

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018413.D
 Acq On : 30 May 2024 14:40
 Operator : SY/MD
 Sample : P2654-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 31 01:02:16 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)

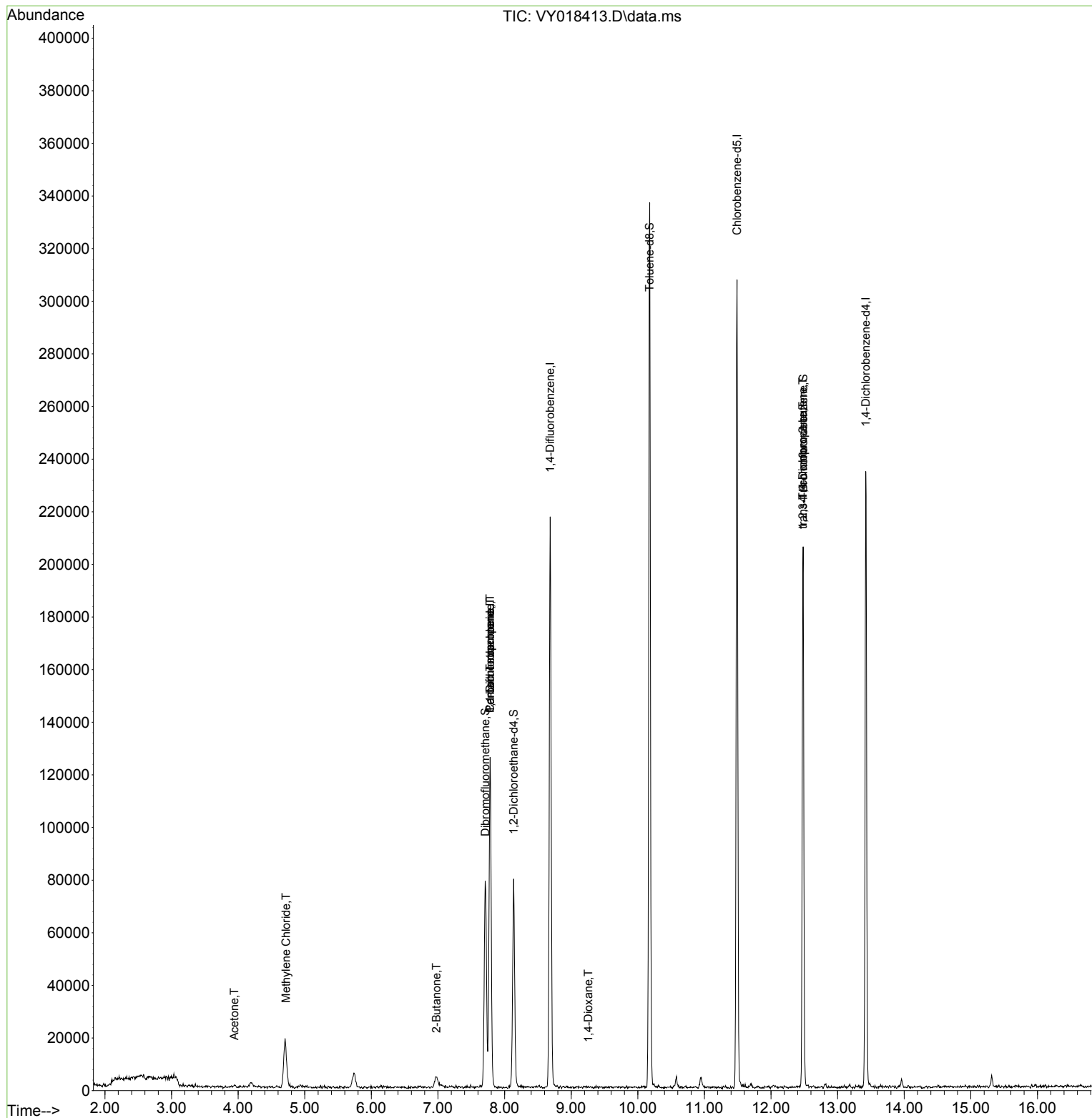
Internal Standards						
1) Pentafluorobenzene	7.783	168	89346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	180037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53228	62.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.760%	
35) Dibromofluoromethane	7.710	113	56031	53.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.740%	
50) Toluene-d8	10.179	98	220572	53.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.483	95	62557	49.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	545	Below Cal	#	70
13) Acrolein	3.704	56	40	Below Cal	#	1
16) Acetone	3.942	43	858	4.928	ug/l #	58
20) Methylene Chloride	4.716	84	13004	9.003	ug/l	91
25) 2-Butanone	6.978	43	346	1.254	ug/l #	41
31) Cyclohexane	7.777	56	2538	Below Cal	#	29
36) 1,1-Dichloropropene	7.783	75	8468	5.562	ug/l #	48
38) Carbon Tetrachloride	7.783	117	9534	6.114	ug/l #	17
49) 1,4-Dioxane	9.258	88	26	3.271	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	33976	66.817	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33976	137.476	ug/l #	16

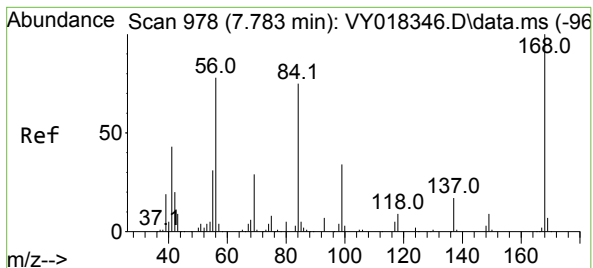
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

