

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018196.D
 Acq On : 08 May 2024 18:24
 Operator : SY/MD
 Sample : P2412-02
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:30:00 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)

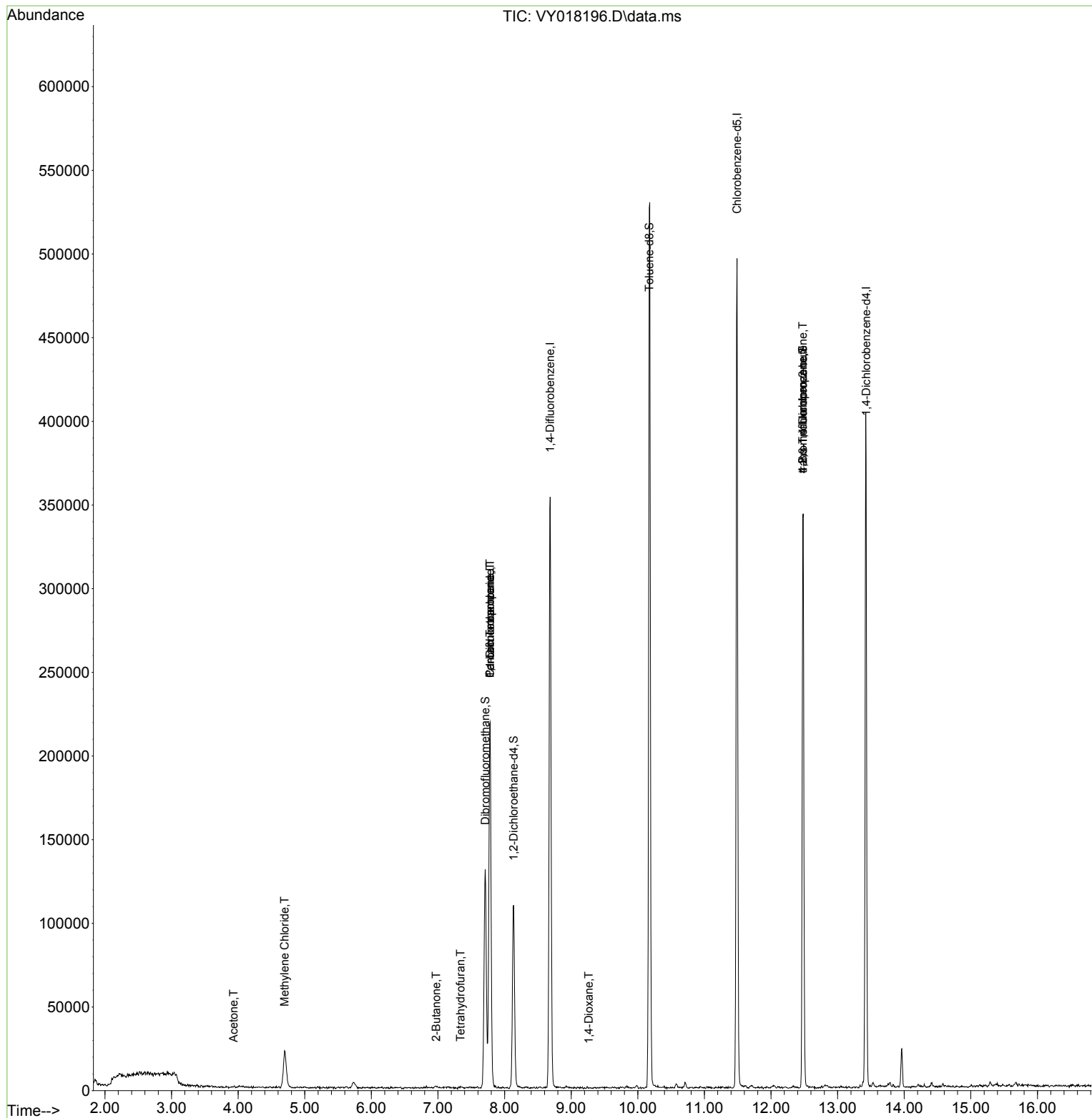
Internal Standards						
1) Pentafluorobenzene	7.782	168	174625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78823	61.357	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.720%			
35) Dibromofluoromethane	7.709	113	94563	54.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.860%			
50) Toluene-d8	10.172	98	366809	53.574	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.477	95	109394	49.475	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.960%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.941	59	253	Below Cal	#	88
13) Acrolein	3.710	56	45	Below Cal	#	15
16) Acetone	3.929	43	603	2.352	ug/l	93
20) Methylene Chloride	4.698	84	18079	9.977	ug/l	97
25) 2-Butanone	6.972	43	548	1.337	ug/l #	41
29) Tetrahydrofuran	7.337	42	409	1.512	ug/l #	77
31) Cyclohexane	7.770	56	3489	Below Cal	#	1
36) 1,1-Dichloropropene	7.782	75	12766	5.125	ug/l #	48
38) Carbon Tetrachloride	7.782	117	16902	6.210	ug/l #	19
49) 1,4-Dioxane	9.264	88	23	1.721	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	54527	65.589	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	54527	126.368	ug/l #	16

