

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018272.D
 Acq On : 15 May 2024 15:03
 Operator : SY/MD
 Sample : P2482-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-01-229

Quant Time: May 16 03:06:33 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)

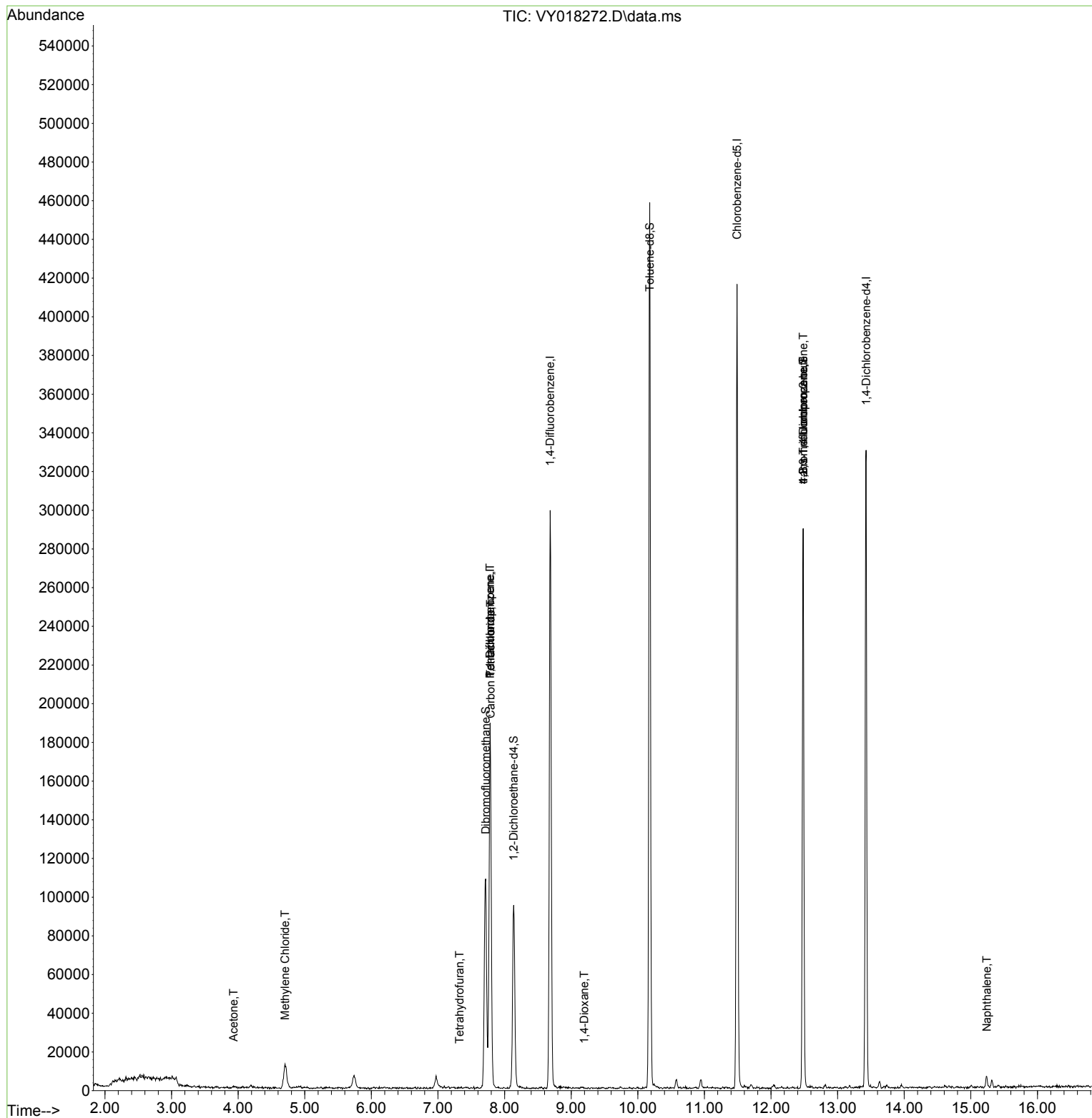
Internal Standards						
1) Pentafluorobenzene	7.783	168	143935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70868	66.927	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.860%			
35) Dibromofluoromethane	7.716	113	79815	55.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.620%			
50) Toluene-d8	10.179	98	307174	54.503	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.000%			
62) 4-Bromofluorobenzene	12.483	95	90858	49.920	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.840%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	352	Below Cal	#	94
13) Acrolein	3.613	56	48	Below Cal	#	15
16) Acetone	3.930	43	480	2.272	ug/l #	75
20) Methylene Chloride	4.704	84	9029	6.045	ug/l #	85
29) Tetrahydrofuran	7.326	42	289	1.296	ug/l #	36
31) Cyclohexane	7.777	56	3226	Below Cal	#	15
36) 1,1-Dichloropropene	7.783	75	11653	5.684	ug/l #	47
38) Carbon Tetrachloride	7.789	117	14275	6.372	ug/l #	16
49) 1,4-Dioxane	9.197	88	69	6.271	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	45998	67.188	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45998	129.449	ug/l #	16
95) Naphthalene	15.239	128	4282	1.700	ug/l	96

