

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018405.D
 Acq On : 30 May 2024 10:59
 Operator : SY/MD
 Sample : VY0530SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 31 00:58:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

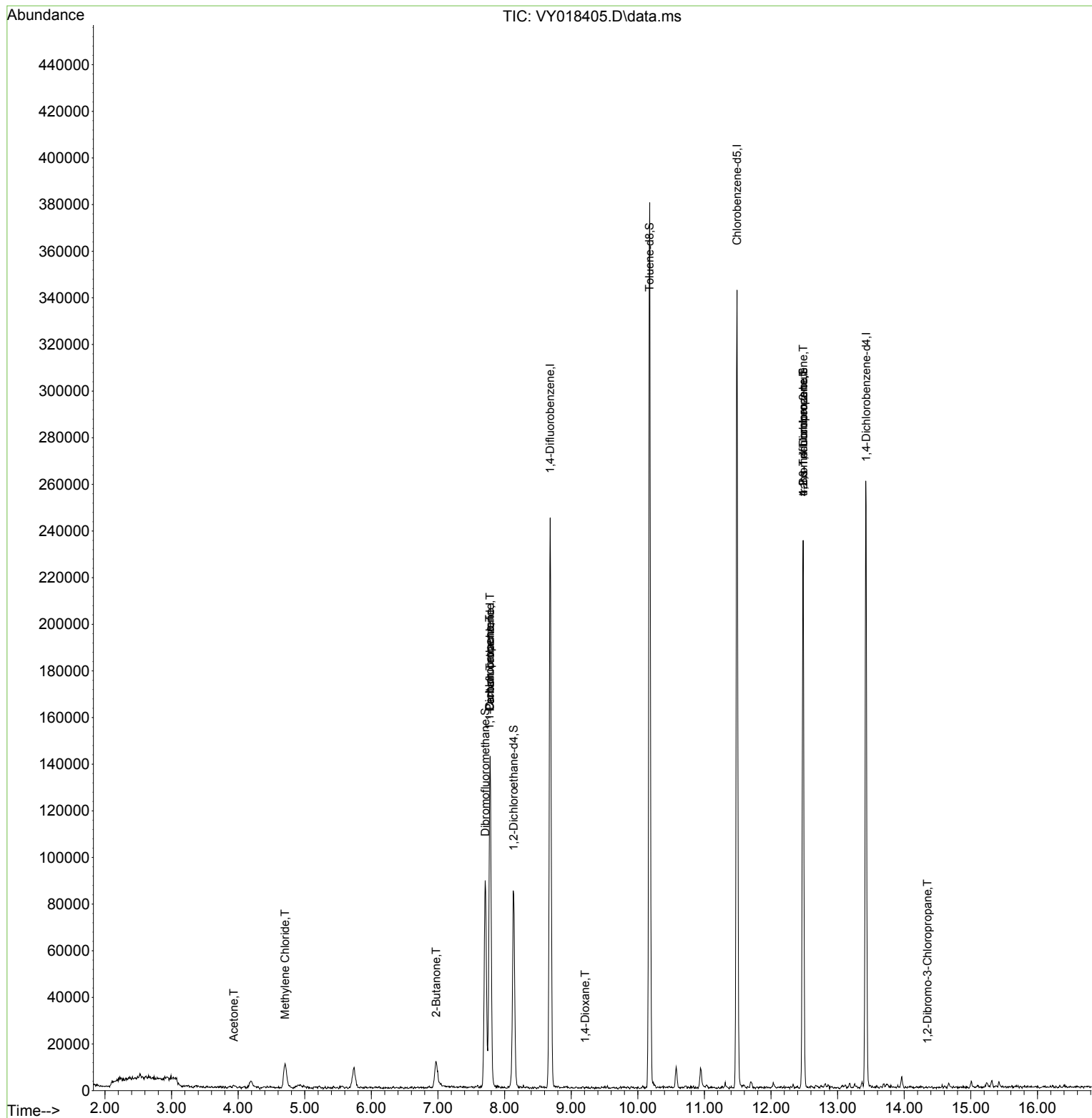
Internal Standards						
1) Pentafluorobenzene	7.783	168	104429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60115	60.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 121.520%		
35) Dibromofluoromethane	7.710	113	63059	52.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 104.460%		
50) Toluene-d8	10.179	98	245034	52.056	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 104.120%		
62) 4-Bromofluorobenzene	12.483	95	71204	48.956	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 97.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.905	59	883	Below Cal	#	88
13) Acrolein	3.692	56	40	Below Cal	#	17
16) Acetone	3.936	43	1435	7.052	ug/l #	76
20) Methylene Chloride	4.704	84	7985	2.186	ug/l #	91
25) 2-Butanone	6.972	43	1319	4.090	ug/l #	41
31) Cyclohexane	7.777	56	2730	Below Cal	#	9
36) 1,1-Dichloropropene	7.777	75	8878	5.071	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11168	6.228	ug/l #	15
49) 1,4-Dioxane	9.209	88	27	2.954	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	37974	66.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37974	137.362	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.349	75	118	1.015	ug/l #	1

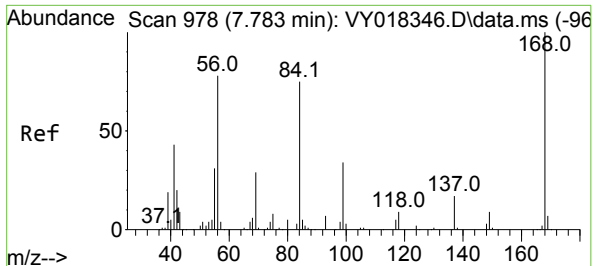
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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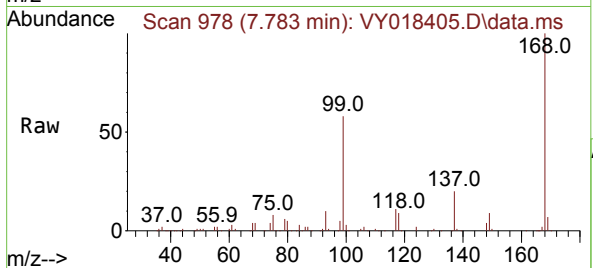
Quant Time: May 31 00:58:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration