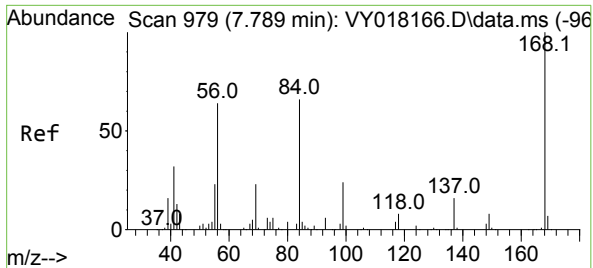
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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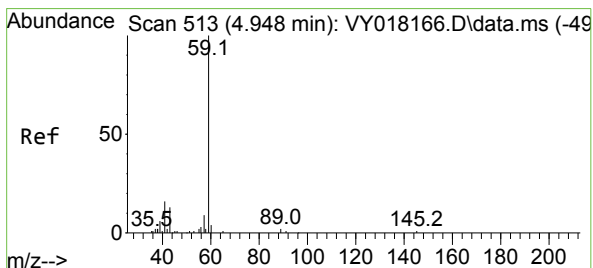
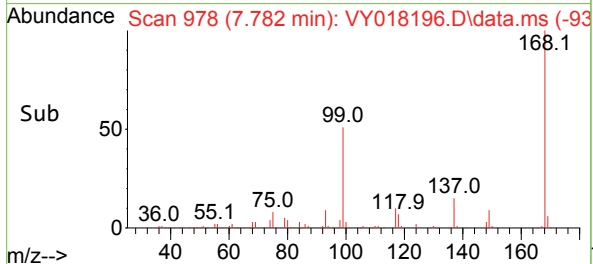
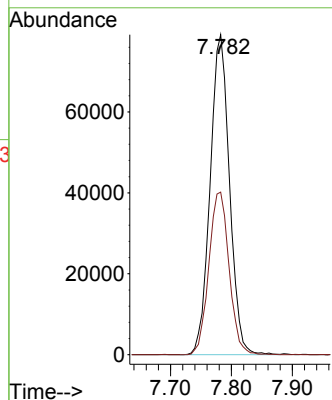
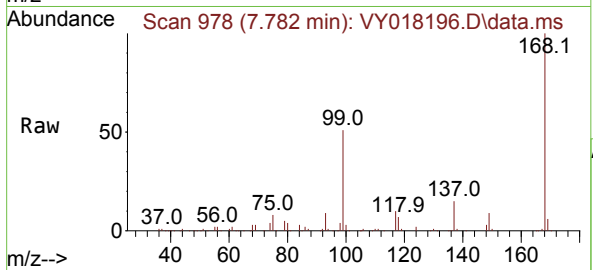




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

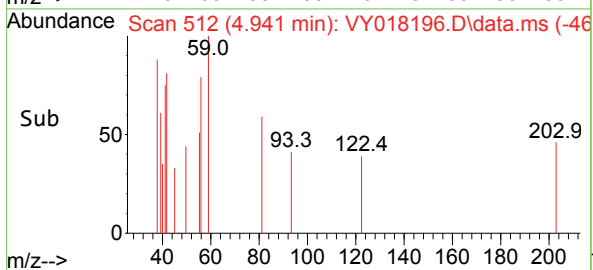
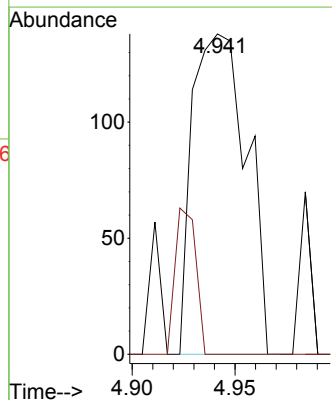
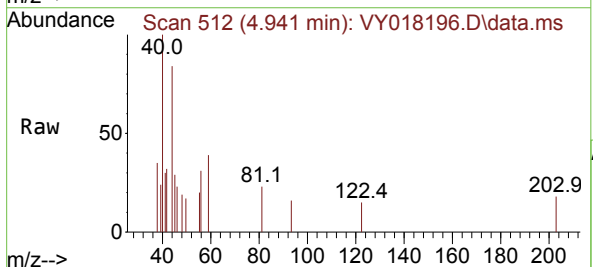
Instrument :
MSVOA_Y
ClientSampleId :

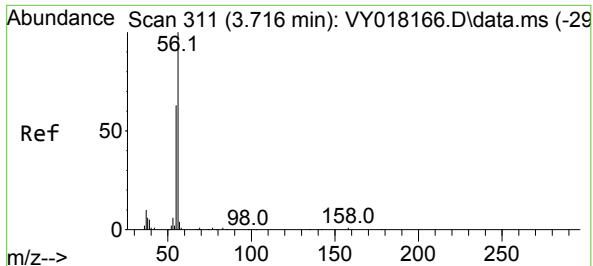
Tgt Ion:168 Resp: 174625
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.941 min Scan# 512
Delta R.T. -0.007 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

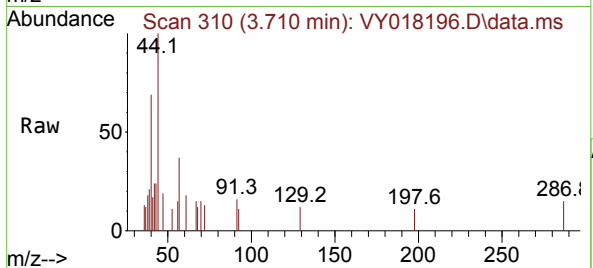
Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



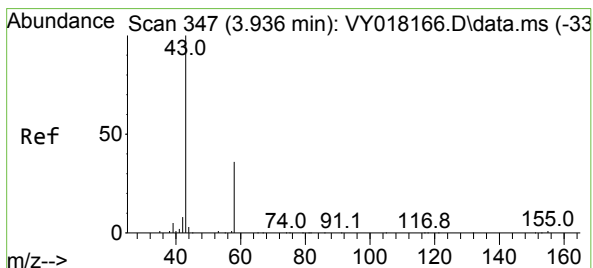
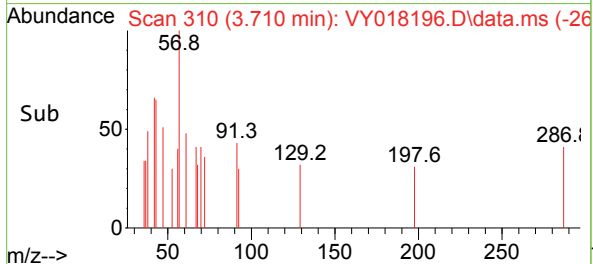
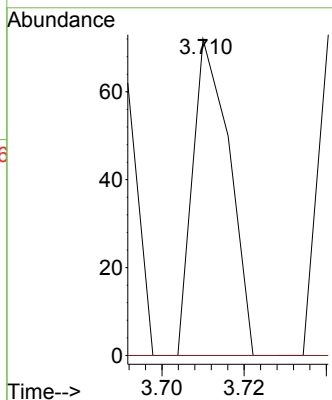