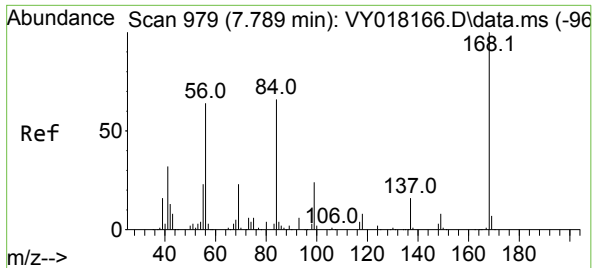
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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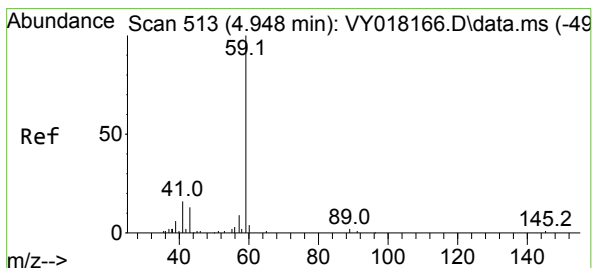
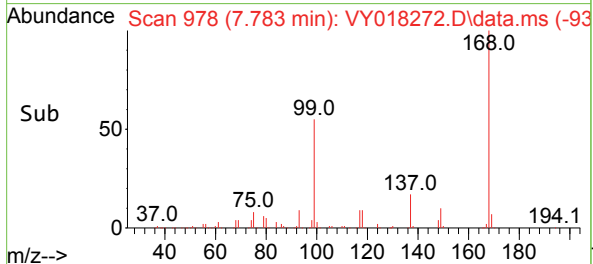
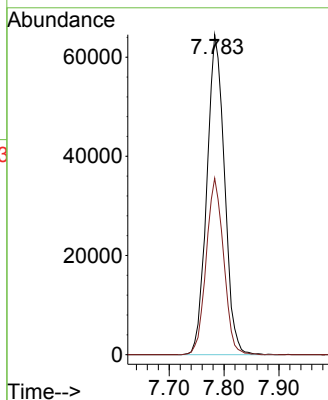
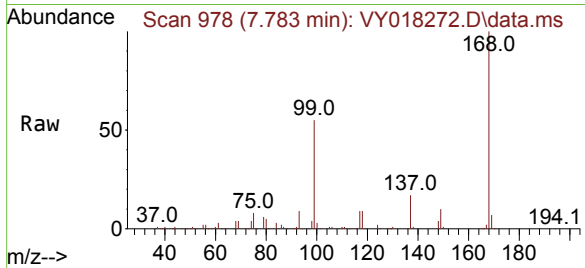