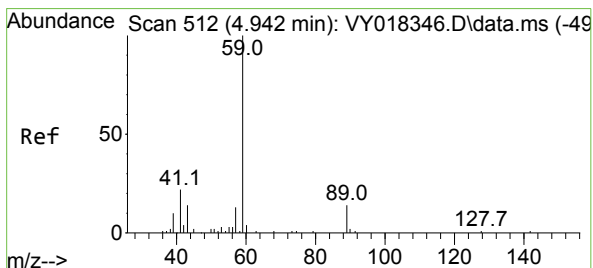
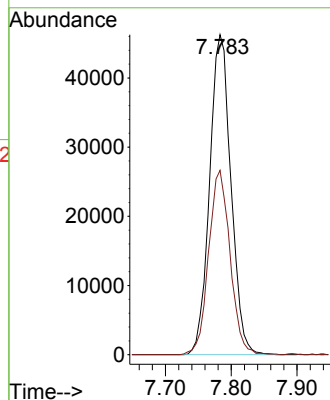
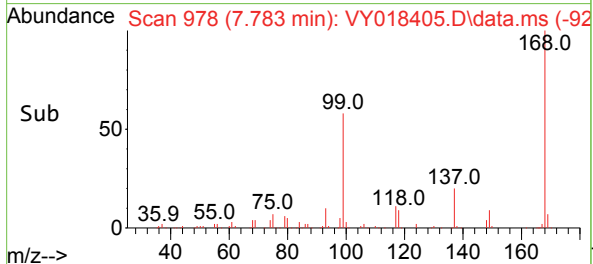


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Instrument :
MSVOA_Y
ClientSampleId :

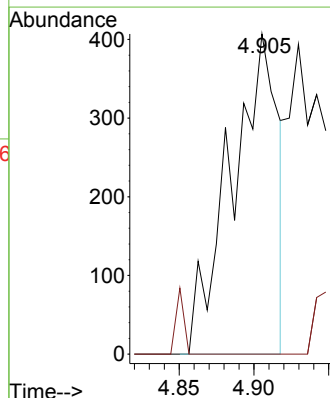
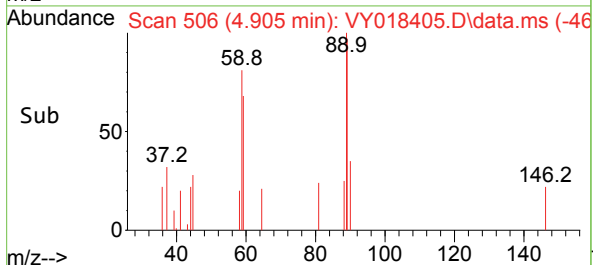
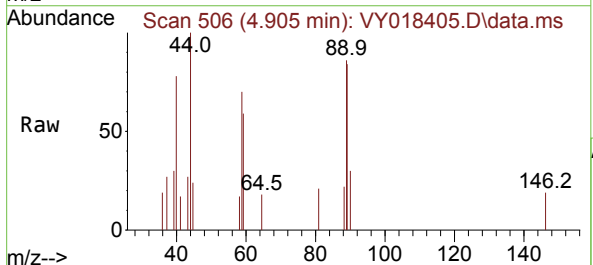


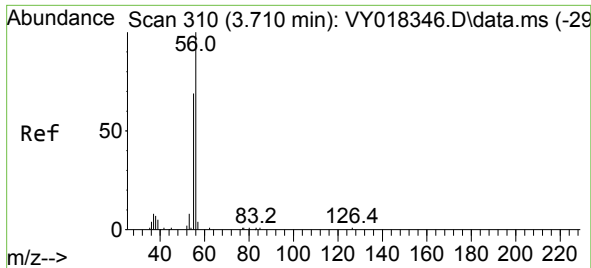
Tgt Ion:168 Resp: 104429
Ion Ratio Lower Upper
168 100
99 57.6 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.037 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Tgt Ion: 59 Resp: 883
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

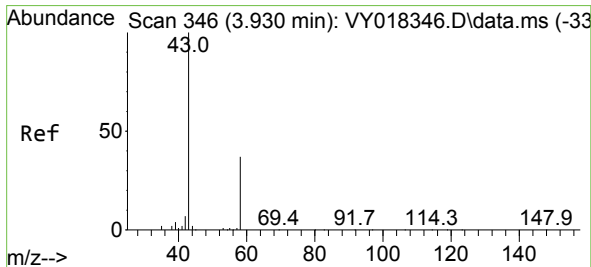
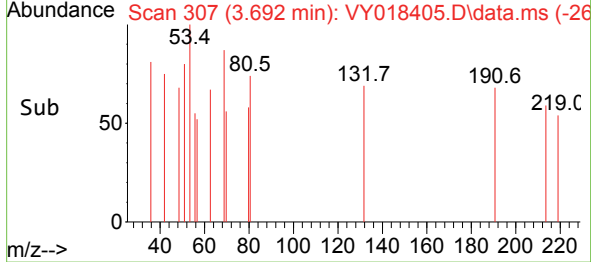
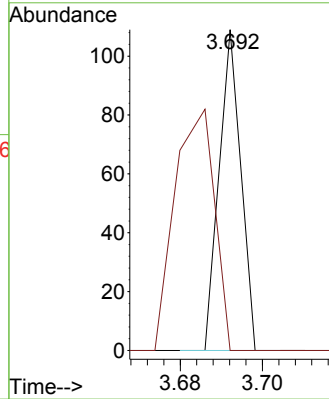
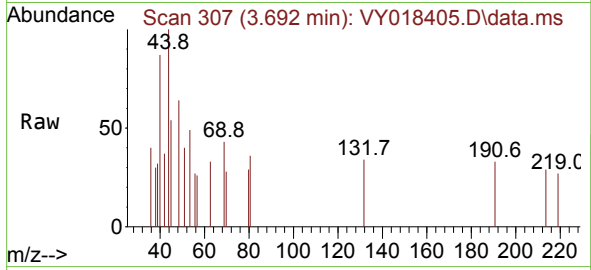