#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Instrument :
MSVOA_Y
ClientSampleId :

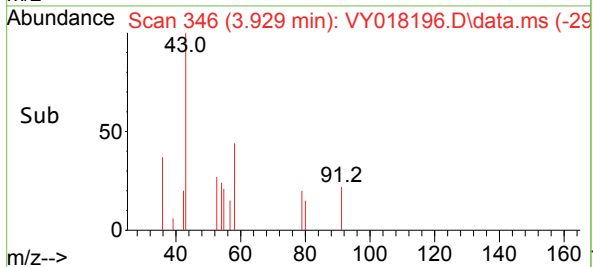
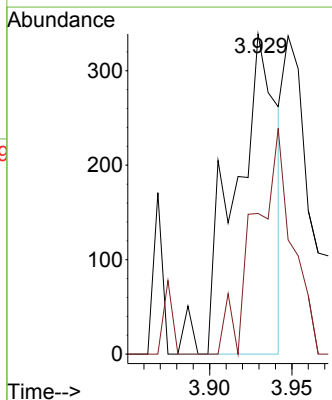
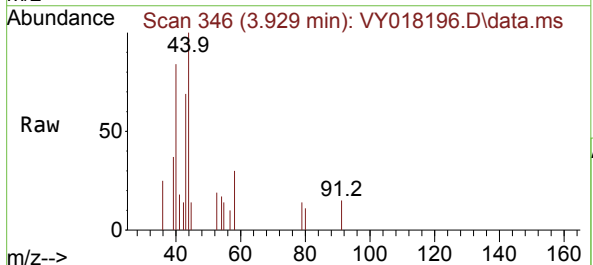


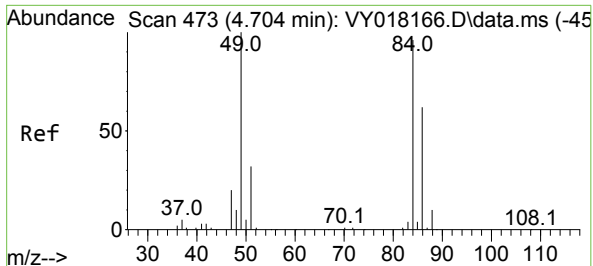
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 2.352 ug/l
RT: 3.929 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

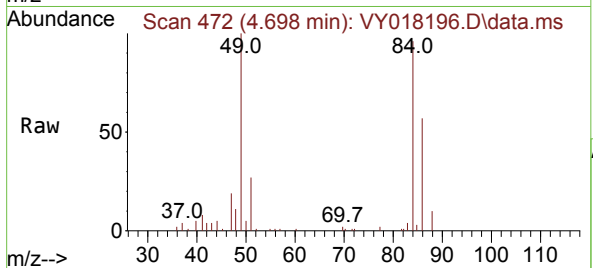
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 44.0 31.7 47.5



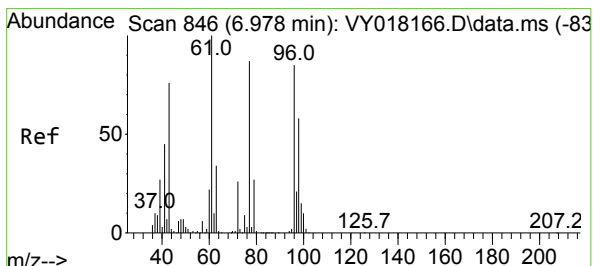
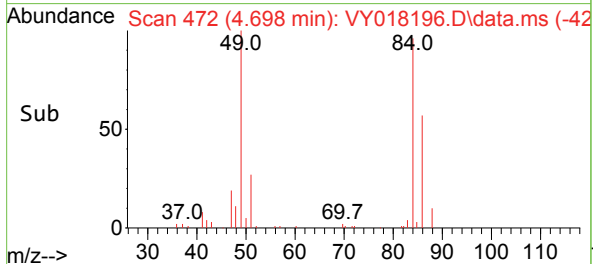
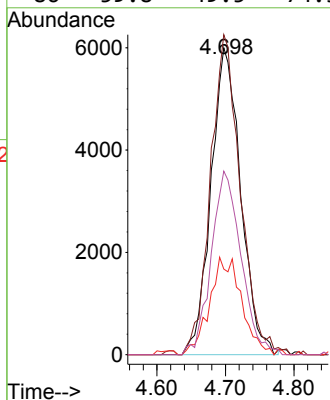


#20
Methylene Chloride
Concen: 9.977 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Instrument :
MSVOA_Y
ClientSampleId :

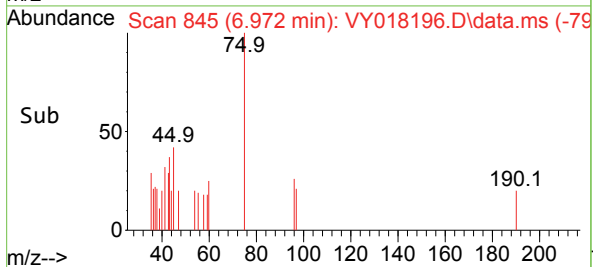
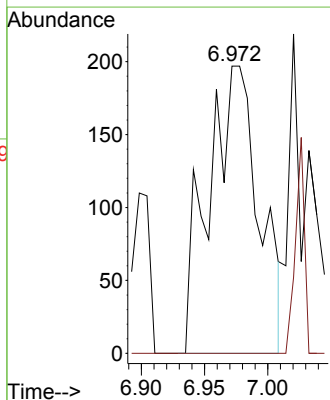
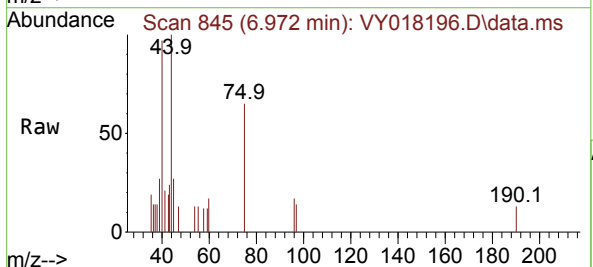