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

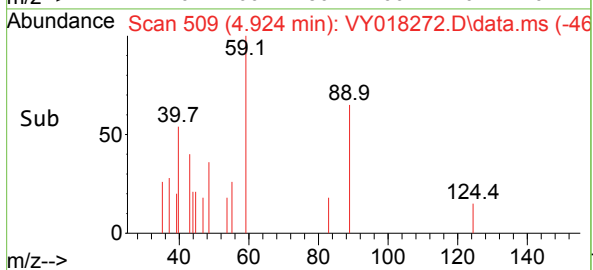
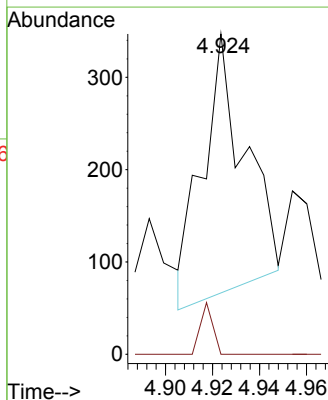
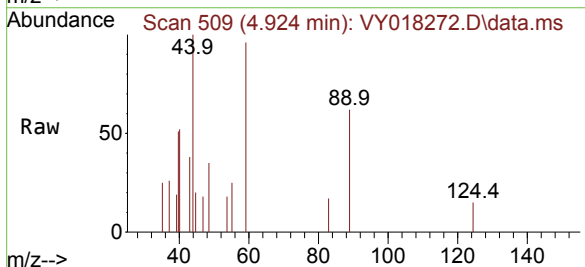
Instrument :
MSVOA_Y
ClientSampleId :
SW-01-229

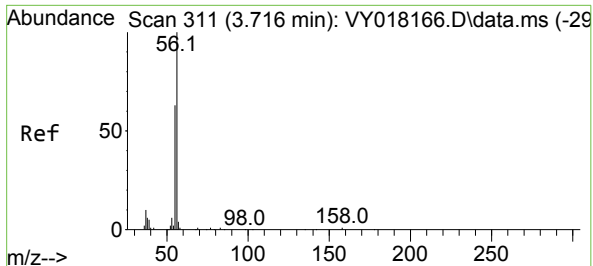
Tgt Ion:168 Resp: 143935
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 5.7 3.0 4.6#

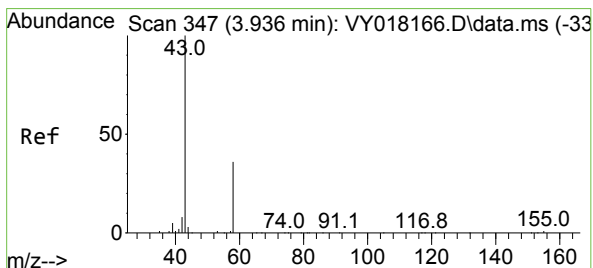
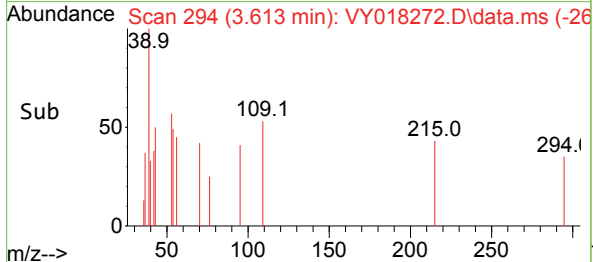
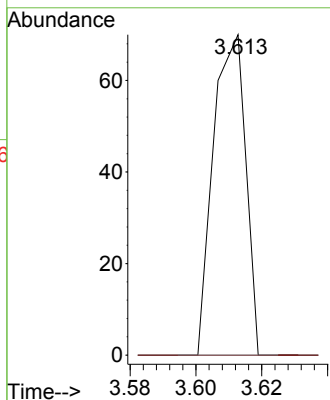
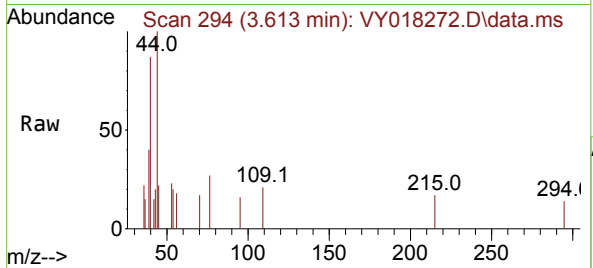