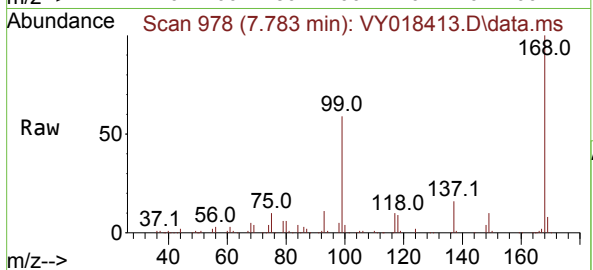
Lab File: VY018413.D

Acq: 30 May 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

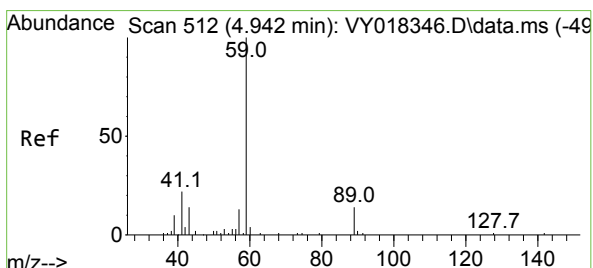
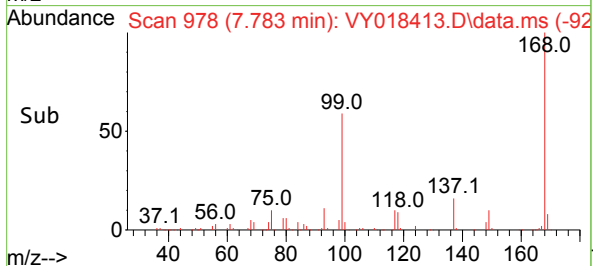
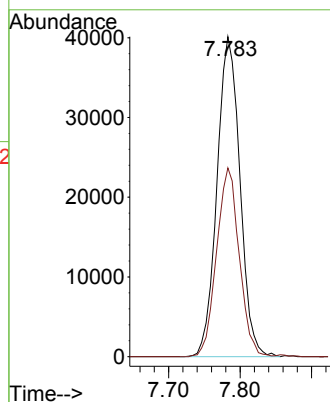


Tgt Ion:168 Resp: 89346

Ion Ratio Lower Upper

168 100

99 59.0 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY018413.D

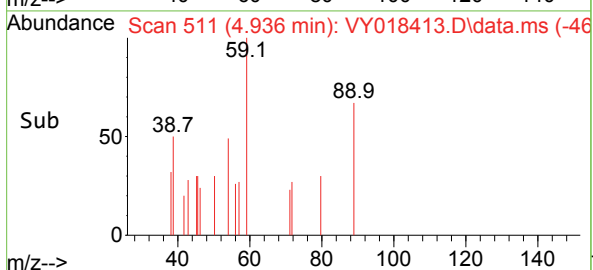
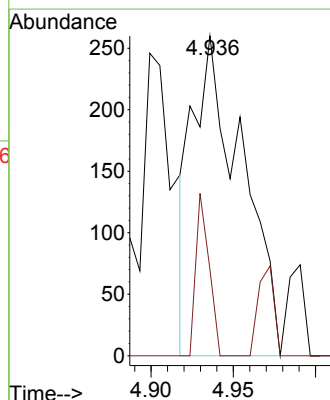
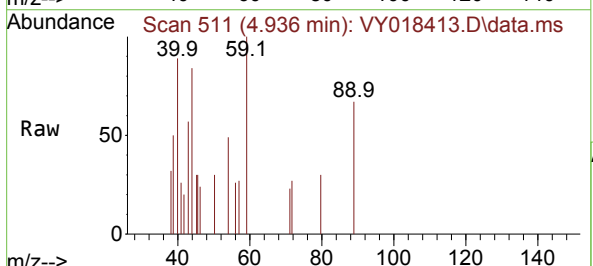
Acq: 30 May 2024 14:40

