

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018293.D
 Acq On : 16 May 2024 18:22
 Operator : SY/MD
 Sample : P2513-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-13

Quant Time: May 17 01:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

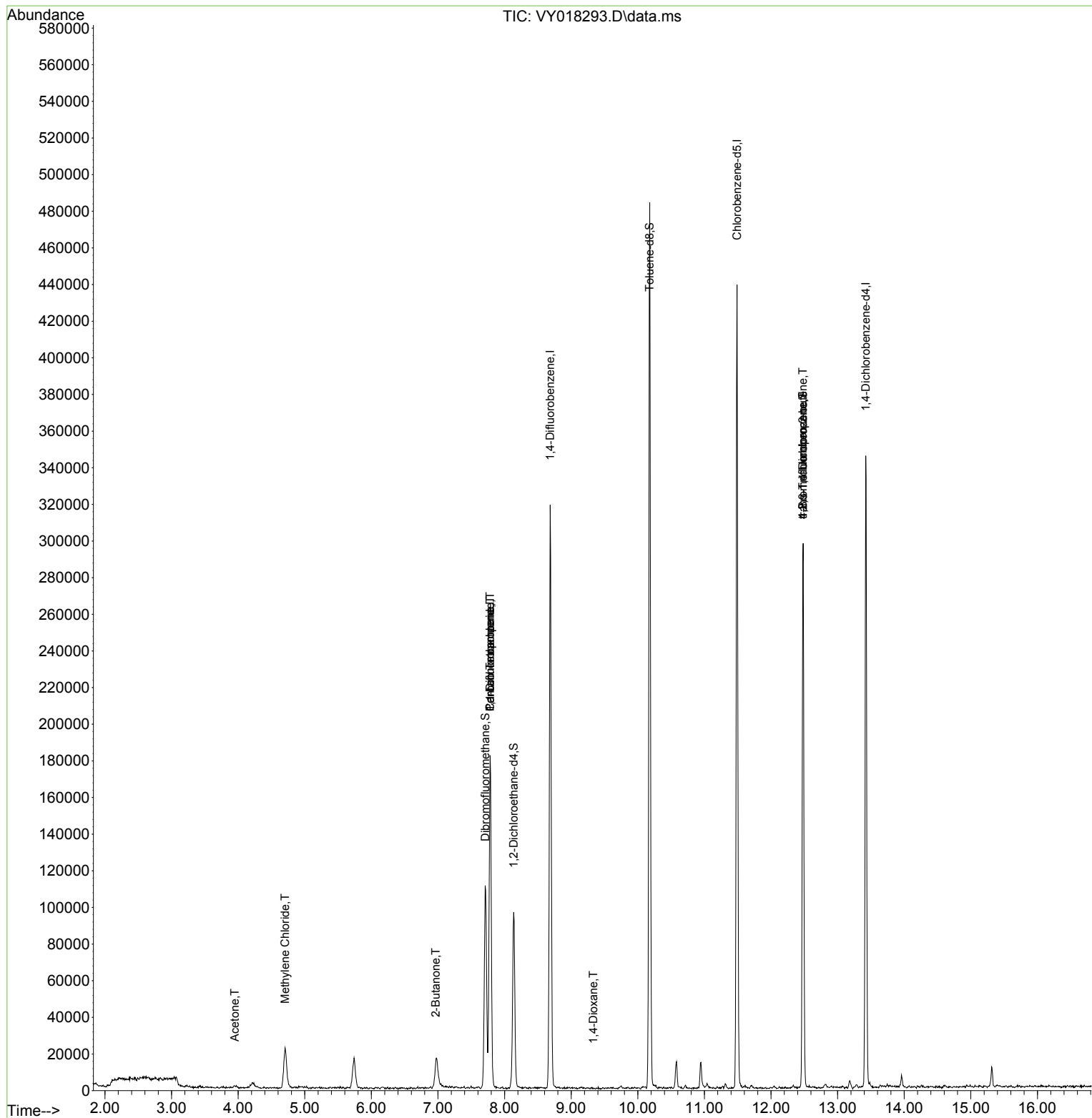
Internal Standards						
1) Pentafluorobenzene	7.783	168	136306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70979	70.784	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.560%			
35) Dibromofluoromethane	7.710	113	79989	56.184	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.360%			
50) Toluene-d8	10.179	98	316291	56.377	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.760%			
62) 4-Bromofluorobenzene	12.477	95	93110	51.391	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.780%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	418	Below Cal	#	97
13) Acrolein	3.704	56	118	Below Cal	#	73
16) Acetone	3.948	43	2116	10.574	ug/l #	73
20) Methylene Chloride	4.704	84	16698	11.806	ug/l	95
25) 2-Butanone	6.966	43	722	2.257	ug/l #	41
31) Cyclohexane	7.783	56	3243	Below Cal	#	4
36) 1,1-Dichloropropene	7.783	75	11342	5.557	ug/l #	48
38) Carbon Tetrachloride	7.783	117	14352	6.436	ug/l #	16
49) 1,4-Dioxane	9.331	88	48	4.383	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	47664	67.072	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47664	129.225	ug/l #	16