#13
Acrolein
Concen: Below Cal
RT: 3.692 min Scan# 307
Delta R.T. -0.018 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

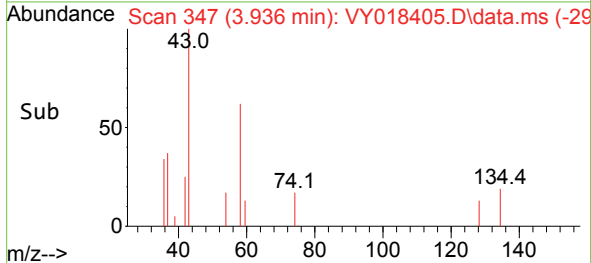
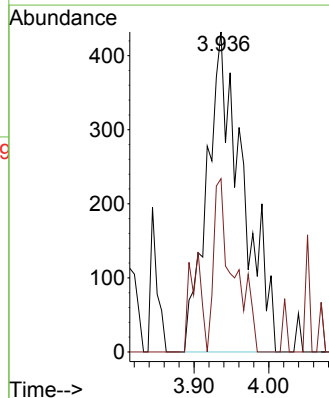
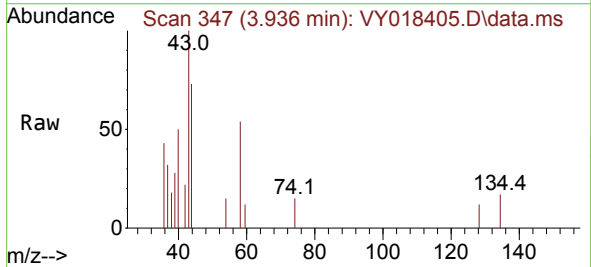
Instrument :
MSVOA_Y
ClientSampleId :

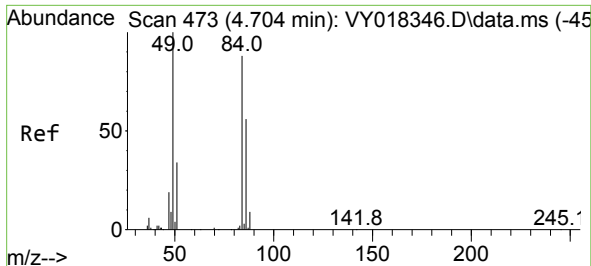
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 137.5 55.7 83.5#



#16
Acetone
Concen: 7.052 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

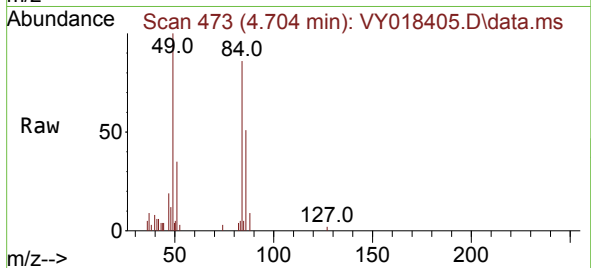
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 54.2 31.7 47.5#



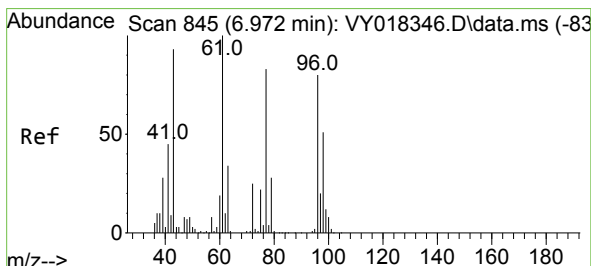
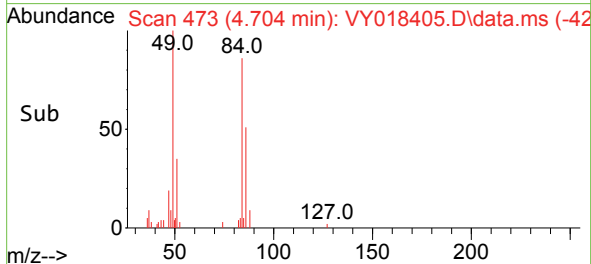
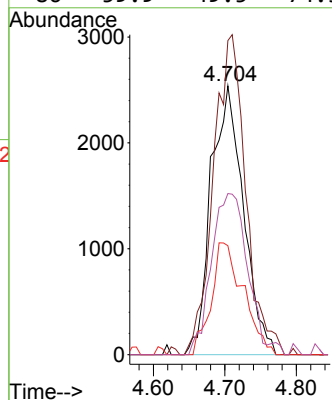


#20
Methylene Chloride
Concen: 2.186 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Instrument :
MSVOA_Y
ClientSampleId :

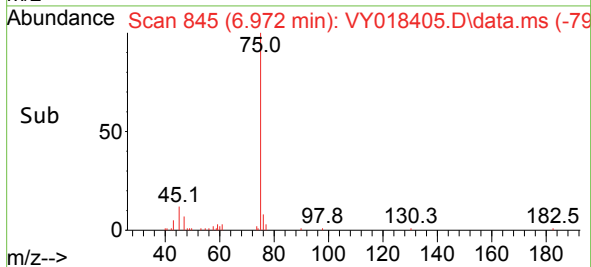
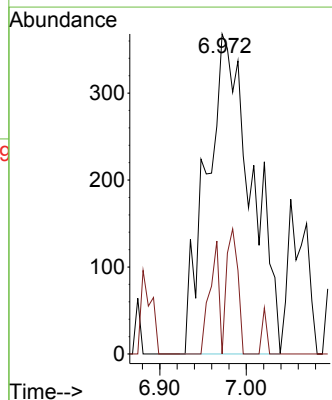
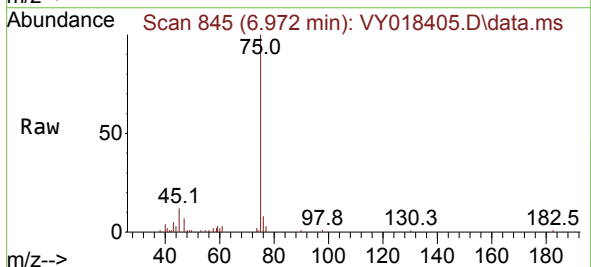