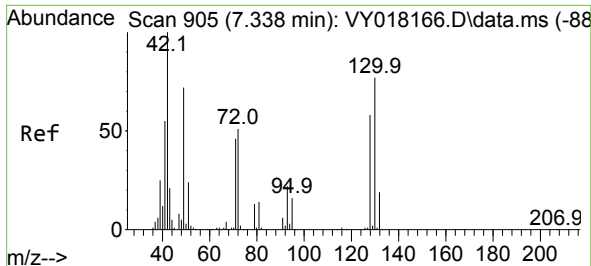
Tgt Ion: 84 Resp: 18079
Ion Ratio Lower Upper
84 100
49 104.3 84.4 126.6
51 27.9 26.0 39.0
86 59.8 49.5 74.3



#25
2-Butanone
Concen: 1.337 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

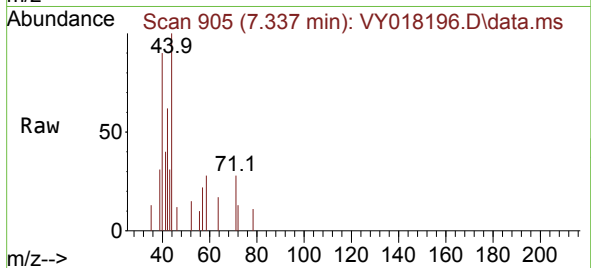
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



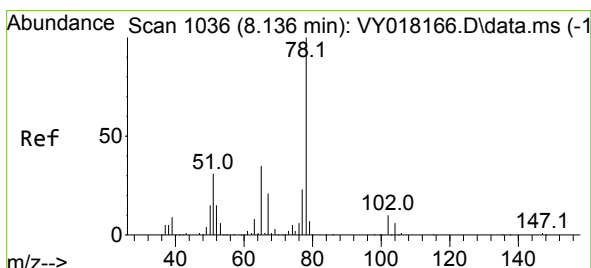
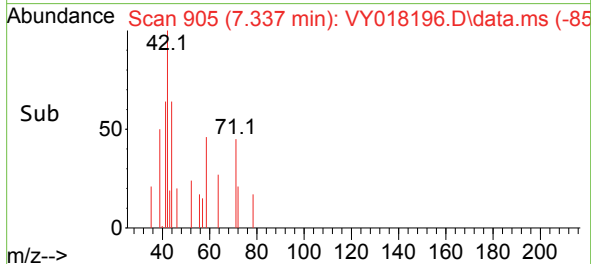
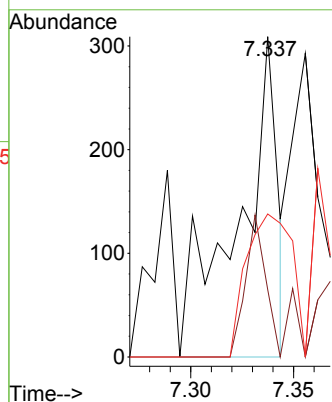


#29
Tetrahydrofuran
Concen: 1.512 ug/l
RT: 7.337 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Instrument :
MSVOA_Y
ClientSampleId :

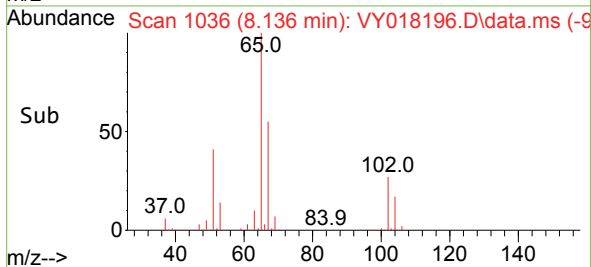
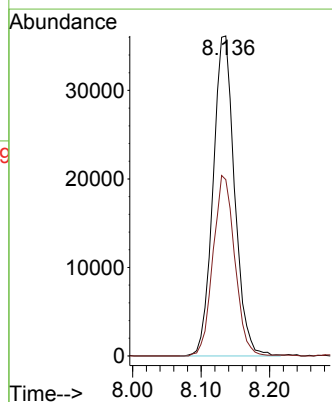
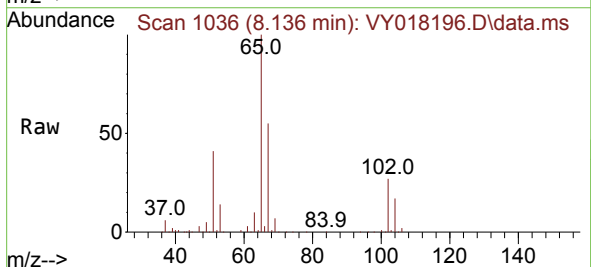


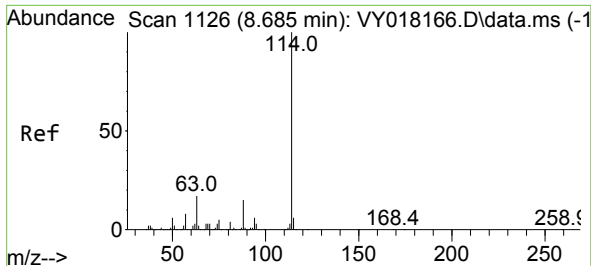
Tgt Ion: 42 Resp: 409
Ion Ratio Lower Upper
42 100
72 23.0 43.0 64.4#
71 52.1 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 61.357 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Tgt Ion: 65 Resp: 78823
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.6

