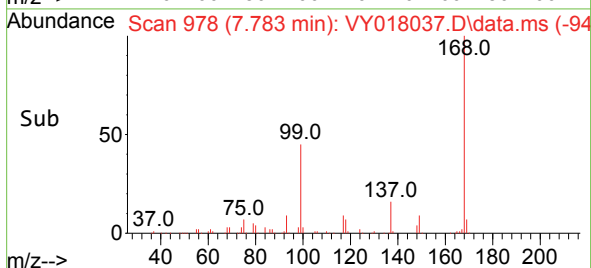
Tgt Ion: 75 Resp: 10443
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.0 57.0#
 77 0.0 25.3 37.9#

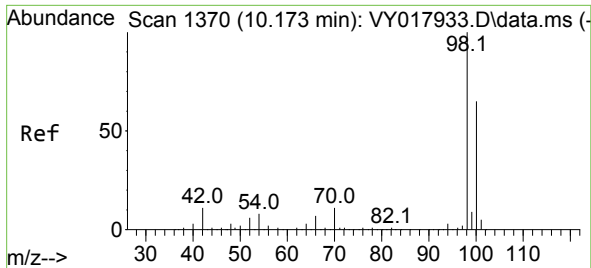


#38
 Carbon Tetrachloride
 Concen: 5.772 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.122 min
 Lab File: VY018037.D
 Acq: 24 Apr 2024 15:28



Tgt Ion: 117 Resp: 13156
 Ion Ratio Lower Upper
 117 100
 119 6.6 75.8 113.6#
 121 0.0 24.0 36.0#

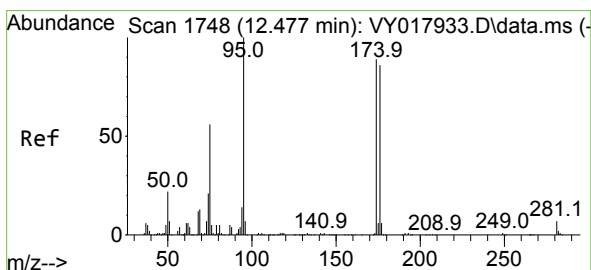
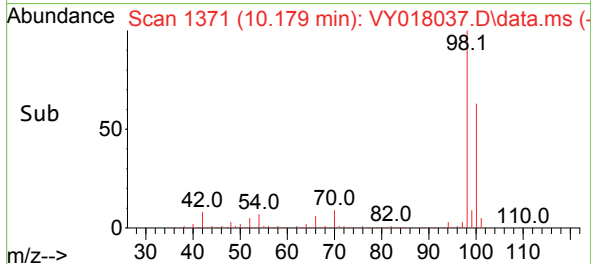
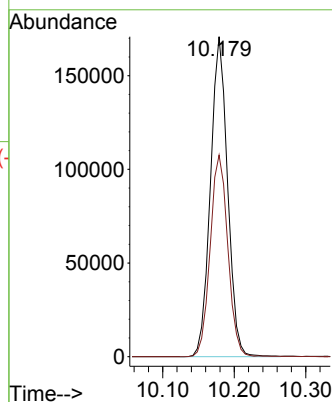
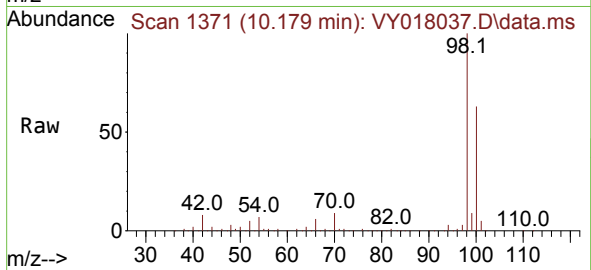




#50
Toluene-d8
Concen: 48.268 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