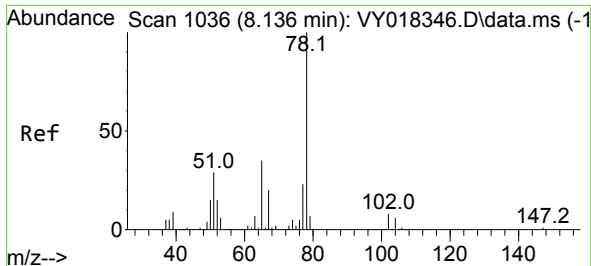
Tgt Ion:	84	Resp:	7985
Ion	Ratio	Lower	Upper
84	100		
49	116.8	84.4	126.6
51	40.5	26.0	39.0#
86	59.9	49.5	74.3



#25
2-Butanone
Concen: 4.090 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Tgt Ion:	43	Resp:	1319
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

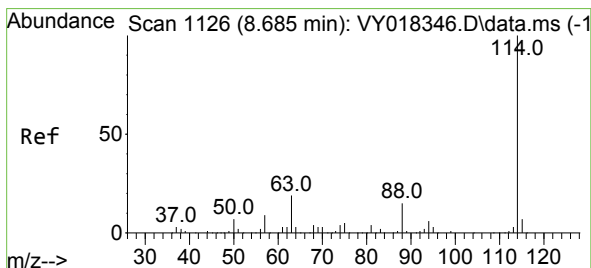
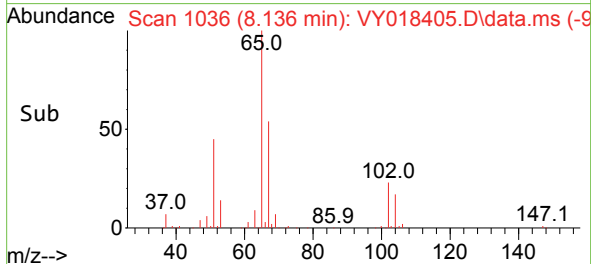
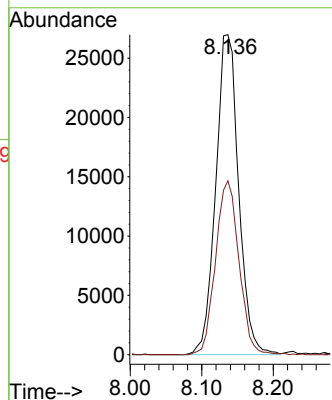
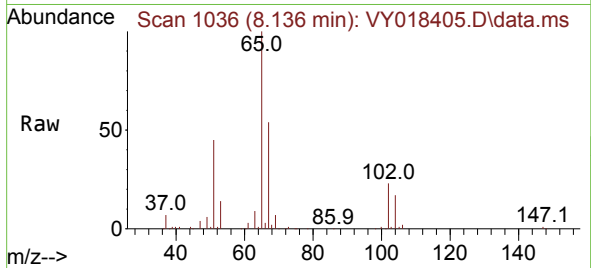




#33
 1,2-Dichloroethane-d4
 Concen: 60.760 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018405.D
 Acq: 30 May 2024 10:59

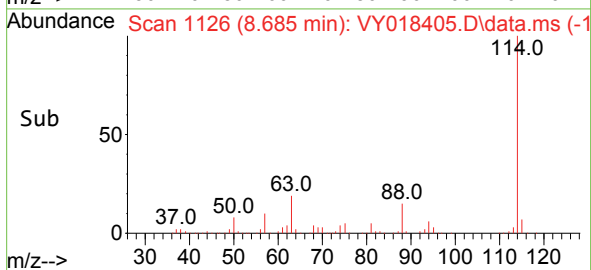
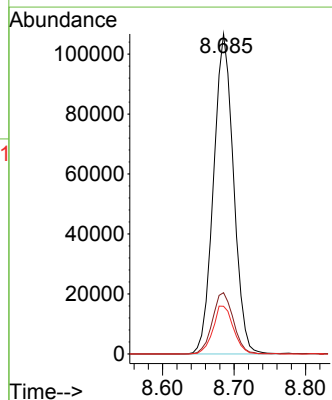
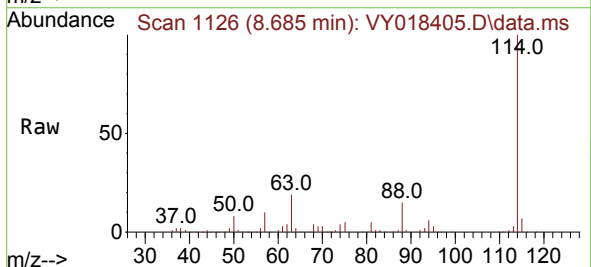
Instrument :
 MSVOA_Y
 ClientSampleId :

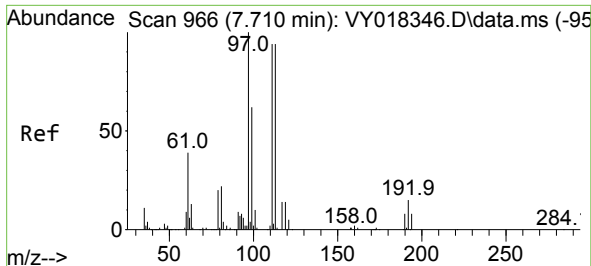
Tgt Ion: 65 Resp: 60115
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018405.D
 Acq: 30 May 2024 10:59