#13
Acrolein
Concen: Below Cal
RT: 3.613 min Scan# 294
Delta R.T. -0.103 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

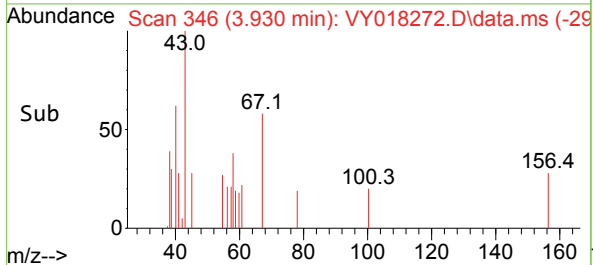
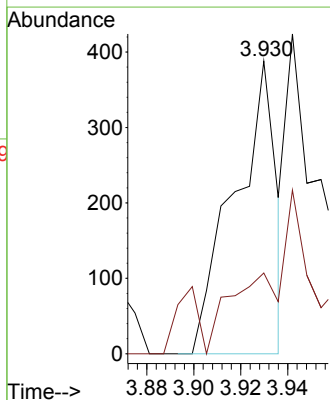
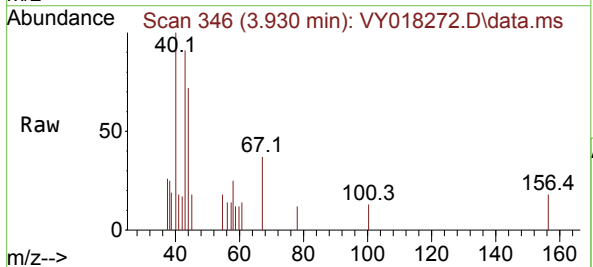
Instrument :
MSVOA_Y
ClientSampleId :
SW-01-229

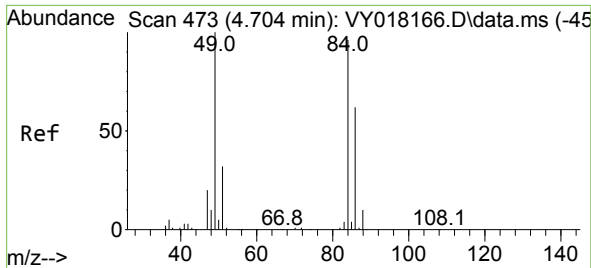
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 2.272 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 24.2 31.7 47.5#