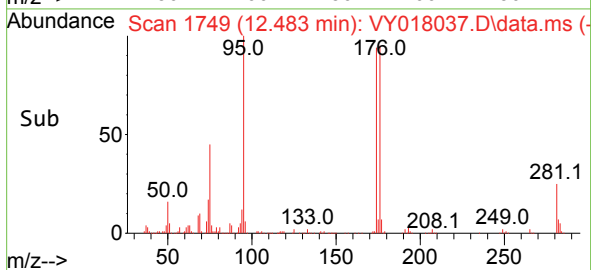
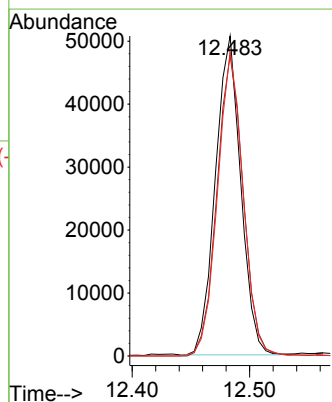
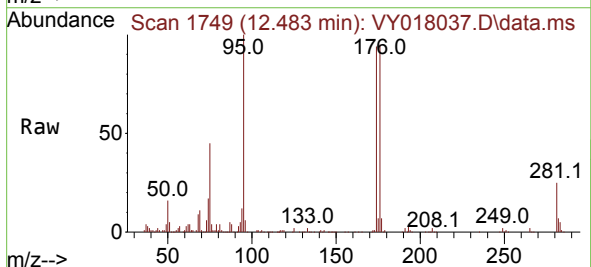
Instrument :
MSVOA_Y
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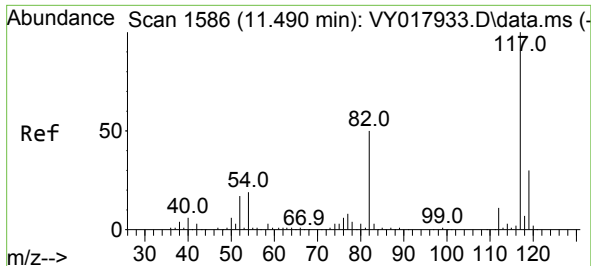
Tgt Ion: 98 Resp: 284103
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion: 95 Resp: 75763
Ion Ratio Lower Upper
95 100
174 98.0 0.0 175.6
176 96.3 0.0 171.4

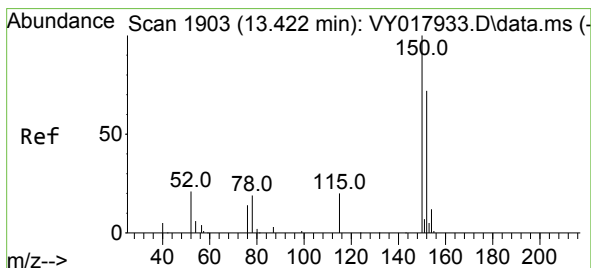
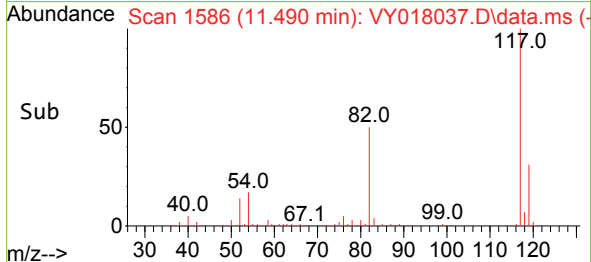
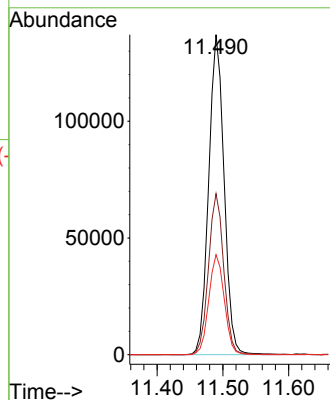
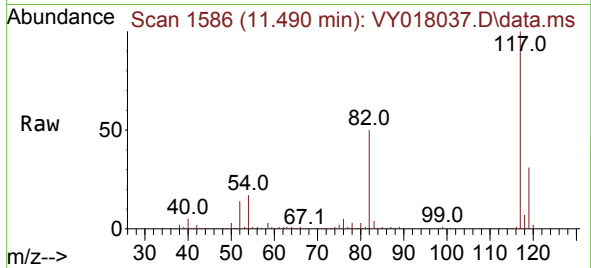