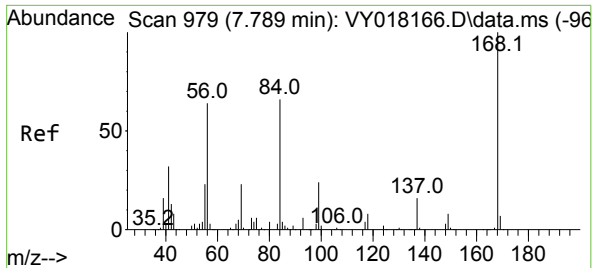
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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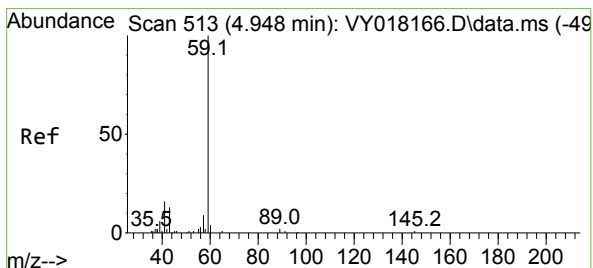
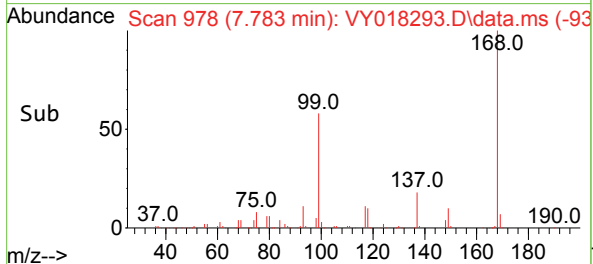
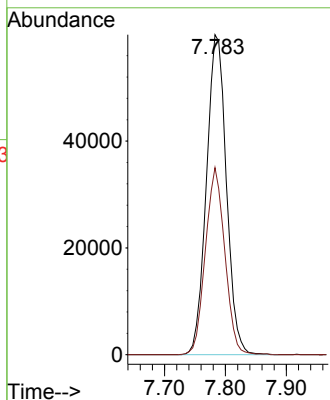
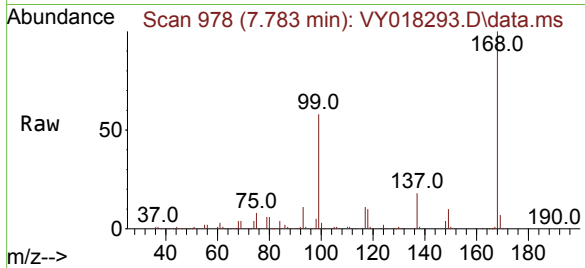




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

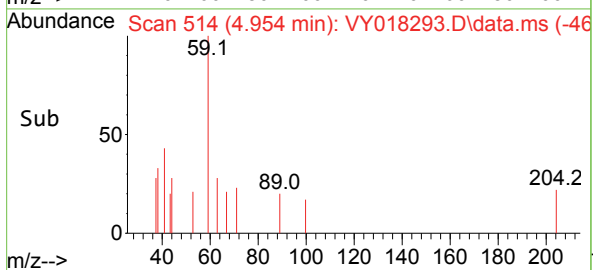
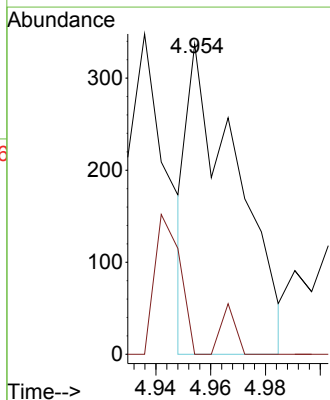
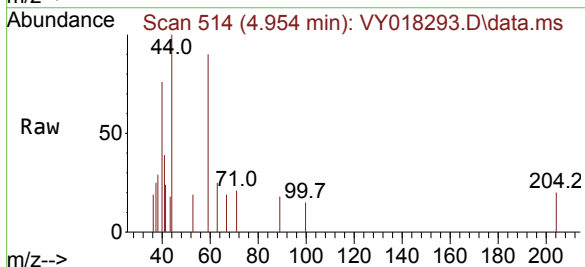
Instrument :
MSVOA_Y
ClientSampleId :
TP-13

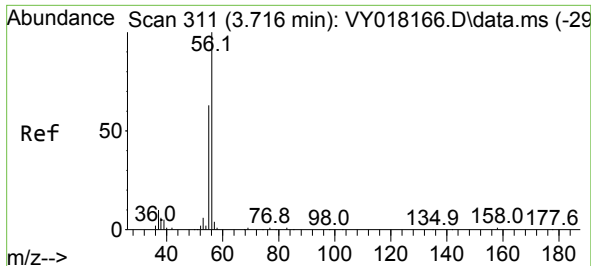
Tgt Ion:168 Resp: 136306
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 4.8 3.0 4.6#