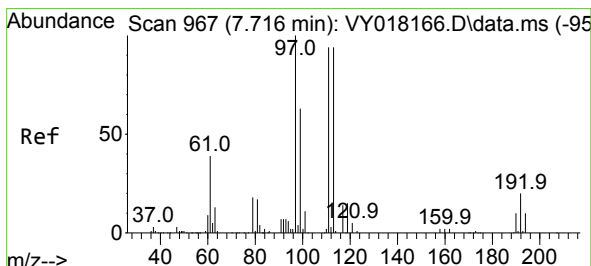
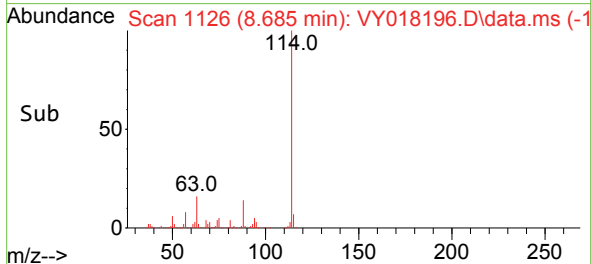
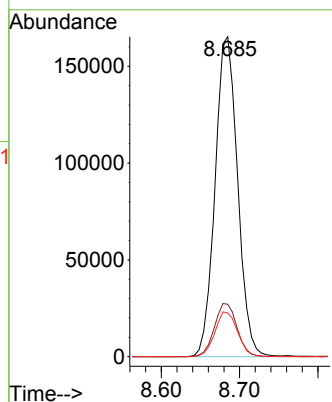
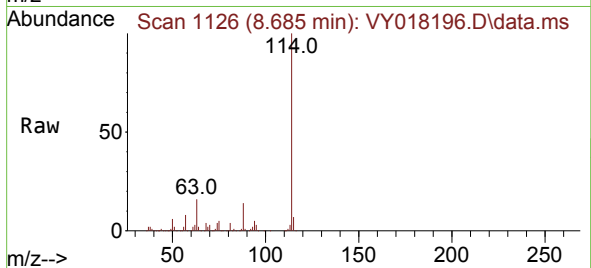




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

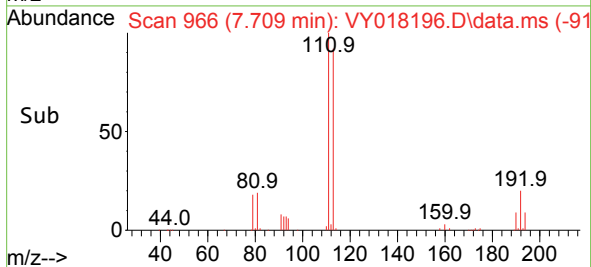
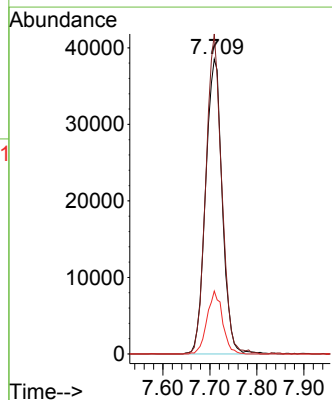
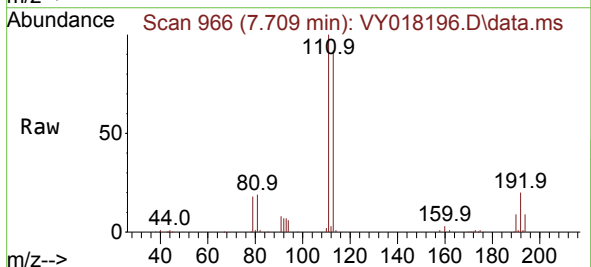
Instrument :
MSVOA_Y
ClientSampleId :

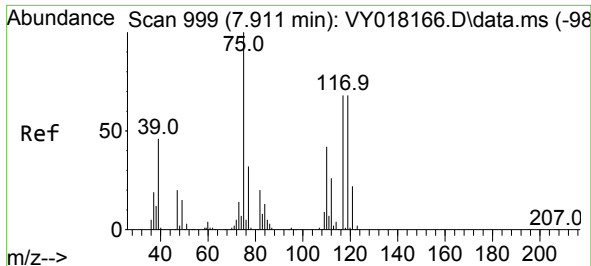
Tgt Ion:114 Resp: 330603
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.426 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

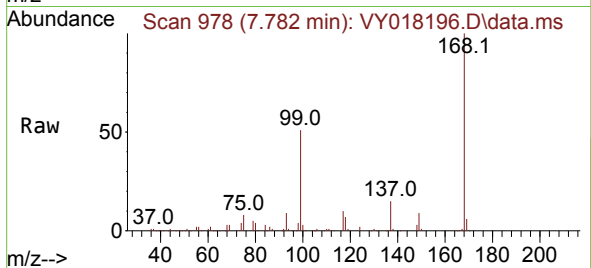
Tgt Ion:113 Resp: 94563
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.8 15.9 23.9