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

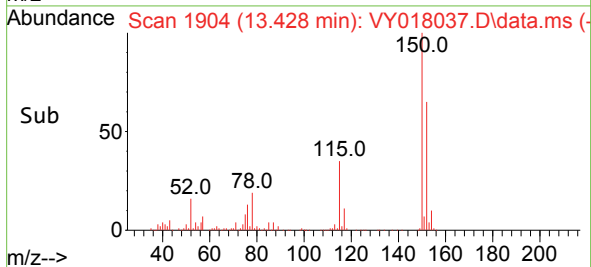
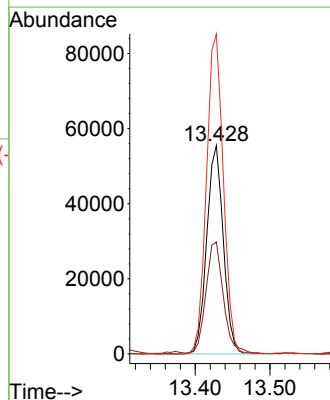
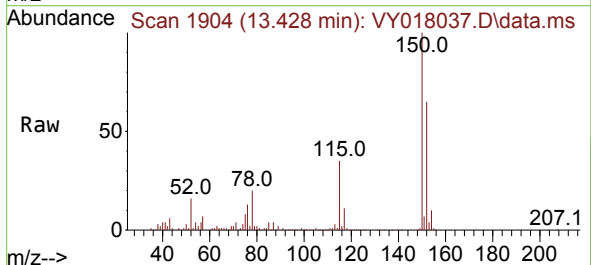
Instrument :
MSVOA_Y
ClientSampleId :

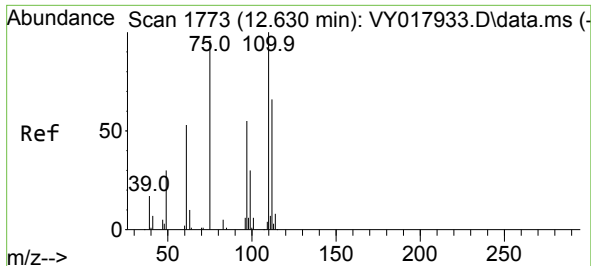
Tgt Ion:117 Resp: 222908
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

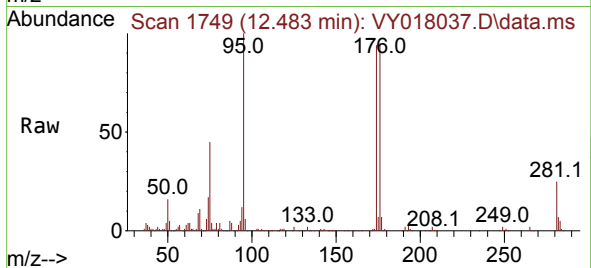
Tgt Ion:152 Resp: 85884
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.5 0.0 345.6



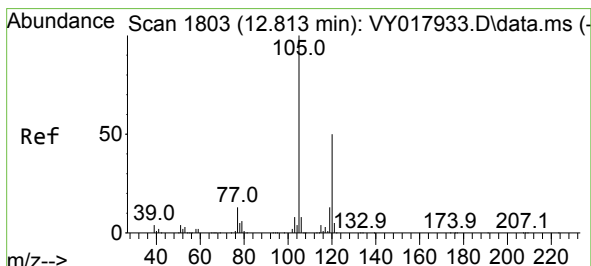
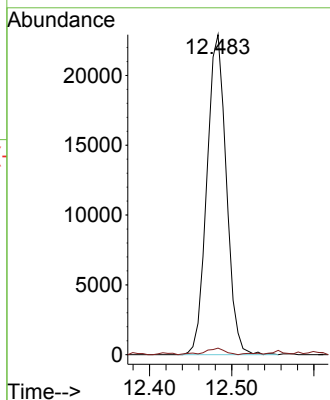
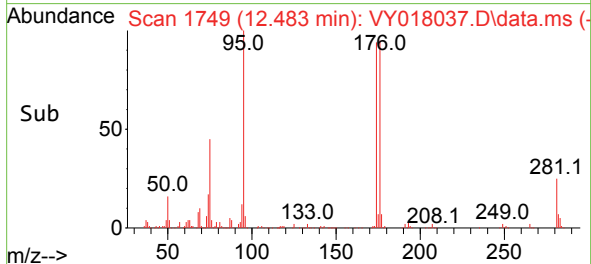


#76
1,2,3-Trichloropropane
Concen: 46.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :

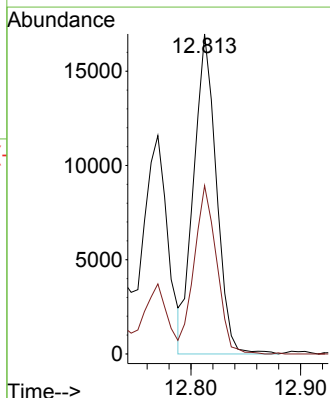
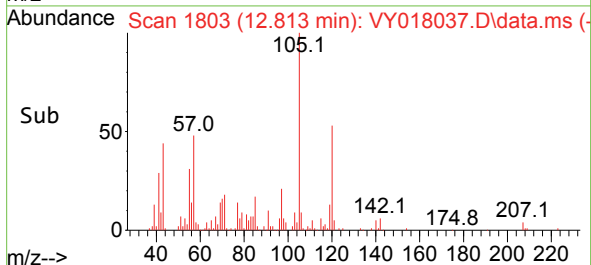
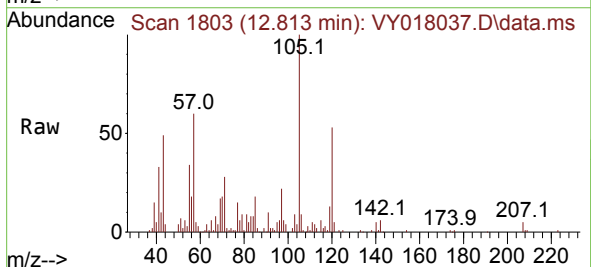


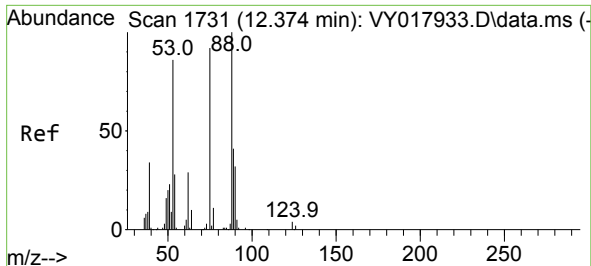
Tgt Ion: 75 Resp: 37609
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 4.908 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

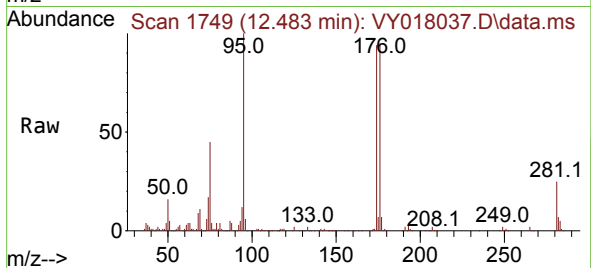
Tgt Ion: 105 Resp: 24356
Ion Ratio Lower Upper
105 100
120 52.5 25.1 75.2



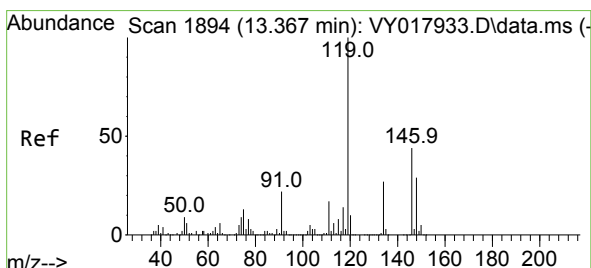
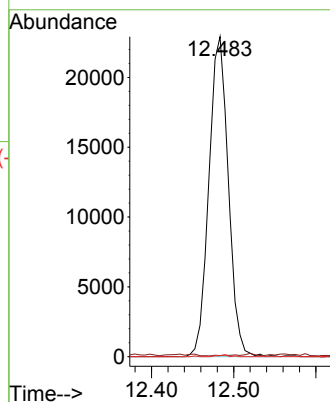
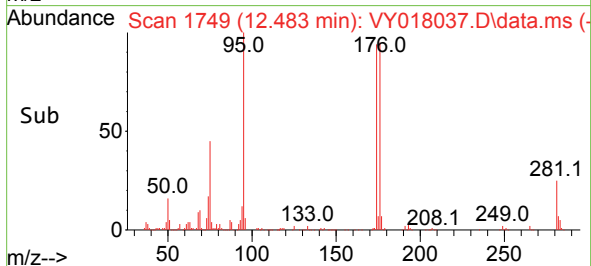


#81
trans-1,4-Dichloro-2-butene
Concen: 96.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Instrument :
MSVOA_Y
ClientSampleId :