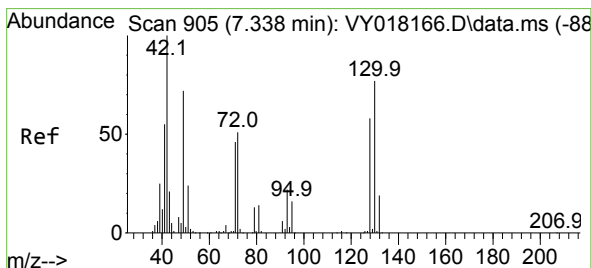
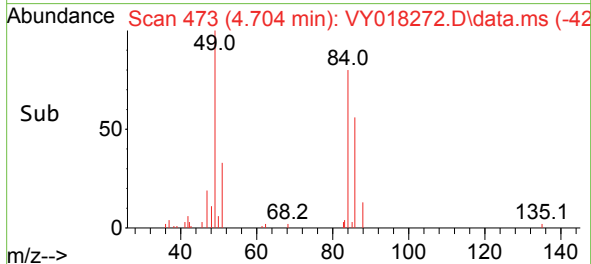
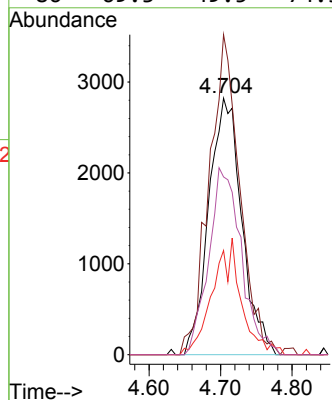
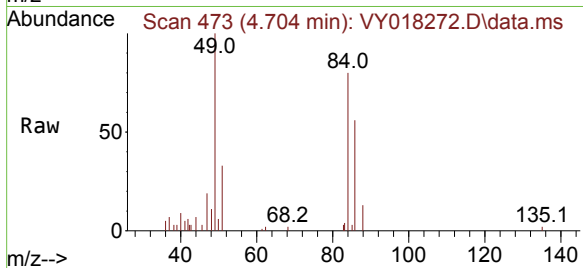


#20
Methylene Chloride
Concen: 6.045 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
SW-01-229

Tgt Ion: 84 Resp: 9029

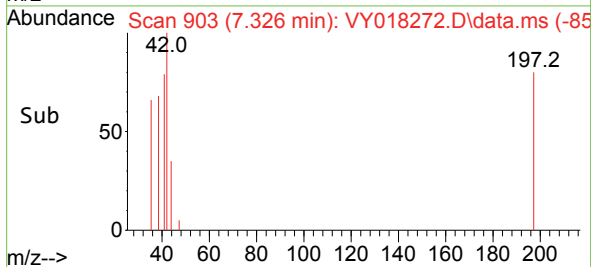
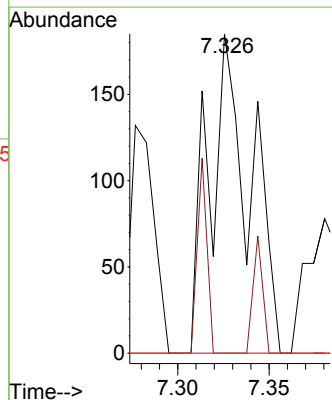
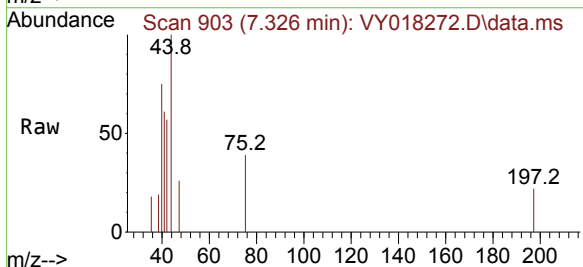
Ion	Ratio	Lower	Upper
84	100		
49	124.8	84.4	126.6
51	40.6	26.0	39.0#
86	69.3	49.5	74.3

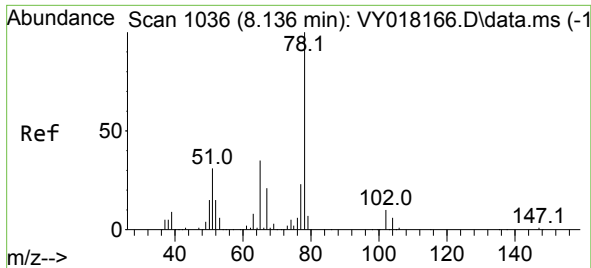


#29
Tetrahydrofuran
Concen: 1.296 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 42 Resp: 289