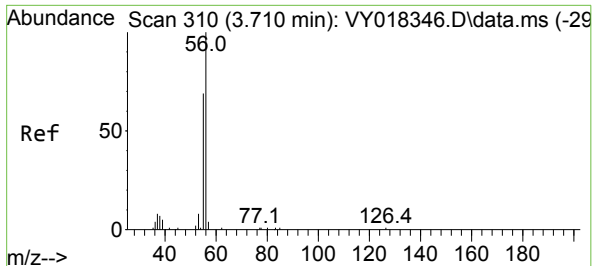
Tgt Ion: 59 Resp: 545

Ion Ratio Lower Upper

59 100

57 13.6 3.0 4.6#

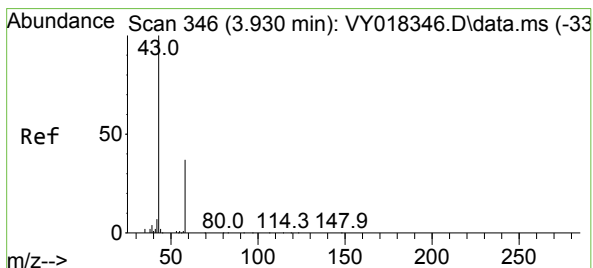
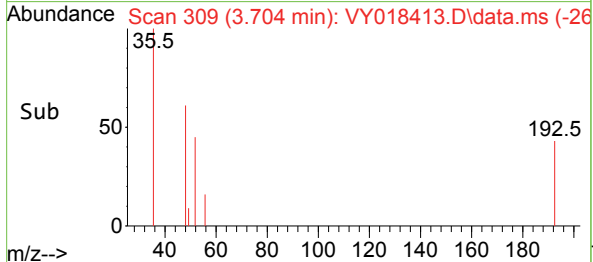
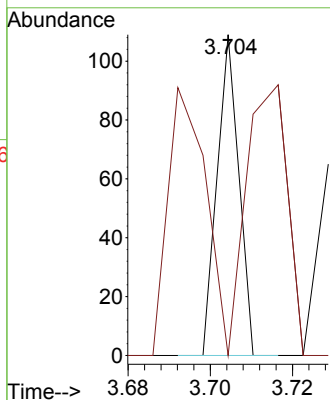
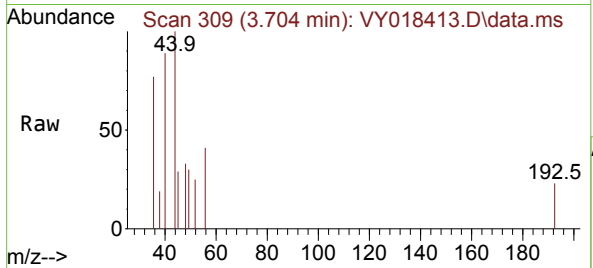




#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.006 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

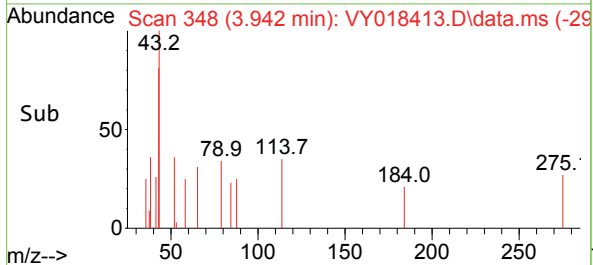
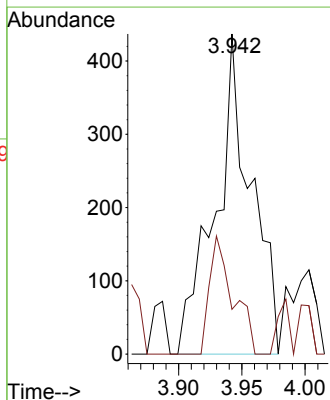
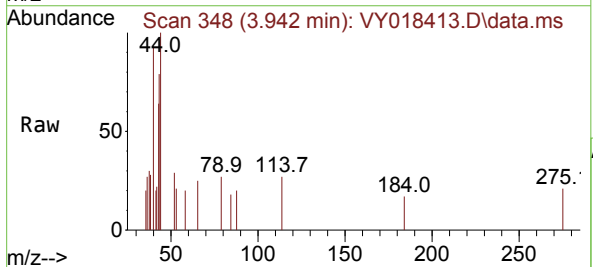
Instrument :
MSVOA_Y
ClientSampleId :

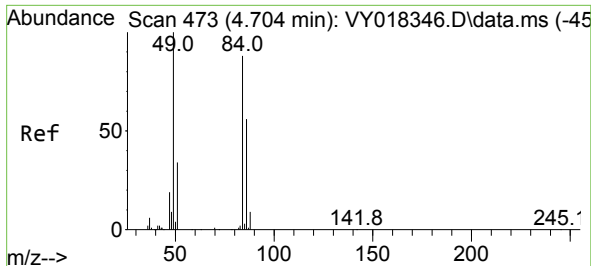
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 160.0 55.7 83.5#



#16
Acetone
Concen: 4.928 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

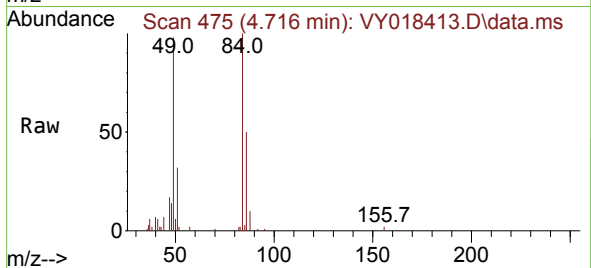
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 14.0 31.7 47.5#



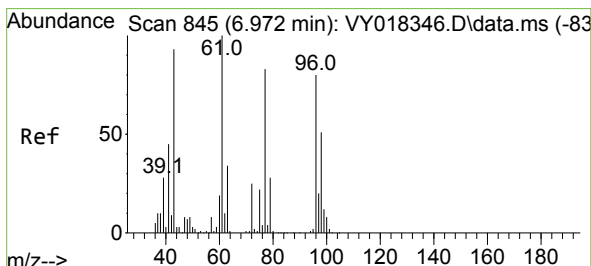
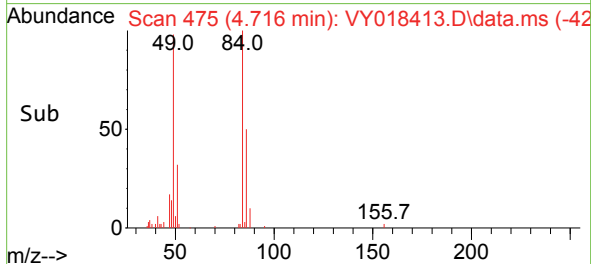
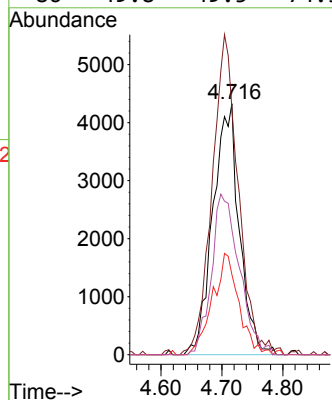