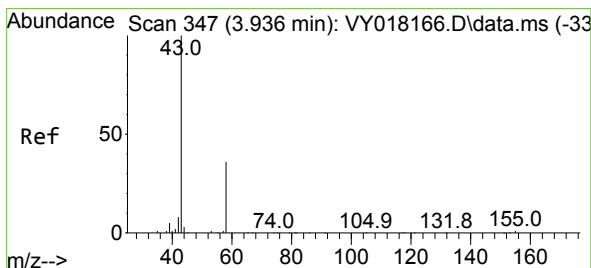
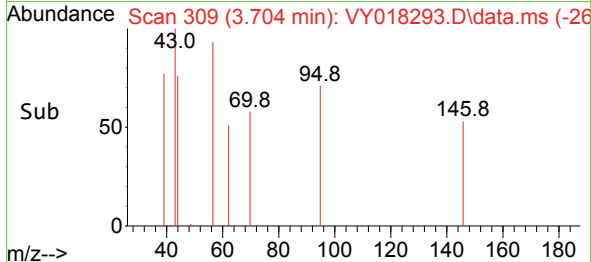
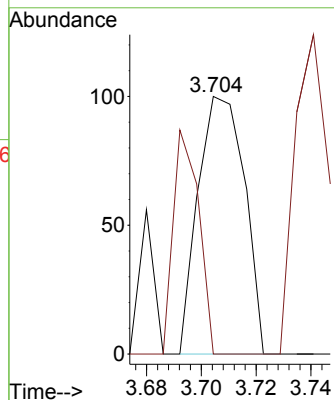
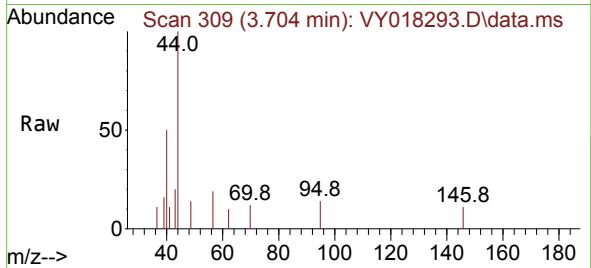




#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

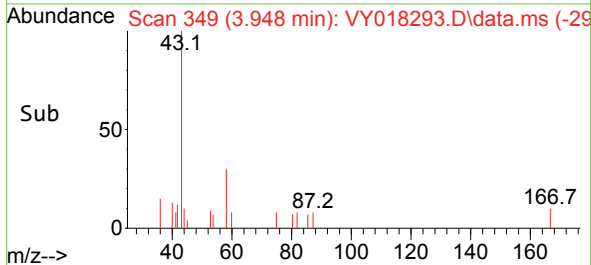
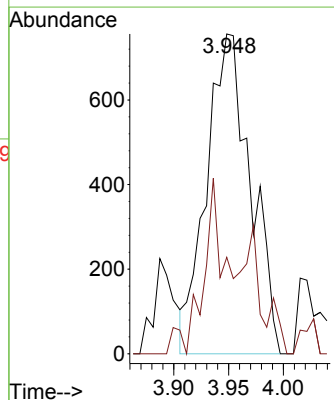
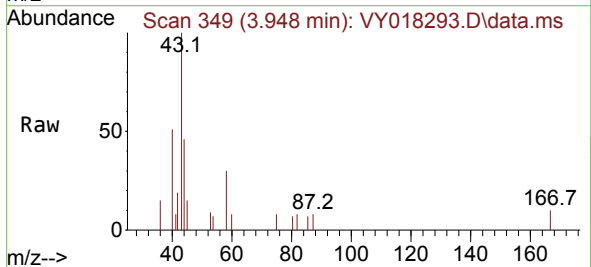
Instrument :
MSVOA_Y
ClientSampleId :
TP-13

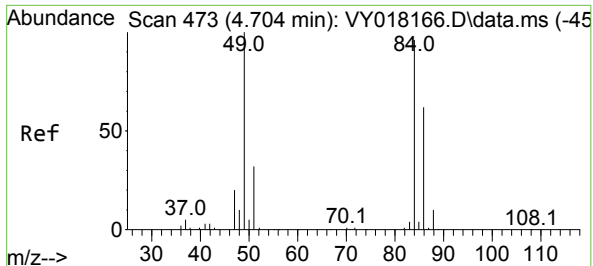
Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 47.5 55.7 83.5#



#16
Acetone
Concen: 10.574 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 22.8 31.7 47.5#





#20

Methylene Chloride

Concen: 11.806 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018293.D

Acq: 16 May 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-13

Tgt Ion: 84 Resp: 16698

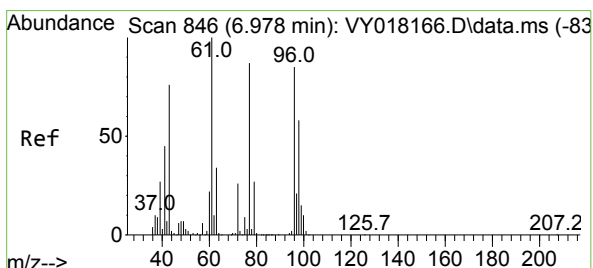
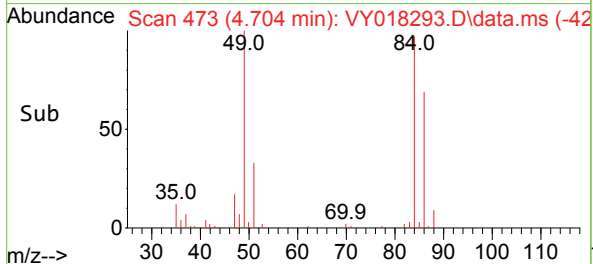
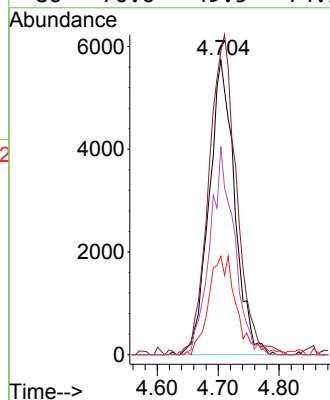
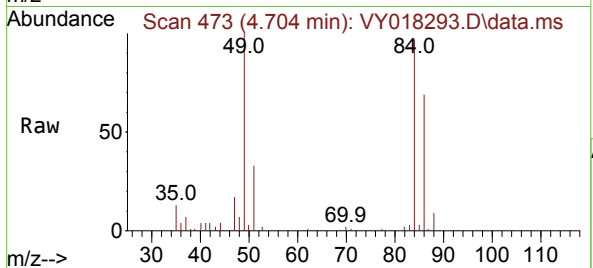
Ion Ratio Lower Upper