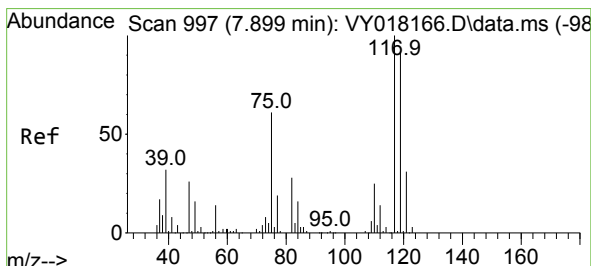
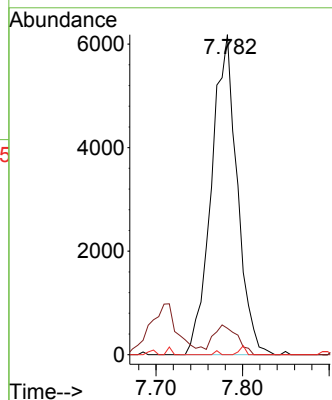
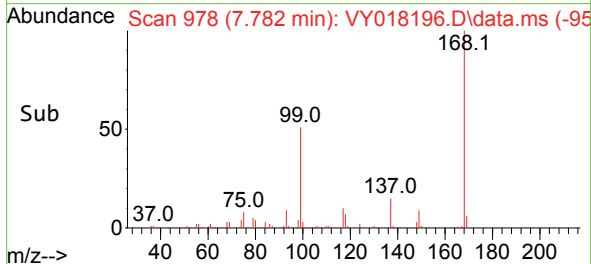


#36
1,1-Dichloropropene
Concen: 5.125 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

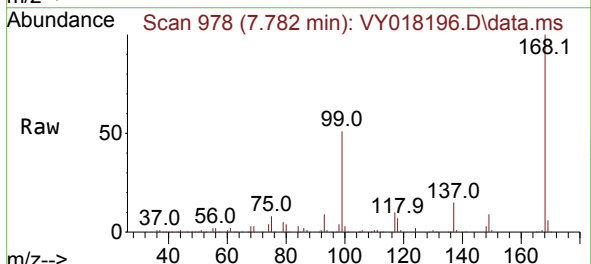
Instrument :
MSVOA_Y
ClientSampleId :



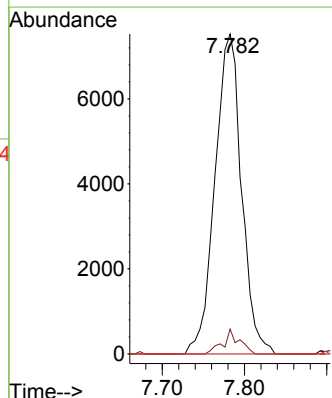
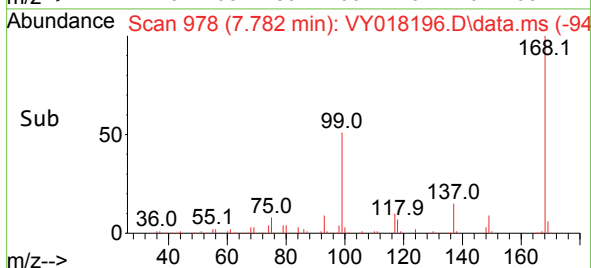
Tgt Ion: 75 Resp: 12766
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.2 25.3 37.9#

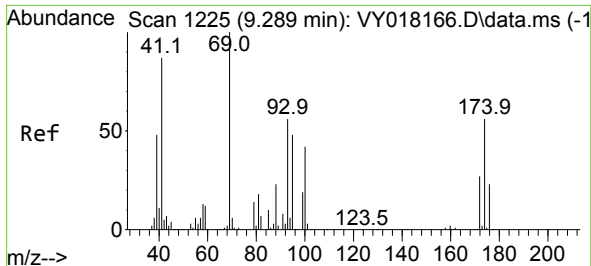


#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24



Tgt Ion: 117 Resp: 16902
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.721 ug/l

RT: 9.264 min Scan# 11

Delta R.T. -0.025 min

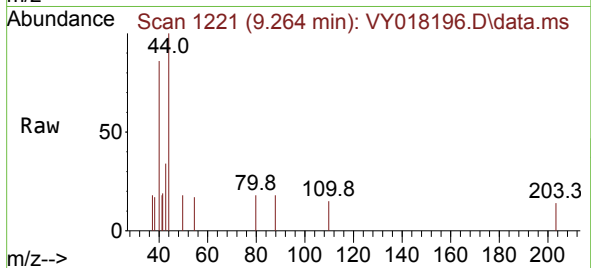
Lab File: VY018196.D

Acq: 08 May 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :



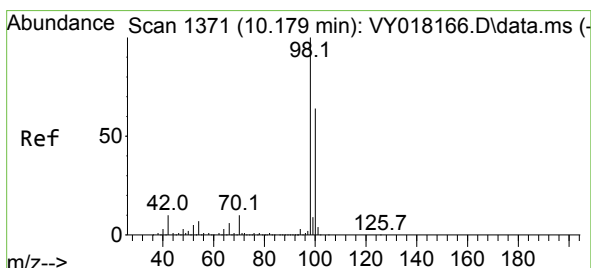
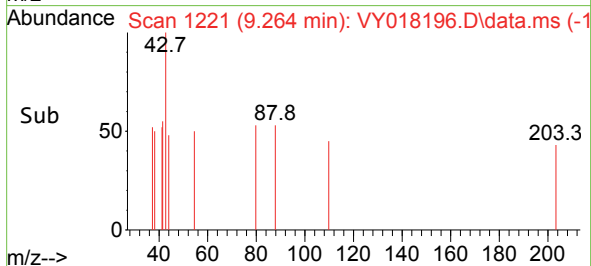
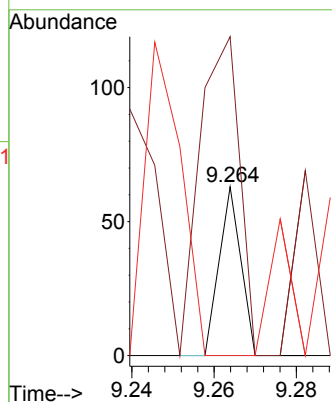
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 347.8 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 53.574 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY018196.D