Ion	Ratio	Lower	Upper
42	100		
72	14.2	43.0	64.4#
71	0.0	40.8	61.2#

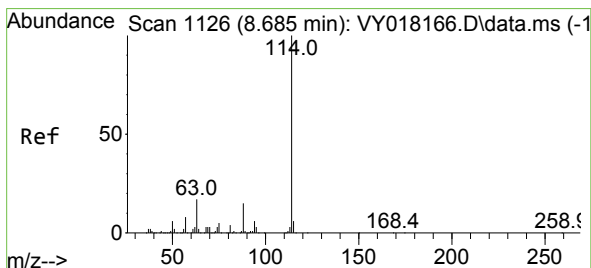
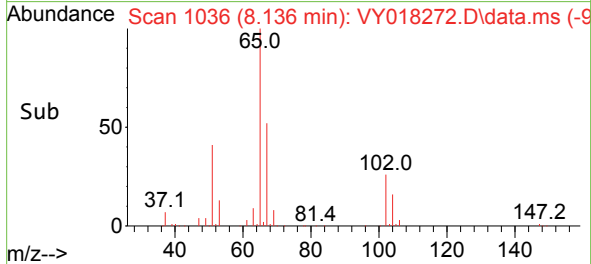
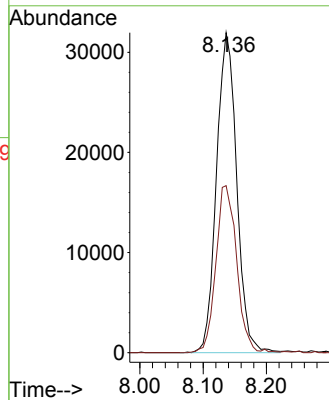
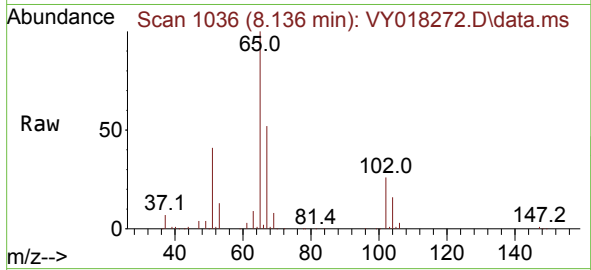




#33
1,2-Dichloroethane-d4
Concen: 66.927 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

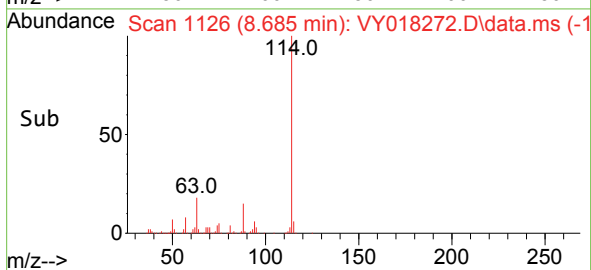
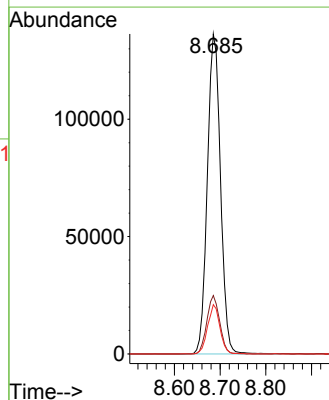
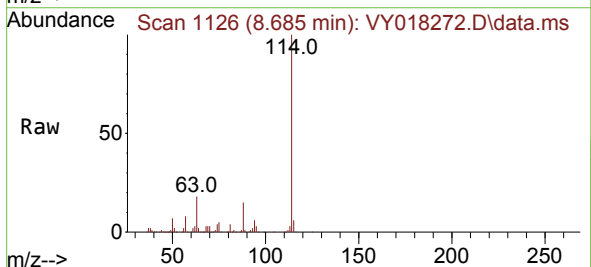
Instrument :
MSVOA_Y
ClientSampleId :
SW-01-229