#20
Methylene Chloride
Concen: 9.003 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

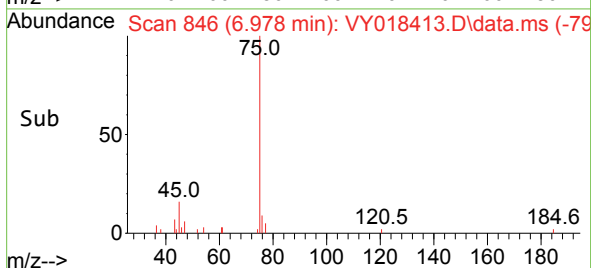
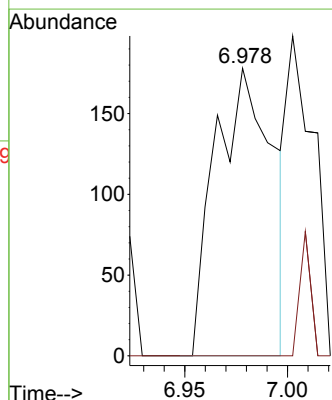
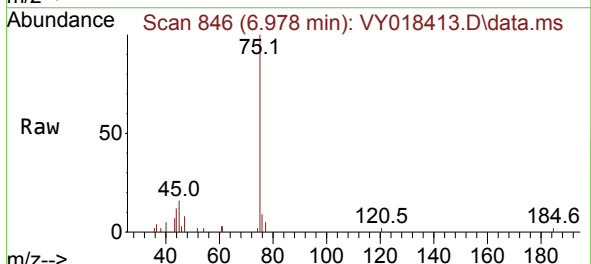


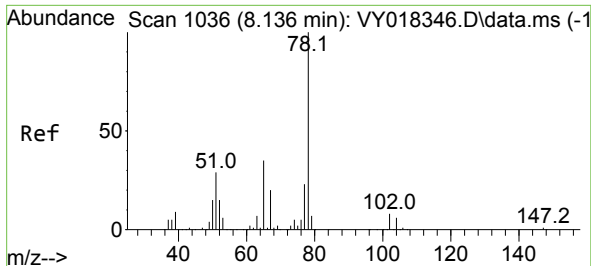
Tgt Ion: 84	Resp: 13004
Ion Ratio	Lower Upper
84 100	
49 98.1	84.4 126.6
51 31.9	26.0 39.0
86 49.8	49.5 74.3



#25
2-Butanone
Concen: 1.254 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Tgt Ion: 43	Resp: 346		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	27.3	40.9#	

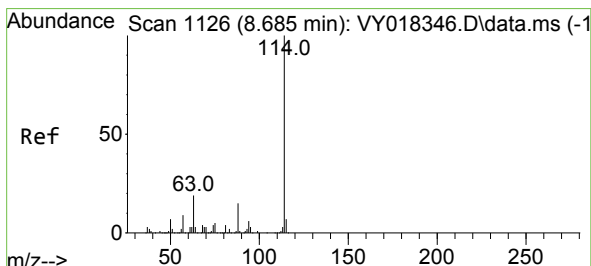
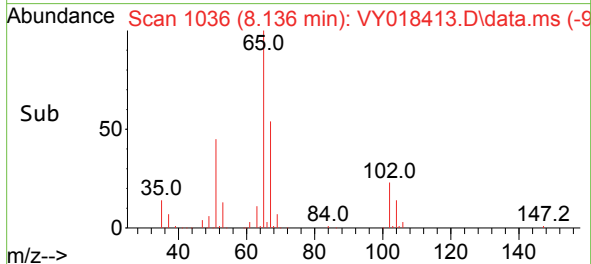
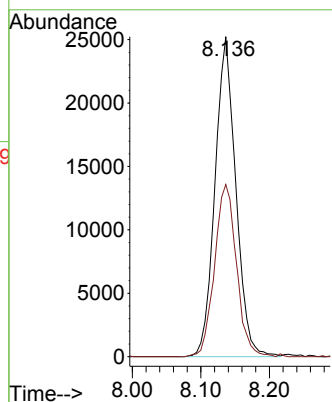
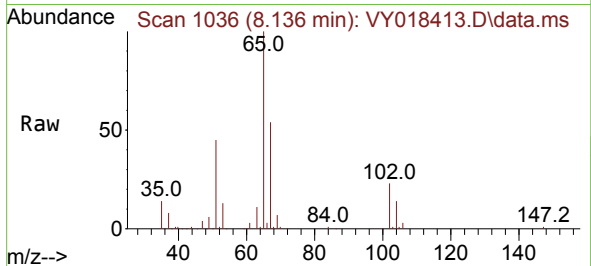




#33
 1,2-Dichloroethane-d4
 Concen: 62.882 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018413.D
 Acq: 30 May 2024 14:40