84 100

49 102.9 84.4 126.6

51 32.4 26.0 39.0

86 70.6 49.5 74.3



#25

2-Butanone

Concen: 2.257 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY018293.D

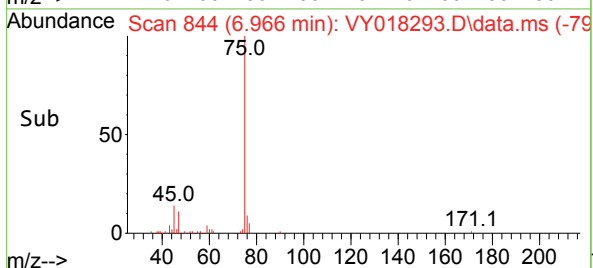
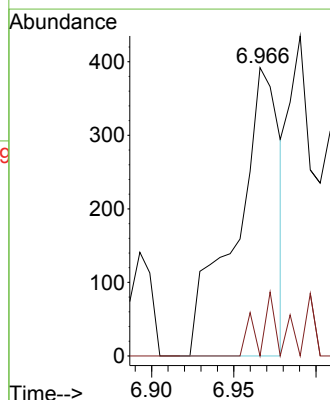
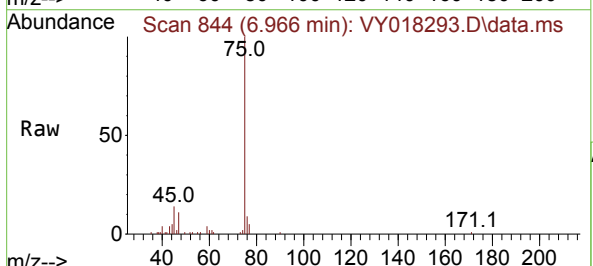
Acq: 16 May 2024 18:22

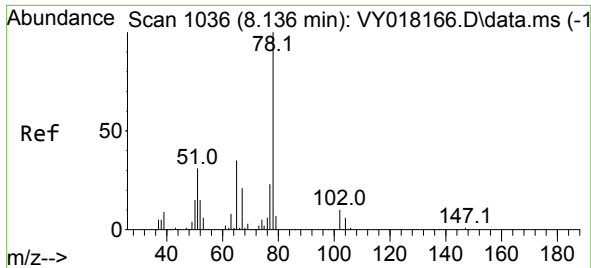
Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#

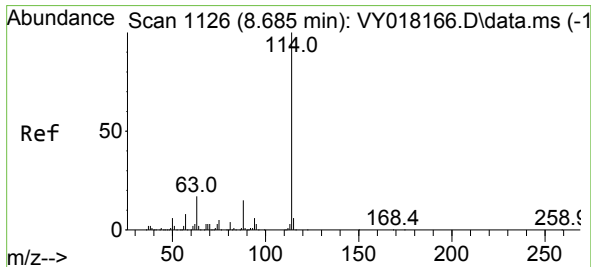
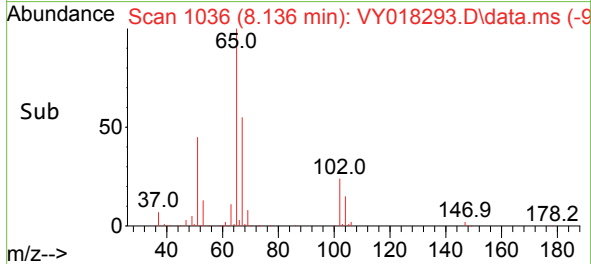
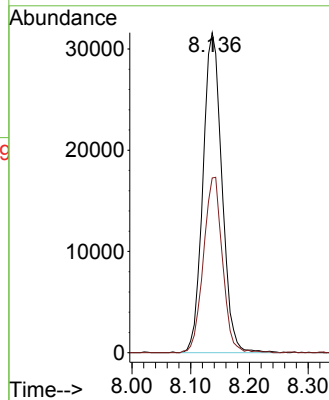
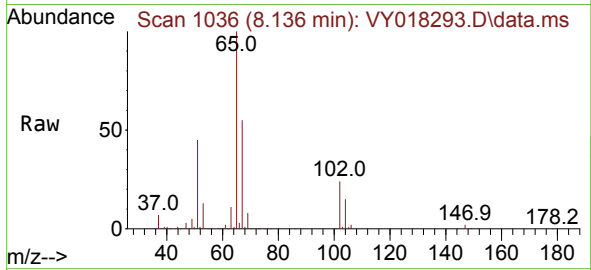




#33
1,2-Dichloroethane-d4
Concen: 70.784 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