Tgt Ion:114 Resp: 207034
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 35.0
 88 14.9 0.0 27.2

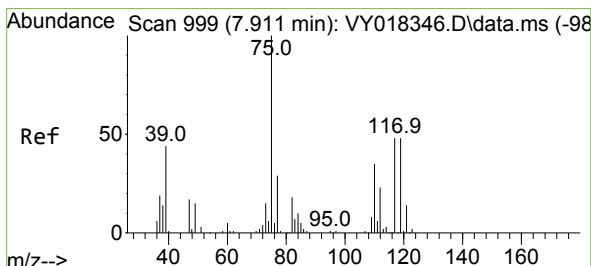
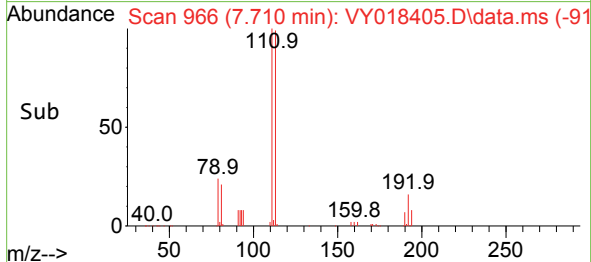
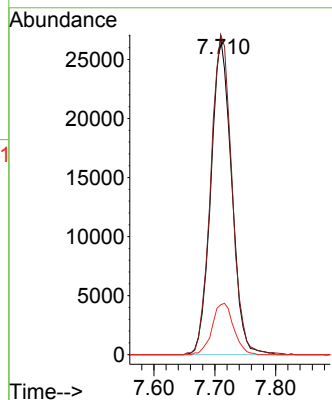
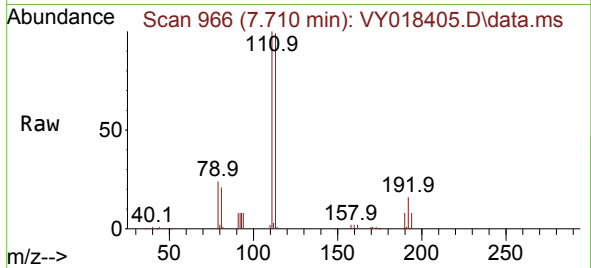




#35
Dibromofluoromethane
Concen: 52.230 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

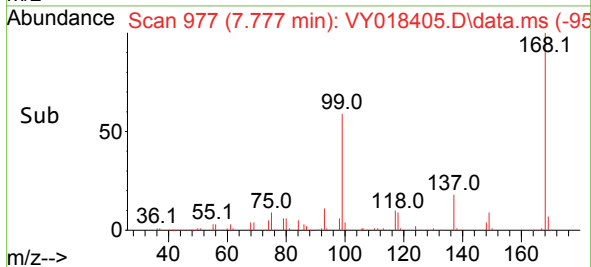
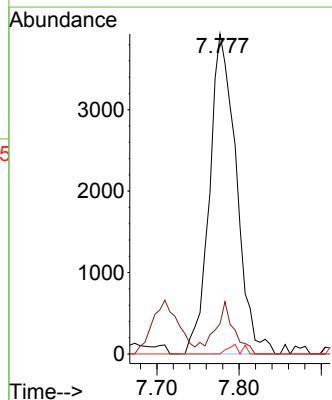
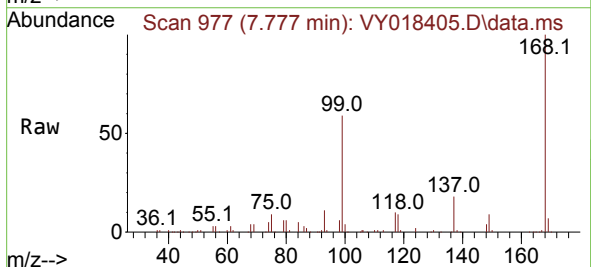
Instrument :
MSVOA_Y
ClientSampleId :

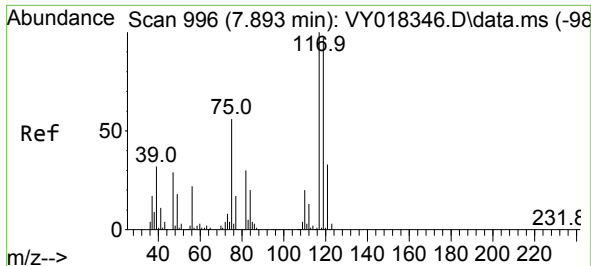
Tgt Ion:113 Resp: 63059
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.071 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

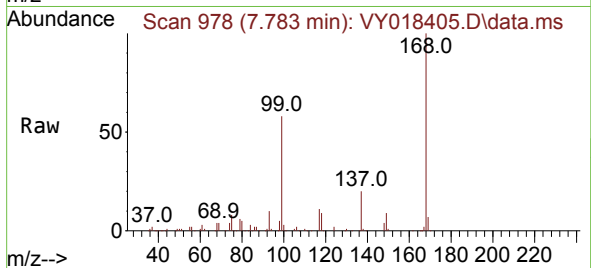
Tgt Ion: 75 Resp: 8878
Ion Ratio Lower Upper
75 100
110 11.6 19.0 57.0#
77 1.5 25.3 37.9#