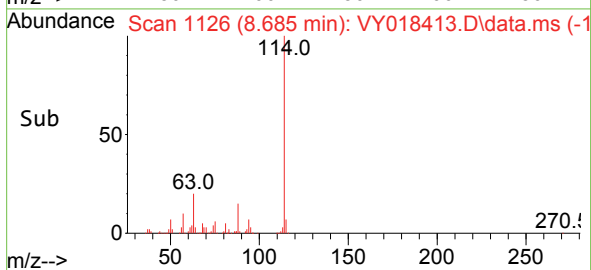
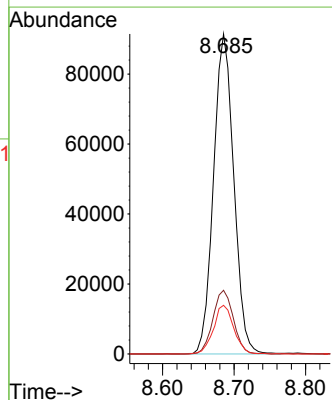
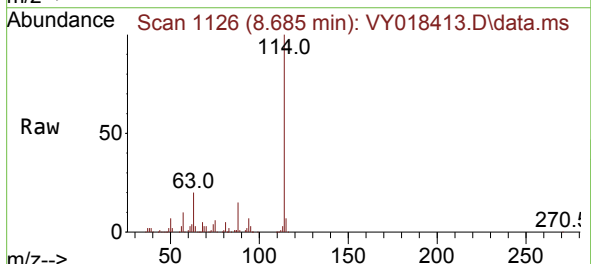
Instrument :
 MSVOA_Y
 ClientSampleId :

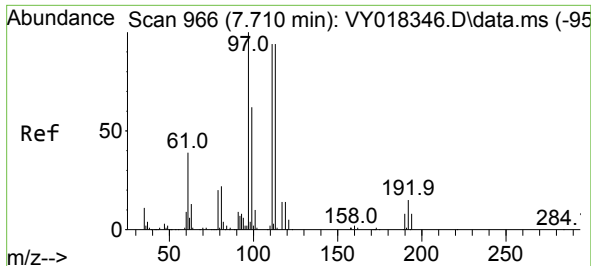
Tgt Ion: 65 Resp: 53228
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018413.D
 Acq: 30 May 2024 14:40

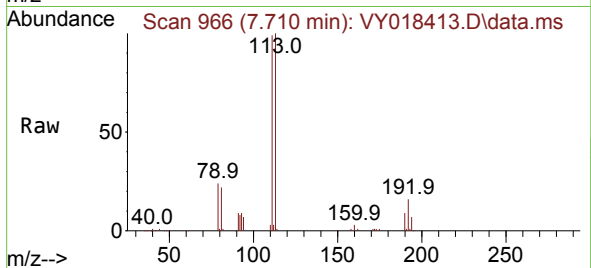
Tgt Ion:114 Resp: 180037
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 35.0
 88 15.2 0.0 27.2



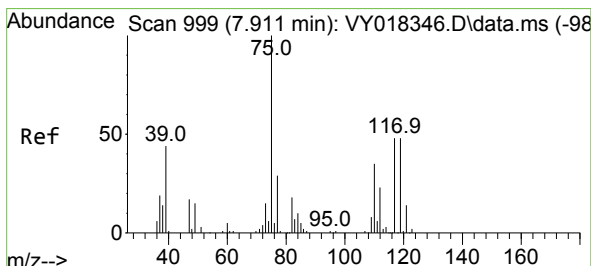
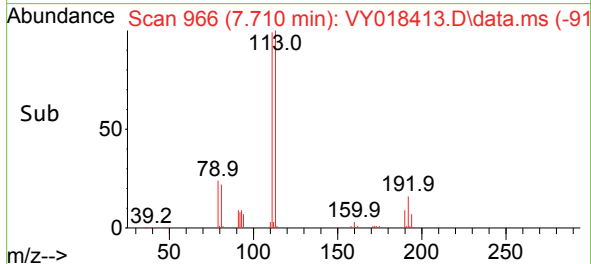
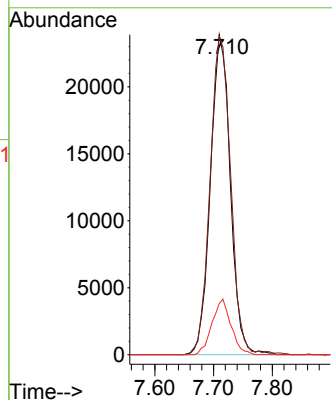


#35
Dibromofluoromethane
Concen: 53.369 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

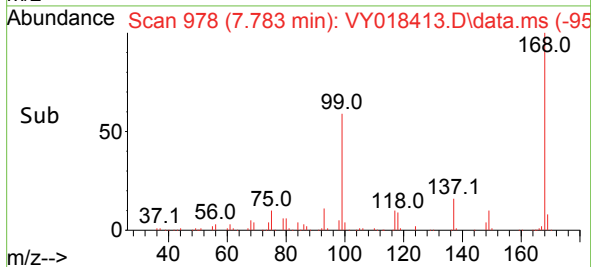
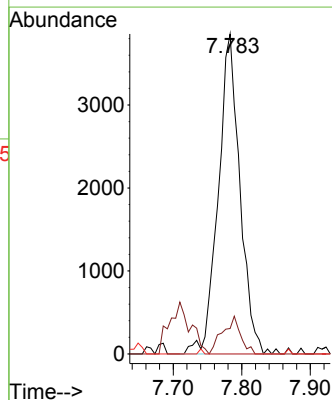
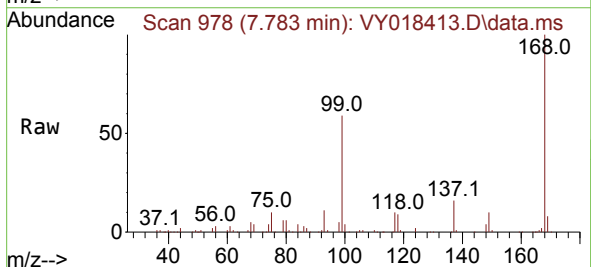