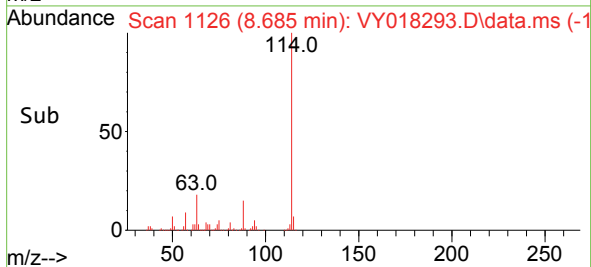
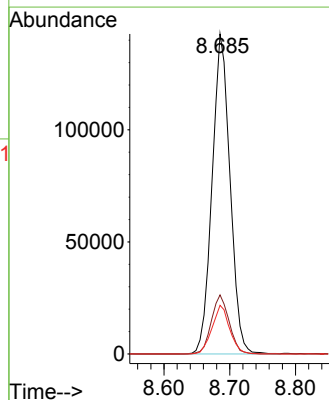
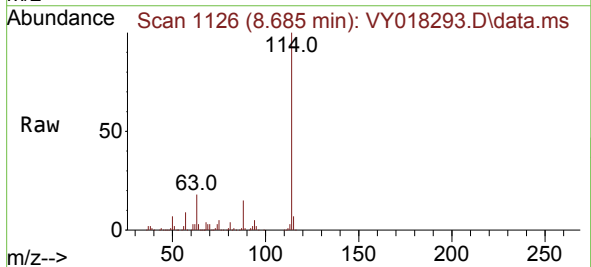
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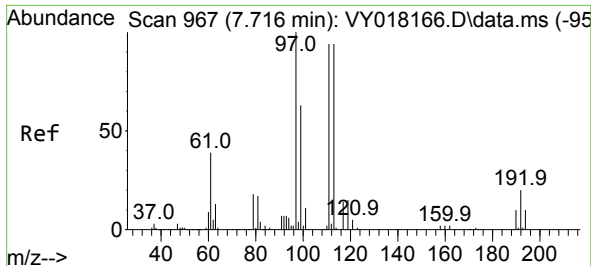
Tgt Ion: 65 Resp: 70979
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 114 Resp: 270899
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.0
88 15.2 0.0 27.2

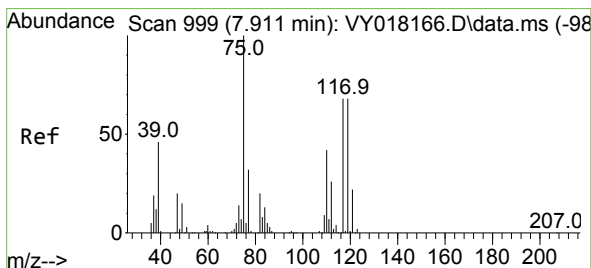
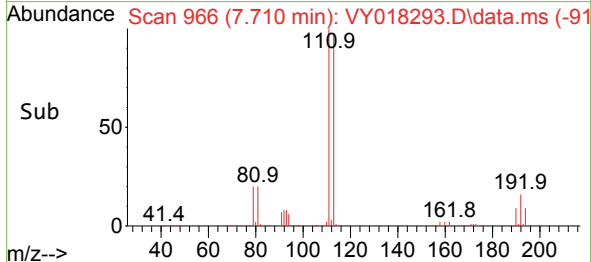
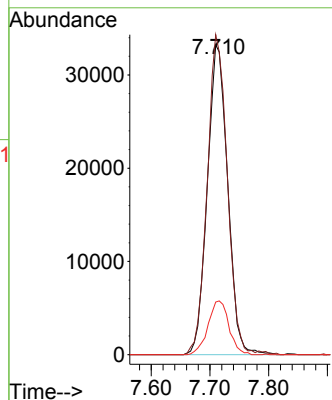
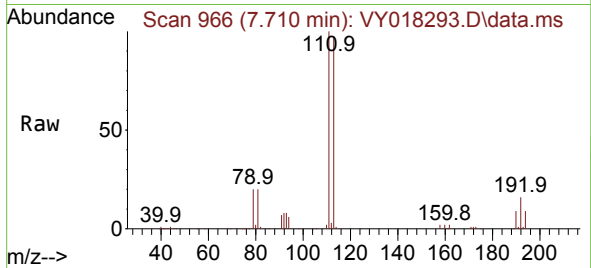




#35
Dibromofluoromethane
Concen: 56.184 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

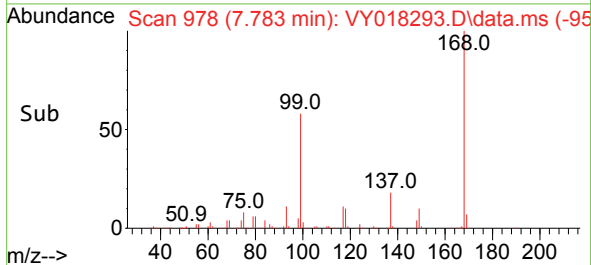
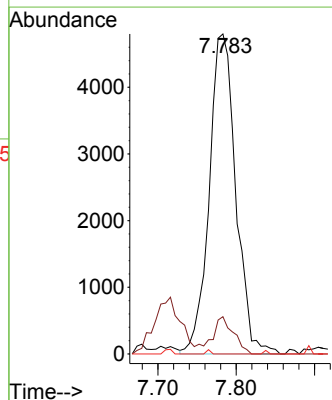
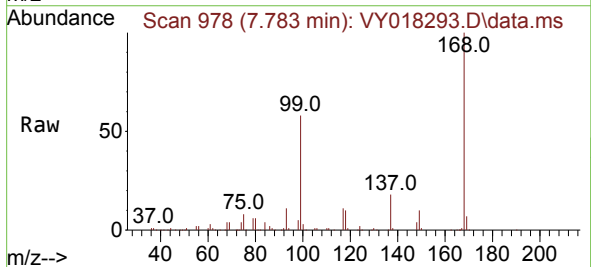
Instrument :
MSVOA_Y
ClientSampleId :
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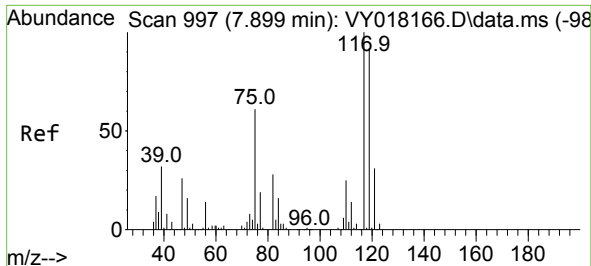
Tgt Ion:113 Resp: 79989
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.557 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