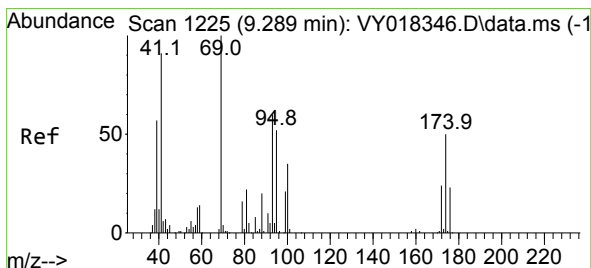
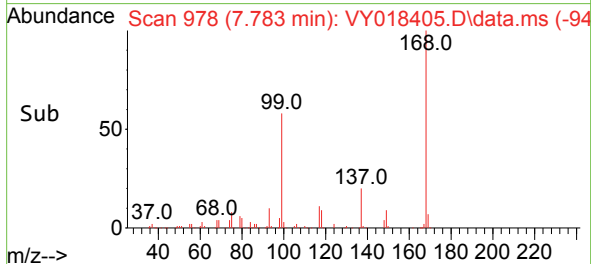
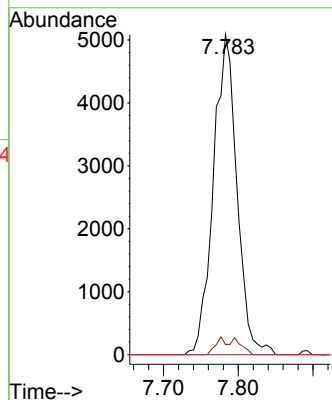


#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Instrument :
MSVOA_Y
ClientSampleId :

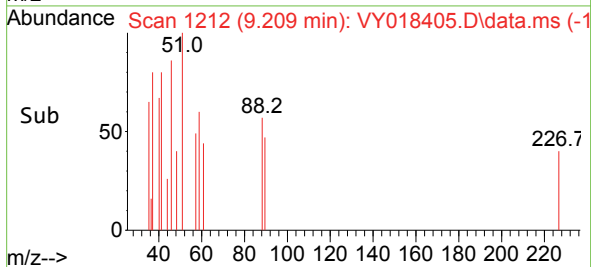
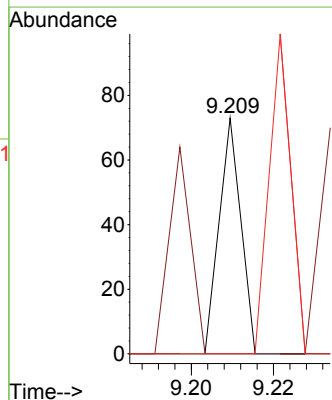
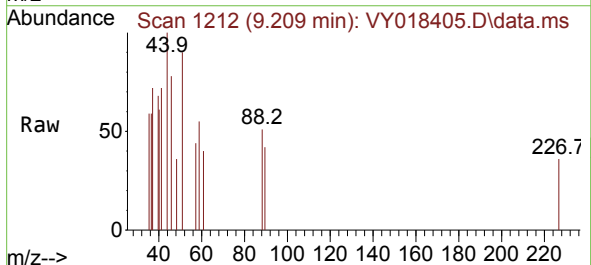


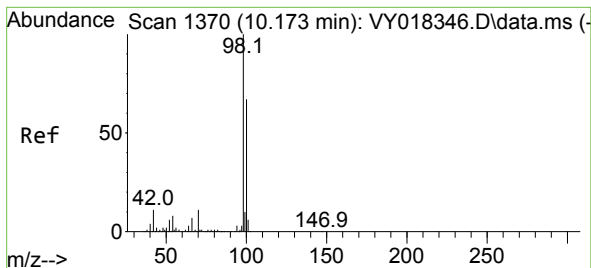
Tgt Ion: 117 Resp: 11168
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.954 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.079 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 85.2 0.0 0.0#
58 0.0 49.3 73.9#

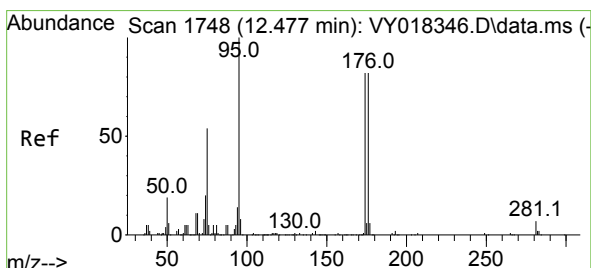
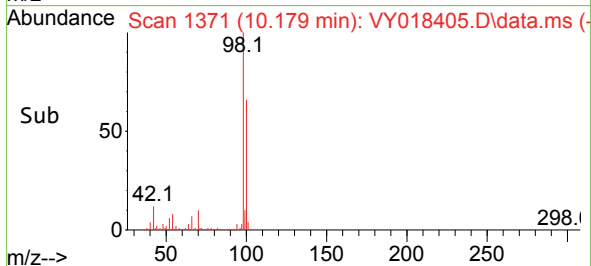
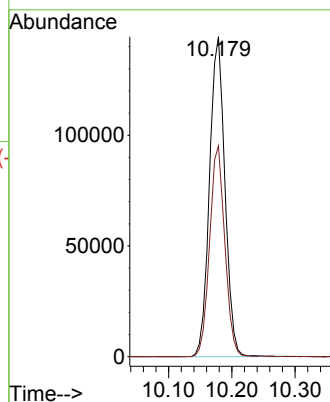
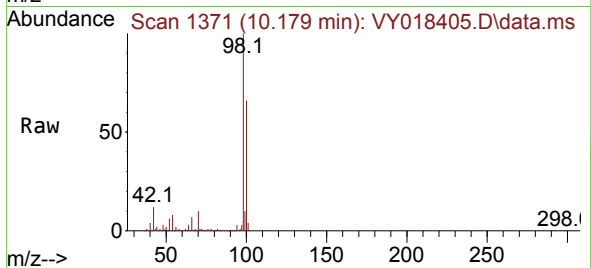




#50
Toluene-d8
Concen: 52.056 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