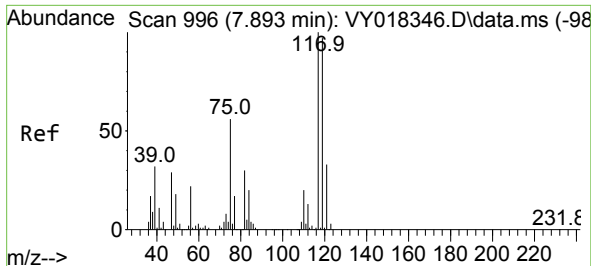
Tgt Ion:113 Resp: 56031
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.562 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

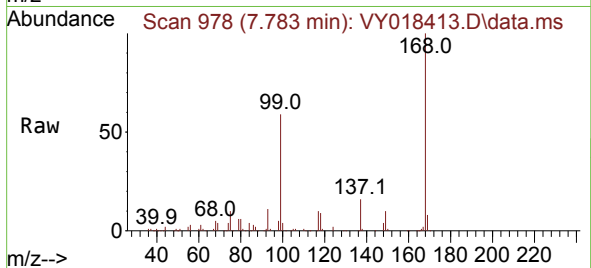
Tgt Ion: 75 Resp: 8468
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



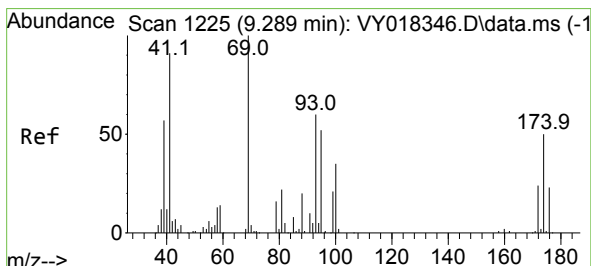
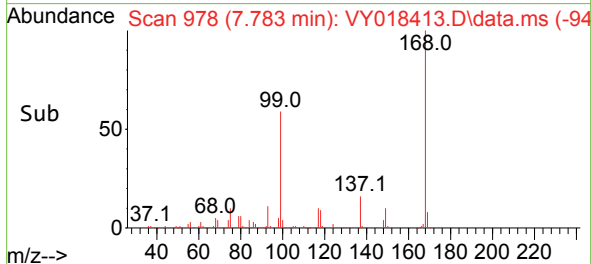
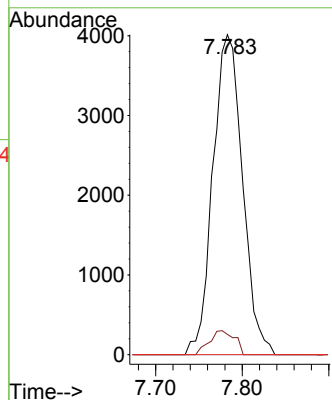


#38
Carbon Tetrachloride
Concen: 6.114 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

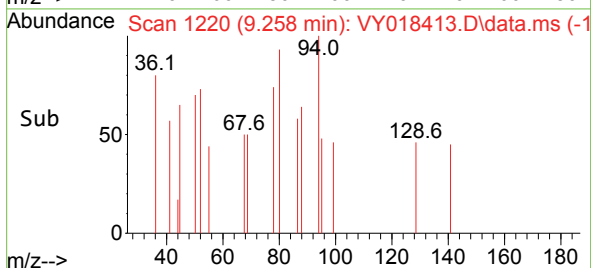
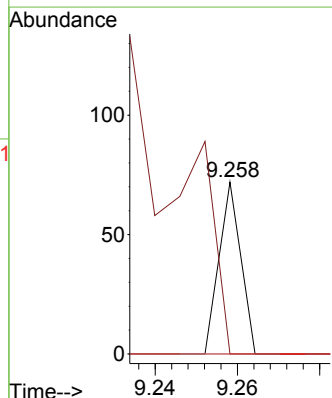
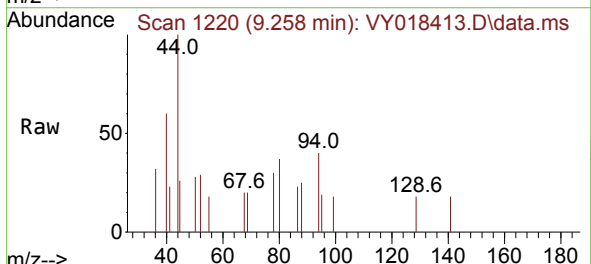


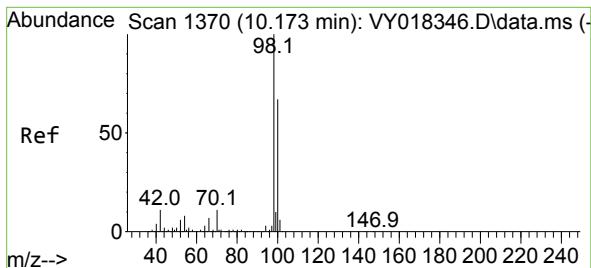
Tgt Ion:117 Resp: 9534
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.271 ug/l
RT: 9.258 min Scan# 1220
Delta R.T. -0.030 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 53.886 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018413.D

Acq: 30 May 2024 14:40

Instrument :