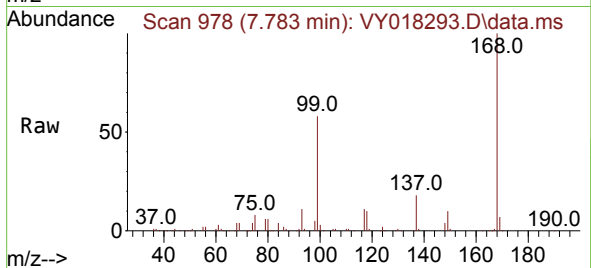
Tgt Ion: 75 Resp: 11342
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.2 25.3 37.9#



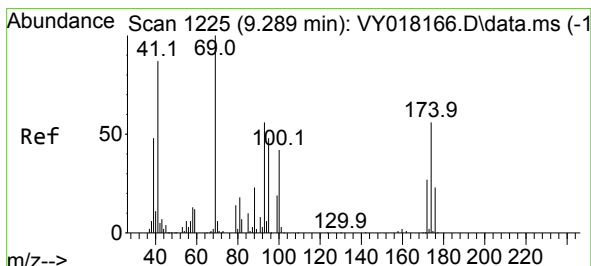
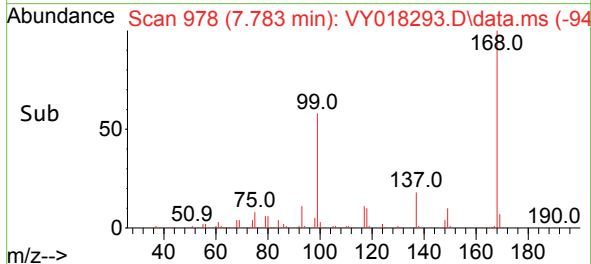
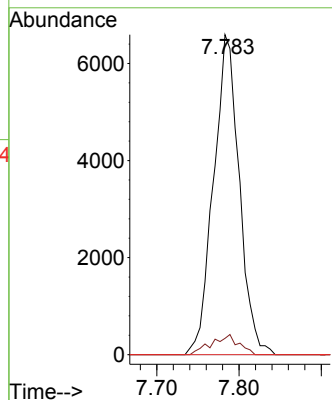


#38
Carbon Tetrachloride
Concen: 6.436 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Instrument :
MSVOA_Y
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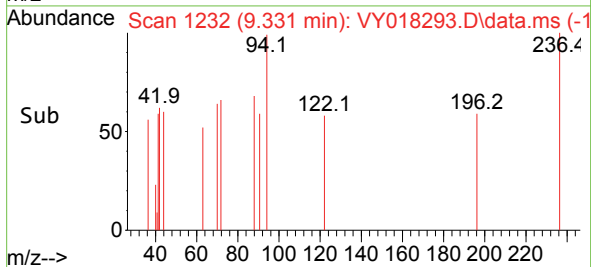
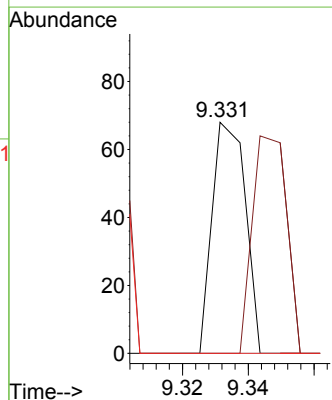
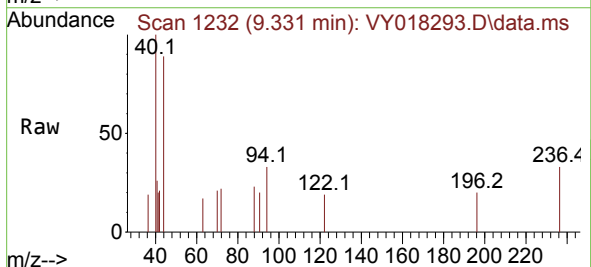


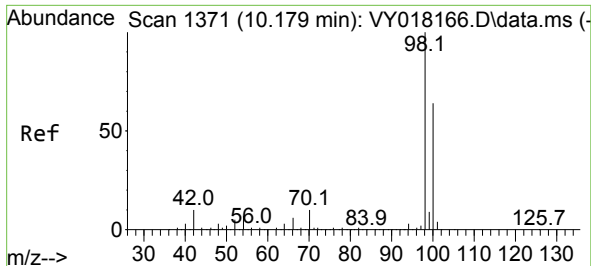
Tgt Ion: 117 Resp: 14352
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.383 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.043 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 95.8 0.0 0.0#
58 0.0 49.3 73.9#