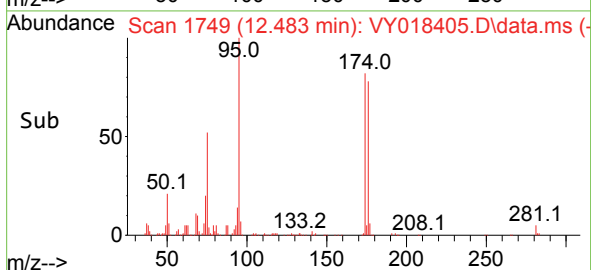
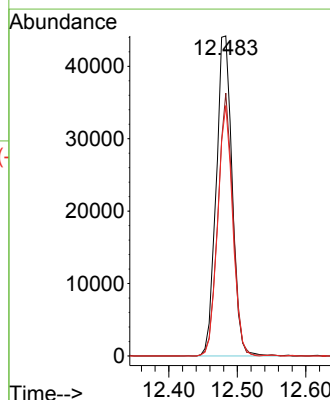
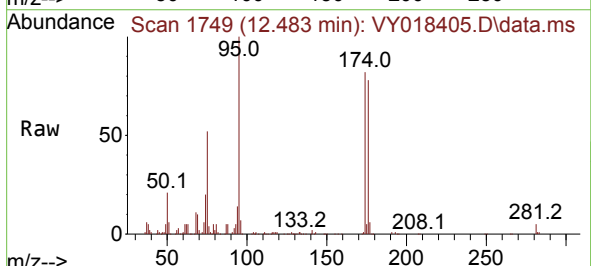
Instrument :
MSVOA_Y
ClientSampleId :

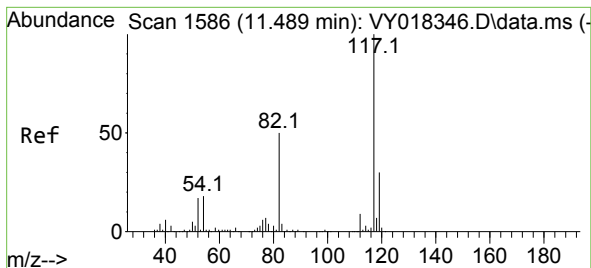
Tgt Ion: 98 Resp: 245034
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Tgt Ion: 95 Resp: 71204
Ion Ratio Lower Upper
95 100
174 77.7 0.0 175.6
176 73.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

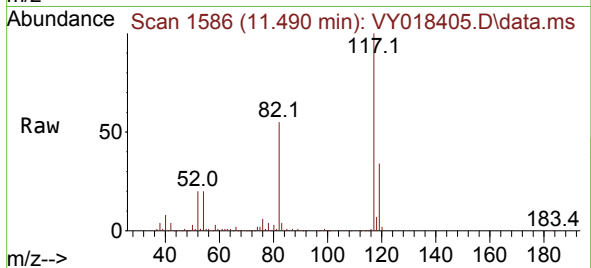
Lab File: VY018405.D

Acq: 30 May 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :



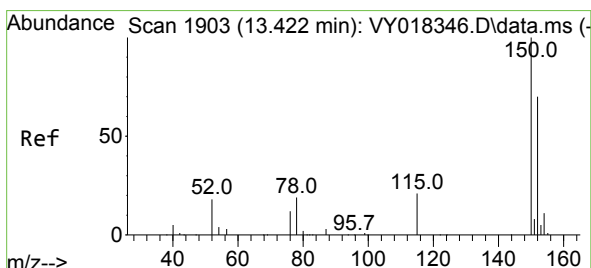
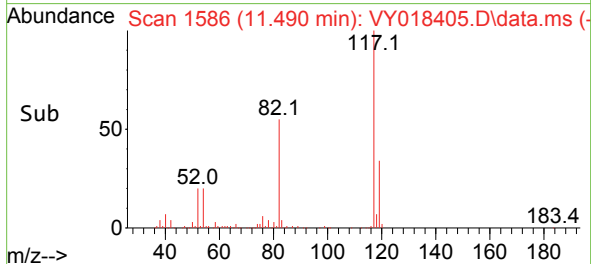
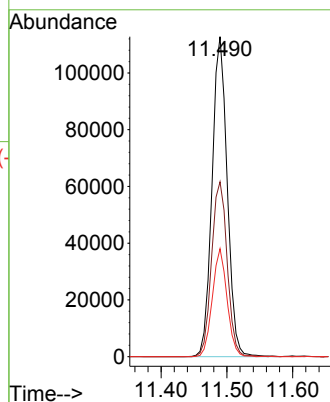
Tgt Ion:117 Resp: 181206

Ion Ratio Lower Upper

117 100

82 54.6 42.4 63.6

119 33.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018405.D

Acq: 30 May 2024 10:59

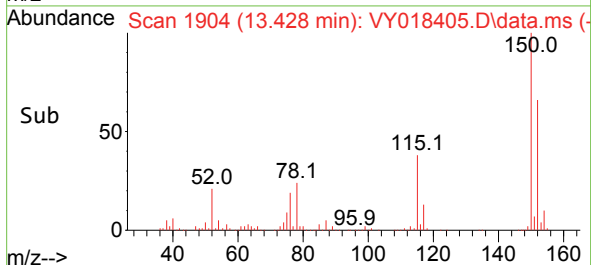
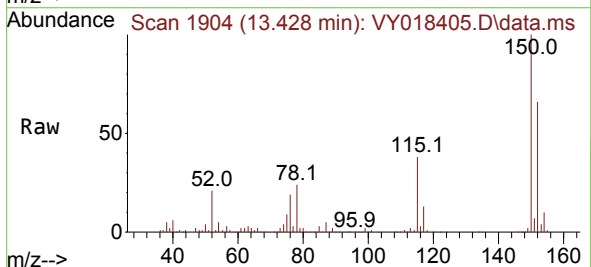
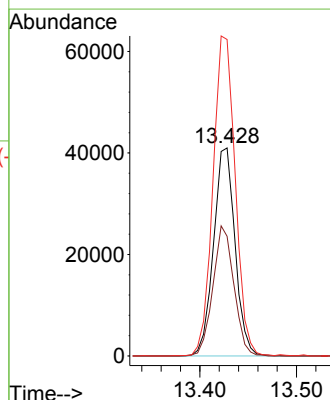
Tgt Ion:152 Resp: 63286