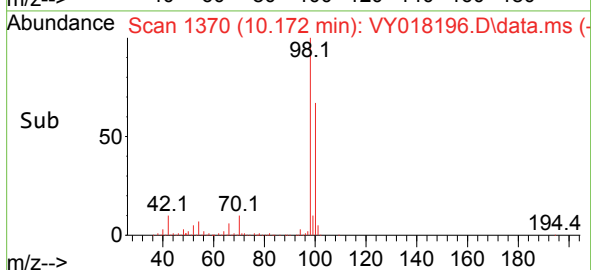
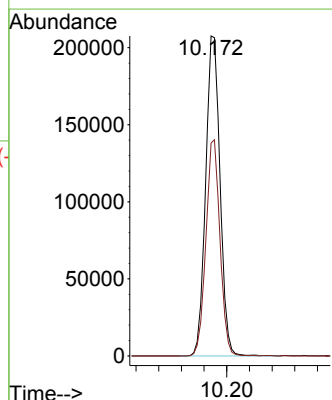
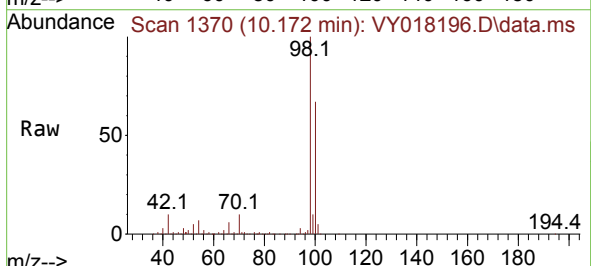
Acq: 08 May 2024 18:24

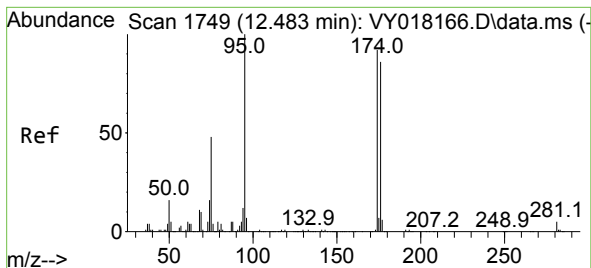
Tgt Ion: 98 Resp: 366809

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.475 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018196.D

Acq: 08 May 2024 18:24

Instrument :

MSVOA_Y

ClientSampleId :

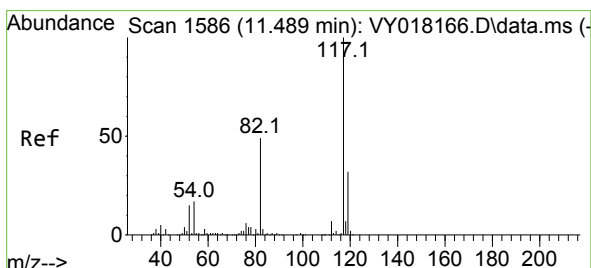
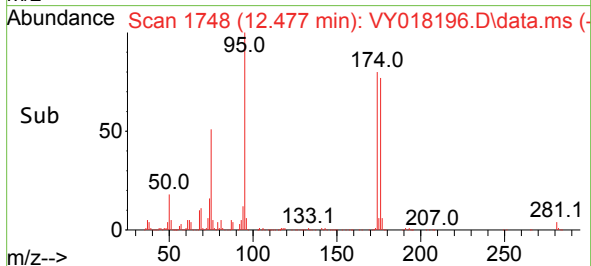
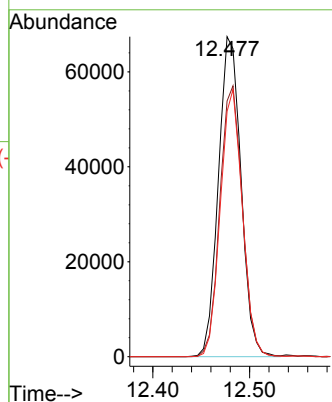
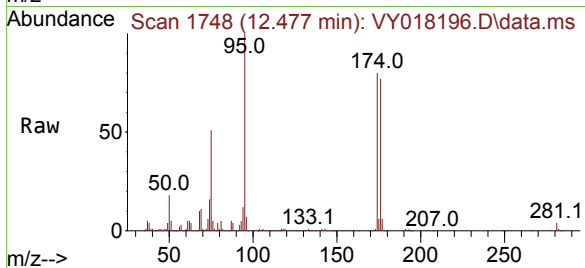
Tgt Ion: 95 Resp: 109394

Ion Ratio Lower Upper

95 100

174 84.4 0.0 175.6

176 81.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018196.D

Acq: 08 May 2024 18:24

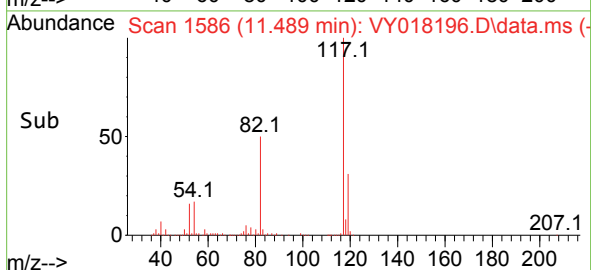
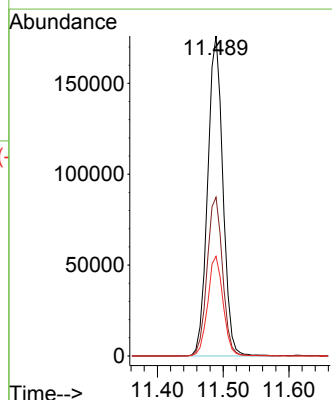
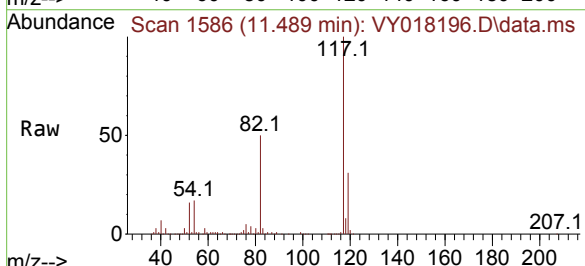
Tgt Ion: 117 Resp: 283336