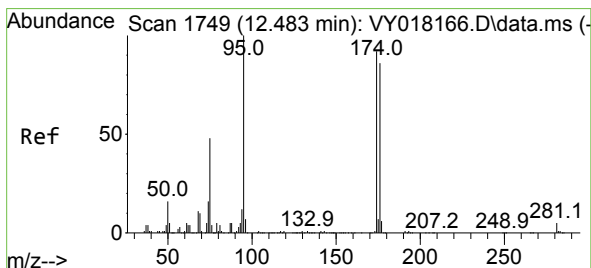
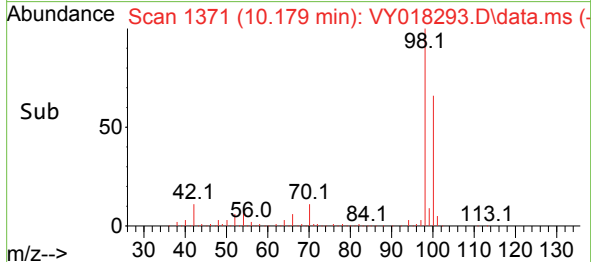
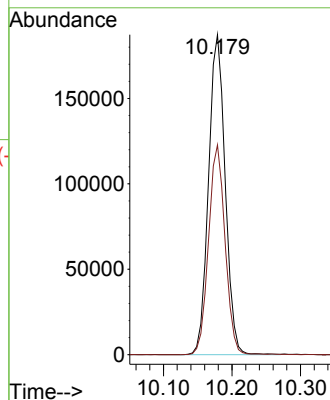
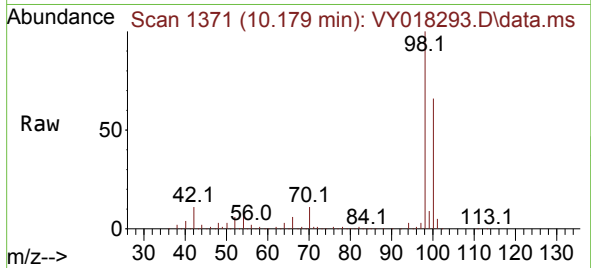




#50
Toluene-d8
Concen: 56.377 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

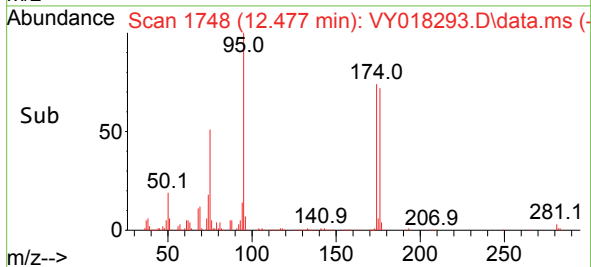
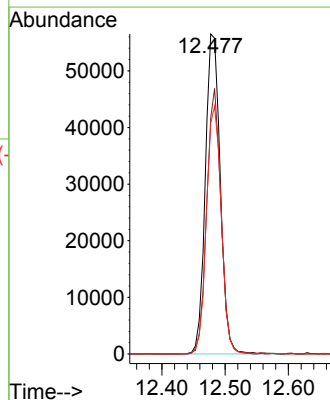
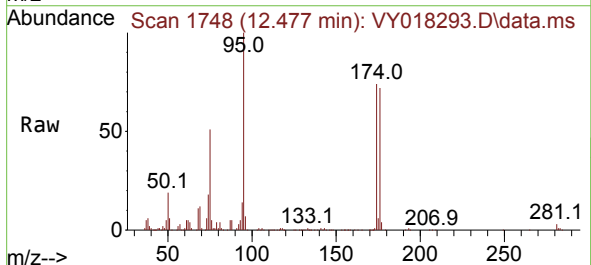
Instrument :
MSVOA_Y
ClientSampleId :
TP-13

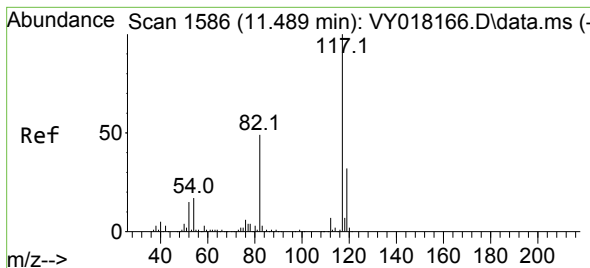
Tgt Ion: 98 Resp: 316291
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.391 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 95 Resp: 93110
Ion Ratio Lower Upper
95 100
174 78.9 0.0 175.6
176 77.1 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: VY018293.D

Acq: 16 May 2024 18:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-13

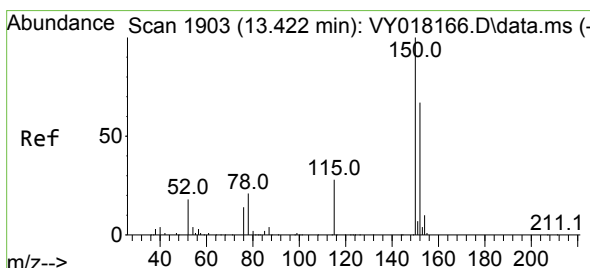
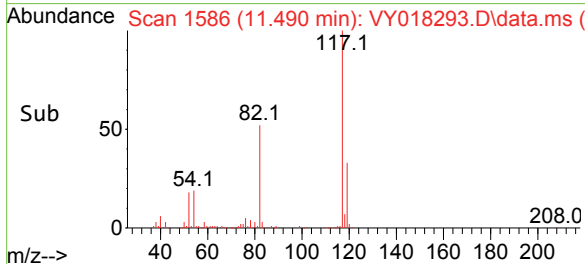
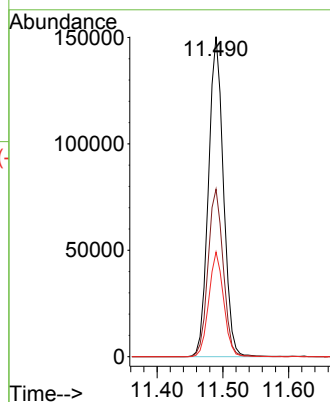
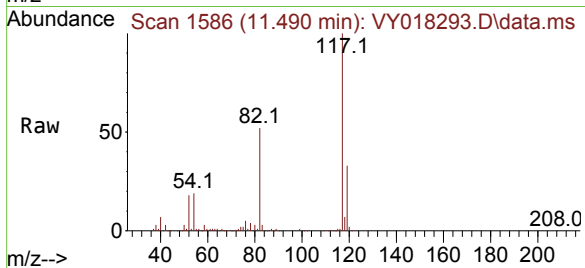
Tgt Ion:117 Resp: 238154