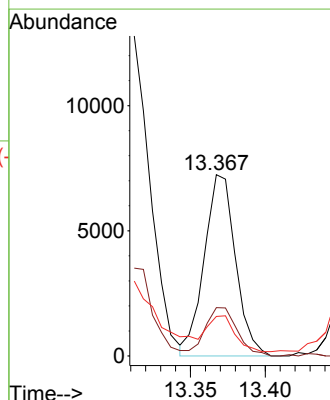
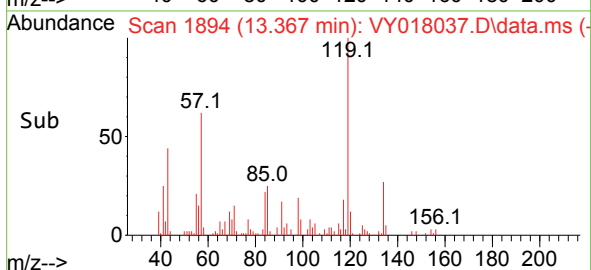
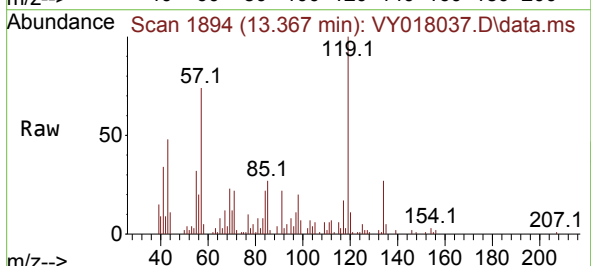


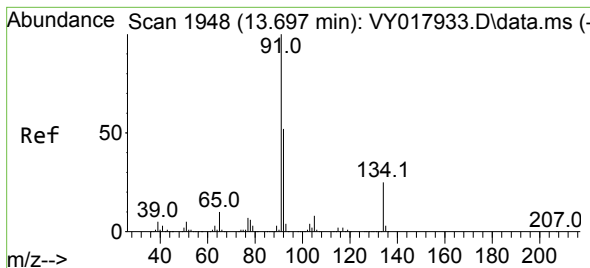
Tgt Ion: 75 Resp: 37609
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#



#86
p-Isopropyltoluene
Concen: 1.884 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018037.D
Acq: 24 Apr 2024 15:28

Tgt Ion: 119 Resp: 10541
Ion Ratio Lower Upper
119 100
134 26.8 13.1 39.3
91 17.2 10.7 32.1





#89

n-Butylbenzene

Concen: 1.463 ug/l

RT: 13.666 min Scan# 1943

Delta R.T. -0.030 min

Lab File: VY018037.D

Acq: 24 Apr 2024 15:28

Instrument :

MSVOA_Y

ClientSampleId :

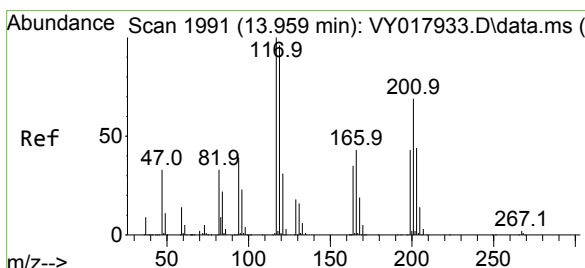
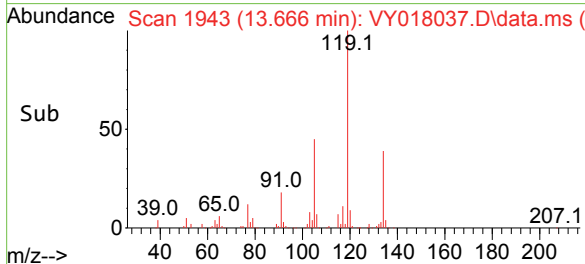
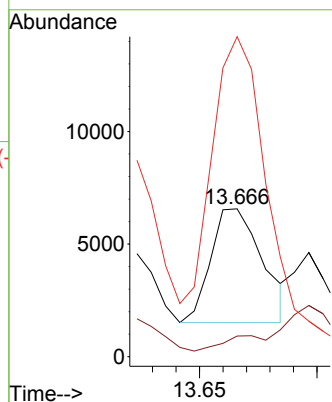
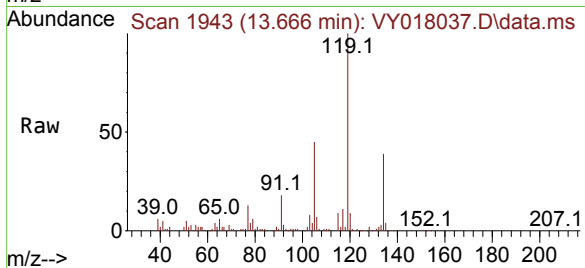
Tgt Ion: 91 Resp: 7698

Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.7#

134 327.0 12.9 38.7#



#90

Hexachloroethane

Concen: 4.544 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY018037.D

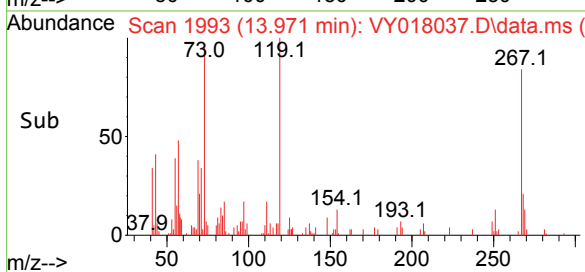
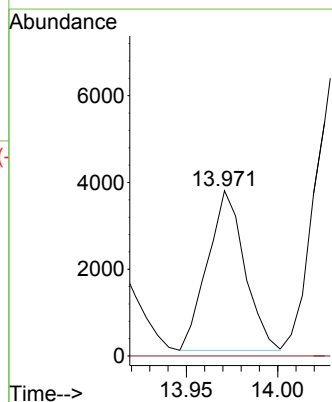
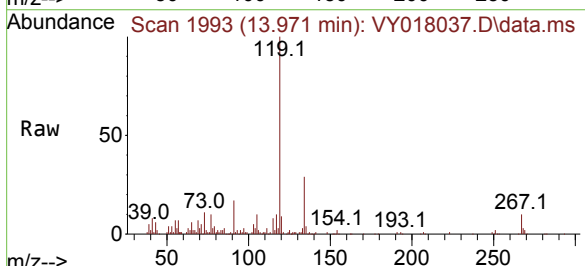
Acq: 24 Apr 2024 15:28

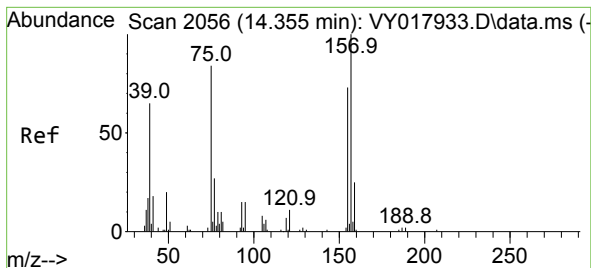
Tgt Ion: 117 Resp: 5212

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#

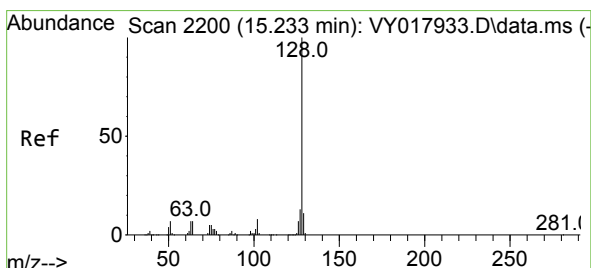
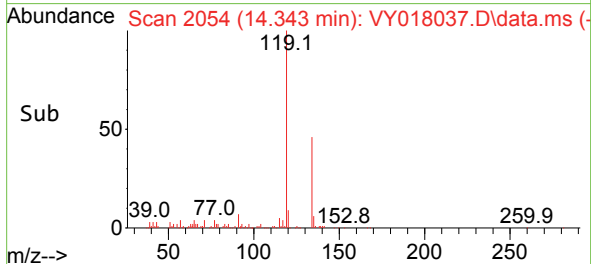
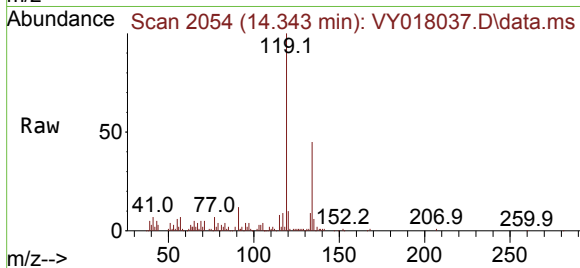




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.665 ug/l
 RT: 14.343 min Scan# 2054
 Delta R.T. -0.012 min
 Lab File: VY018037.D
 Acq: 24 Apr 2024 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 250
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#



#95
 Naphthalene
 Concen: 1.128 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. 0.006 min
 Lab File: VY018037.D
 Acq: 24 Apr 2024 15:28

Tgt Ion: 128 Resp: 2805
 Ion Ratio Lower Upper
 128 100
 127 35.3 10.6 16.0#
 129 0.0 8.6 13.0#