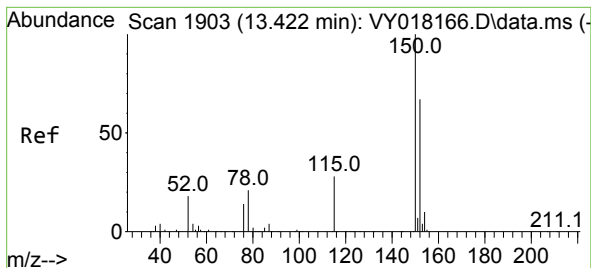
Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

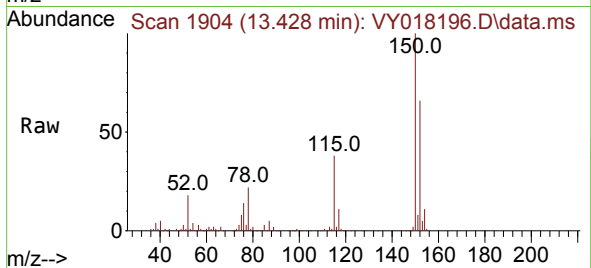
119 31.1 25.9 38.9



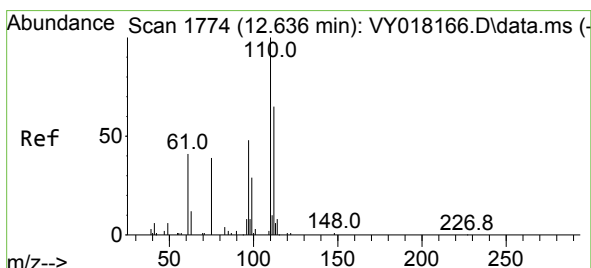
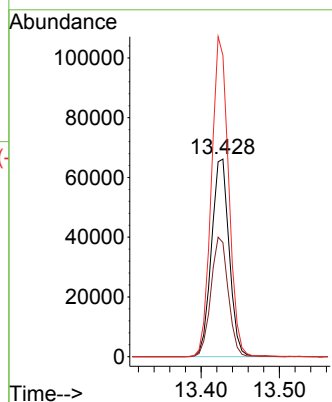
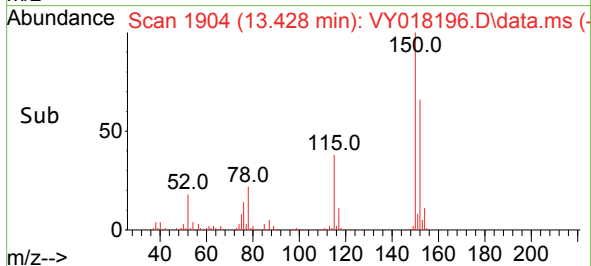


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

Instrument :
MSVOA_Y
ClientSampleId :

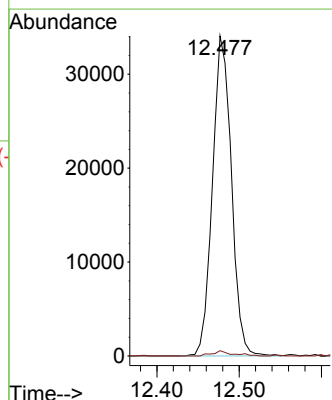
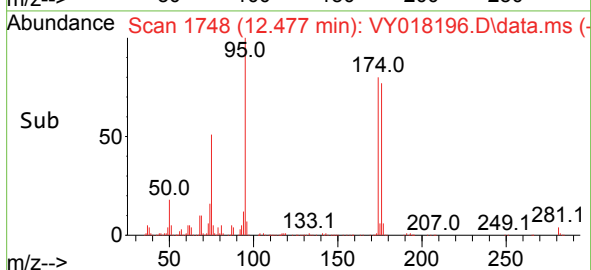
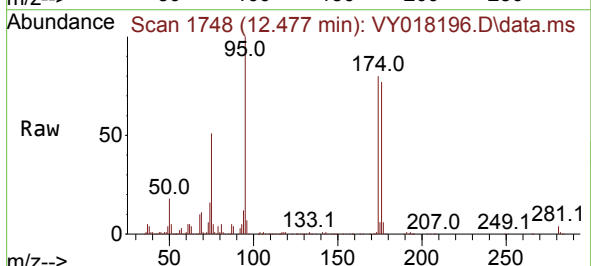


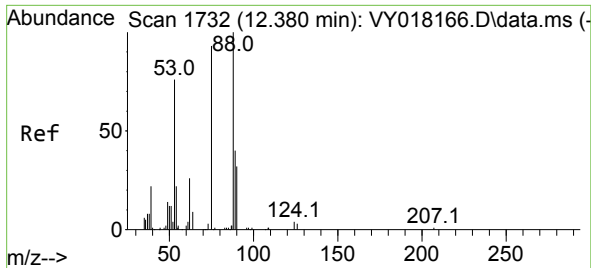
Tgt Ion:152 Resp: 103861
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 157.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 65.589 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018196.D
Acq: 08 May 2024 18:24

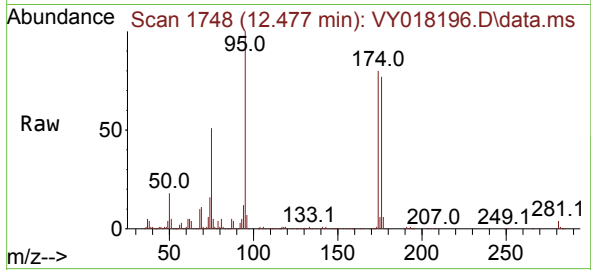
Tgt Ion: 75 Resp: 54527
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.368 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018196.D
 Acq: 08 May 2024 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	54527
Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.3	35.8	53.6#