Ion Ratio Lower Upper

117 100

82 52.4 42.4 63.6

119 32.7 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: VY018293.D

Acq: 16 May 2024 18:22

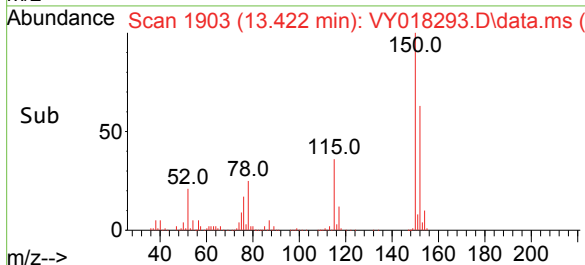
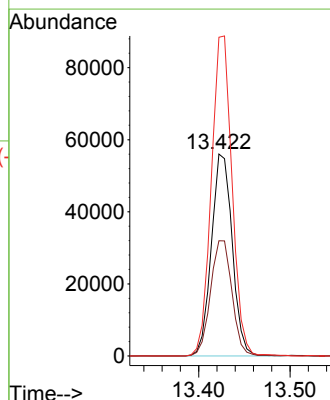
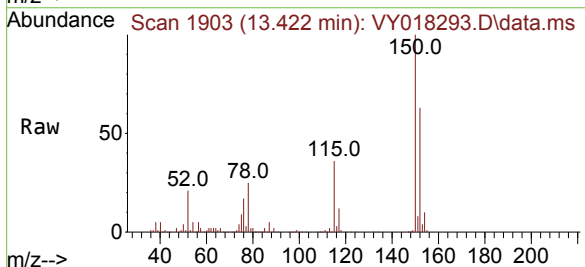
Tgt Ion:152 Resp: 88782

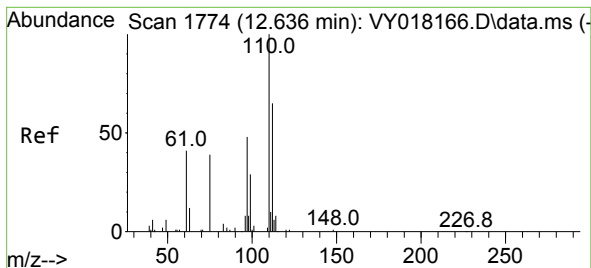
Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 157.3 0.0 345.6

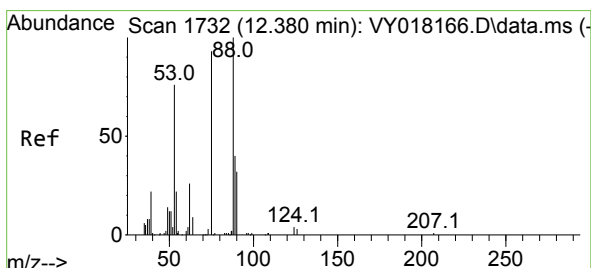
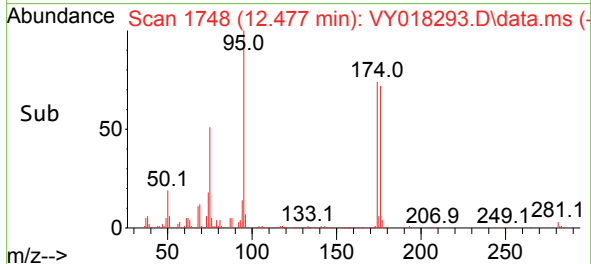
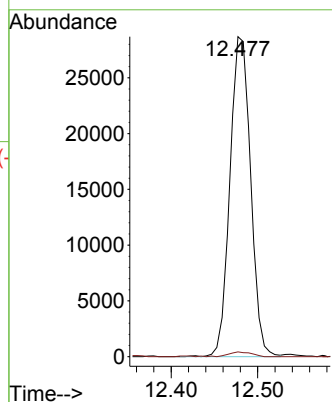
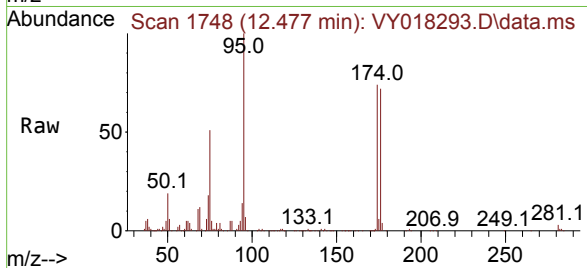




#76
1,2,3-Trichloropropane
Concen: 67.072 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-13

Tgt Ion: 75 Resp: 47664
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.225 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018293.D
Acq: 16 May 2024 18:22

Tgt Ion: 75 Resp: 47664
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.4 35.8 53.6#