MSVOA_Y

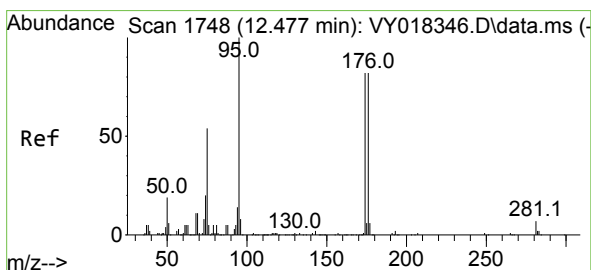
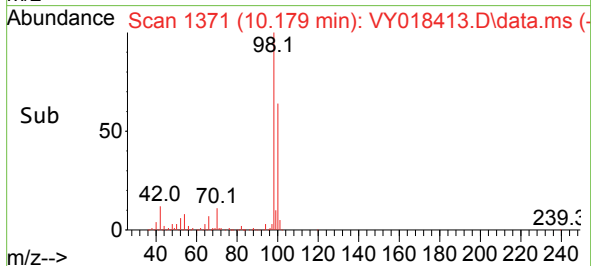
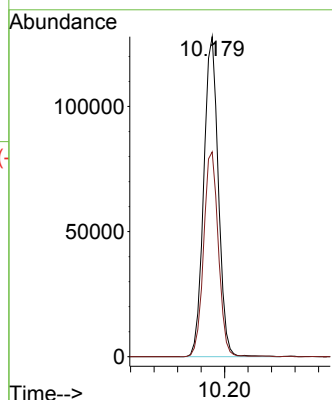
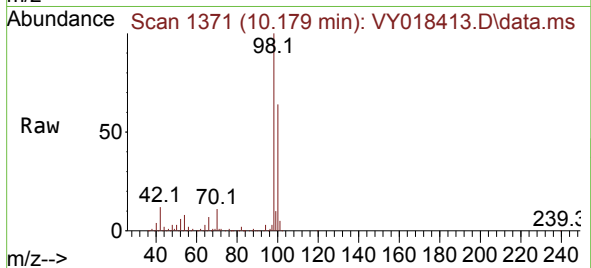
ClientSampleId :

Tgt Ion: 98 Resp: 220572

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.460 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018413.D

Acq: 30 May 2024 14:40

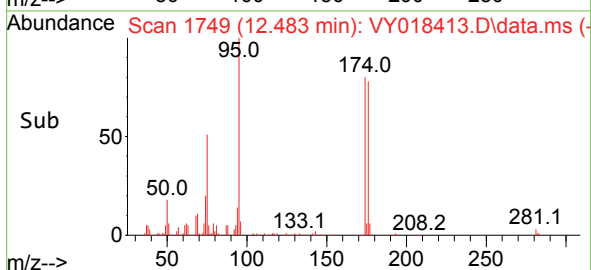
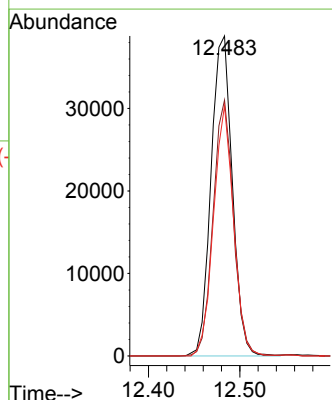
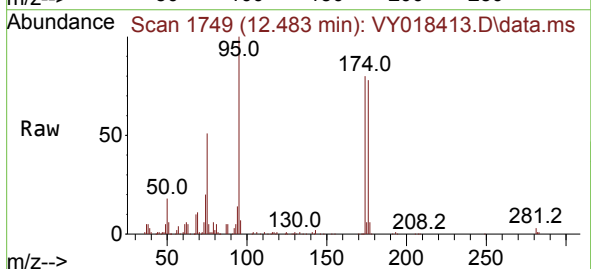
Tgt Ion: 95 Resp: 62557

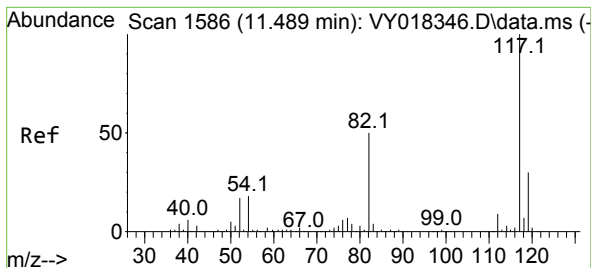
Ion Ratio Lower Upper

95 100

174 76.9 0.0 175.6

176 73.9 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: VY018413.D

Acq: 30 May 2024 14:40

Instrument :

MSVOA_Y

ClientSampleId :

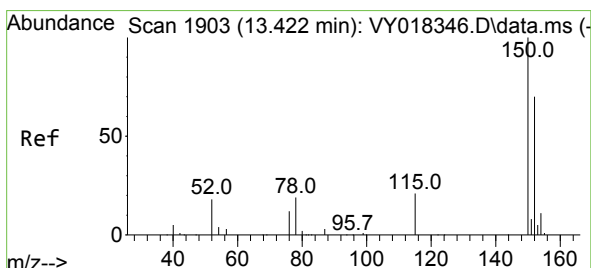
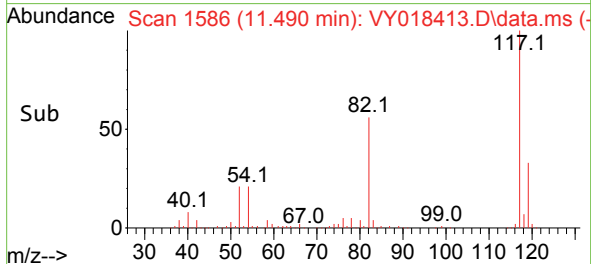
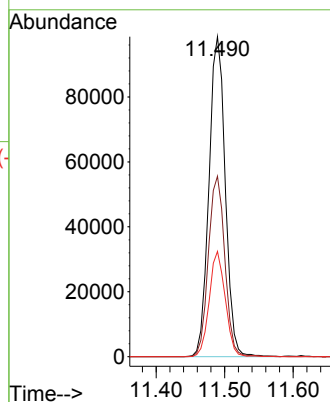
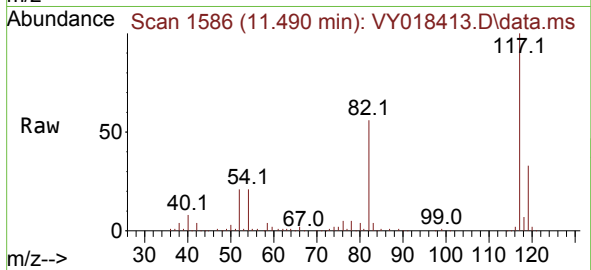
Tgt Ion:117 Resp: 163336