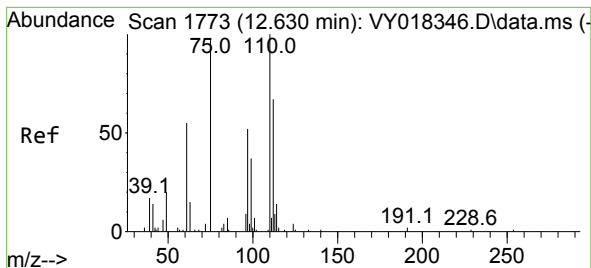
Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 159.0 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 66.762 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY018405.D

Acq: 30 May 2024 10:59

Instrument :

MSVOA_Y

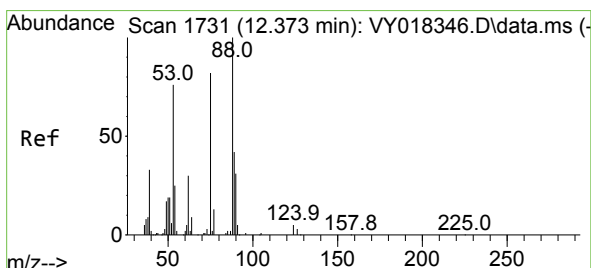
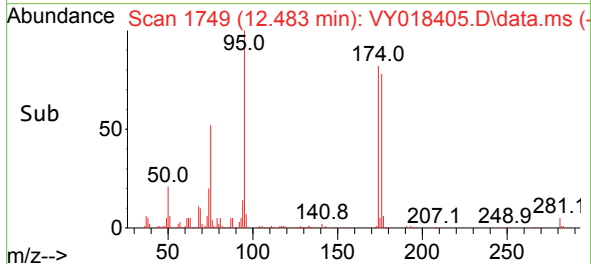
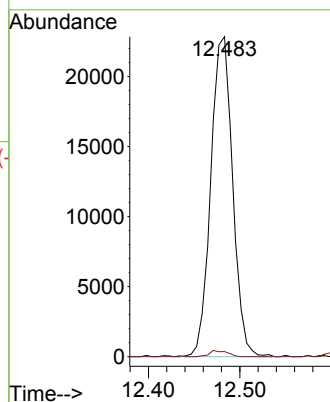
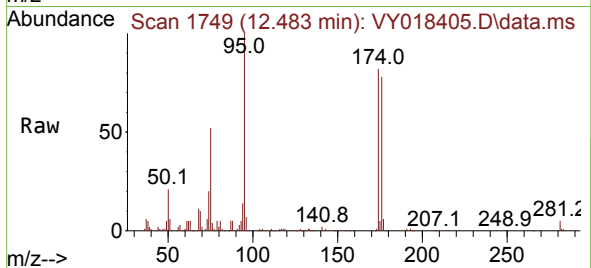
ClientSampleId :

Tgt Ion: 75 Resp: 37974

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.362 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.110 min

Lab File: VY018405.D

Acq: 30 May 2024 10:59

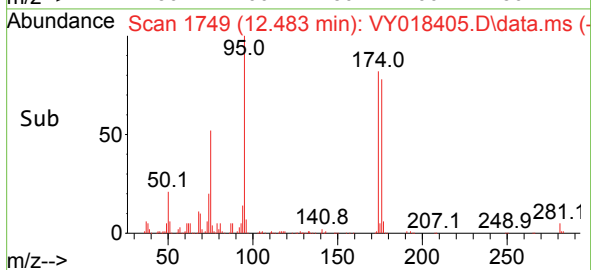
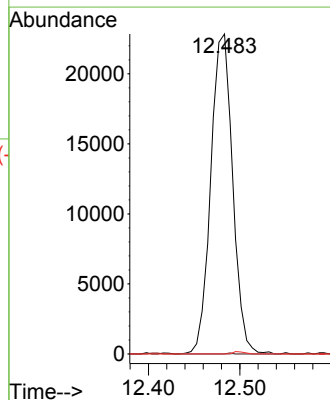
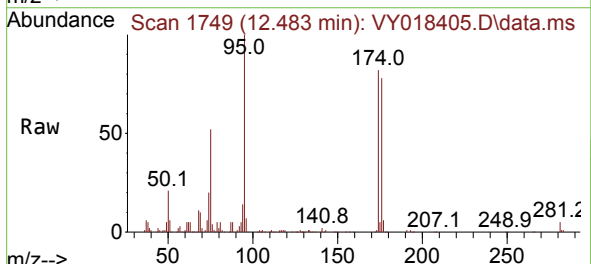
Tgt Ion: 75 Resp: 37974

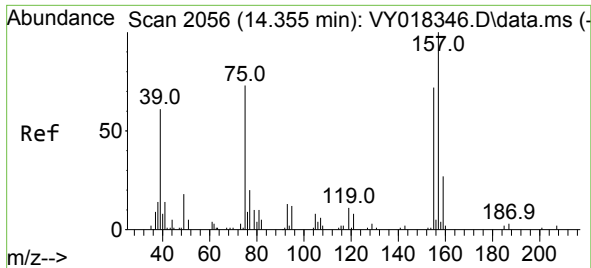
Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

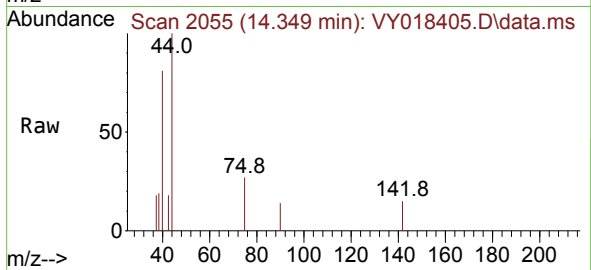
89 0.4 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.015 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY018405.D
 Acq: 30 May 2024 10:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 118
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