Ion Ratio Lower Upper

117 100

82 56.4 42.4 63.6

119 32.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018413.D

Acq: 30 May 2024 14:40

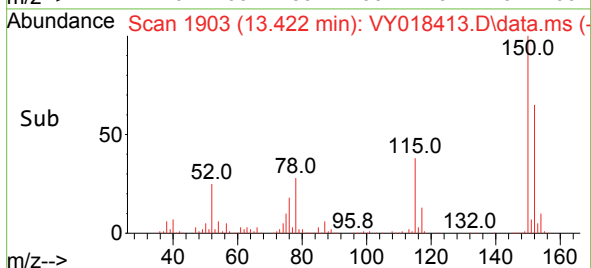
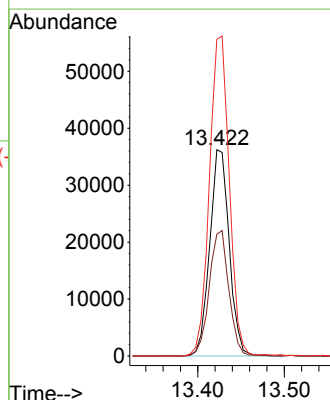
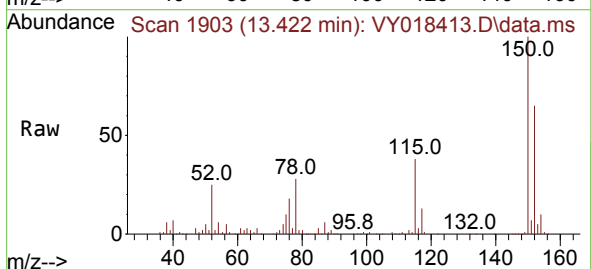
Tgt Ion:152 Resp: 56576

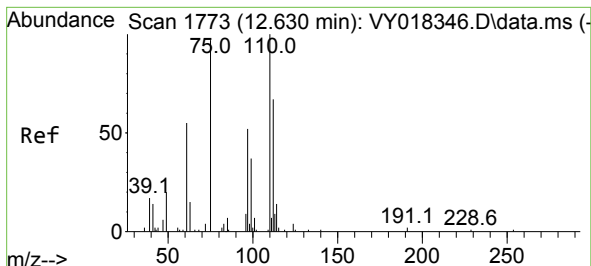
Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 157.8 0.0 345.6

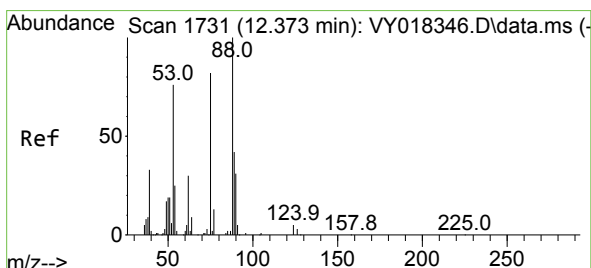
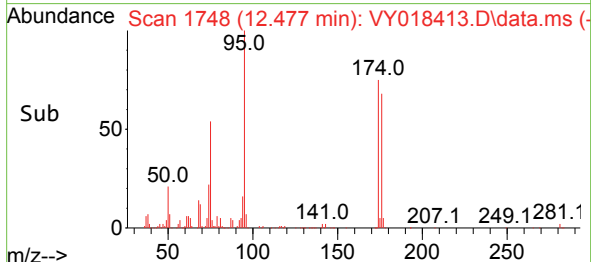
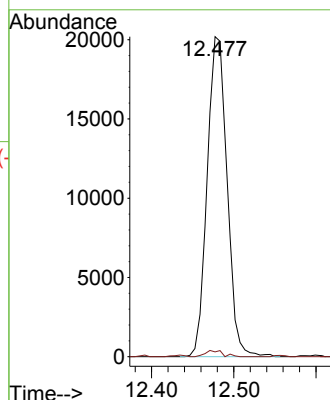
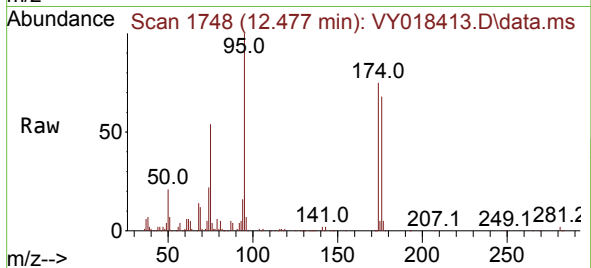




#76
1,2,3-Trichloropropane
Concen: 66.817 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33976
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.476 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018413.D
Acq: 30 May 2024 14:40

Tgt Ion: 75 Resp: 33976
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 35.8 53.6#