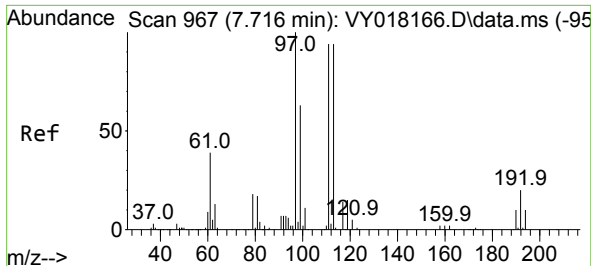
Tgt Ion: 65 Resp: 70868
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 114 Resp: 272139
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 15.4 0.0 27.2

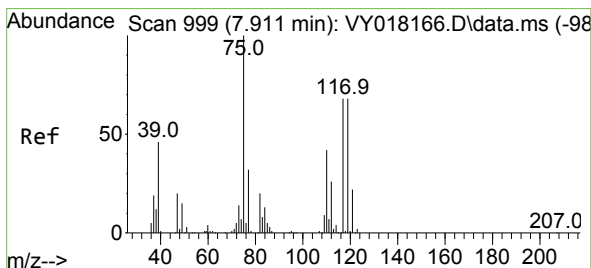
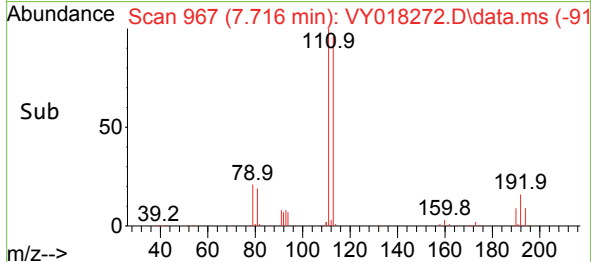
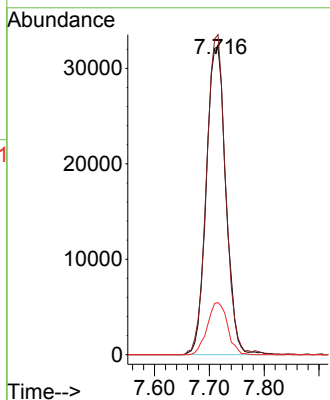
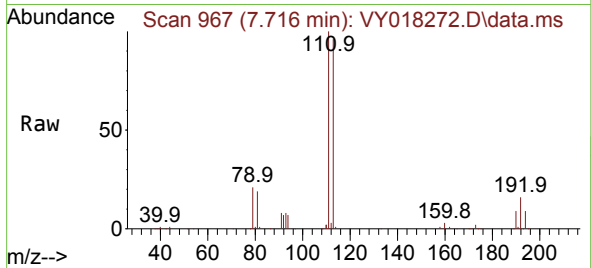




#35
Dibromofluoromethane
Concen: 55.806 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

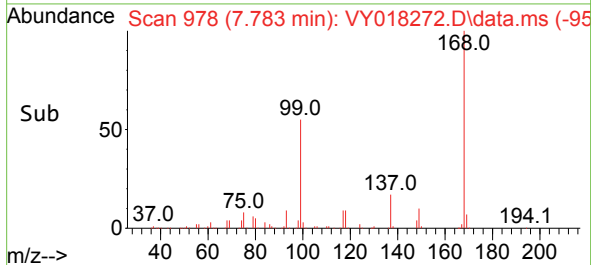
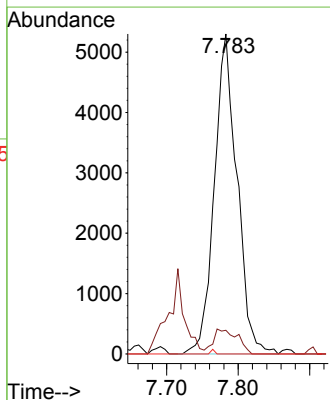
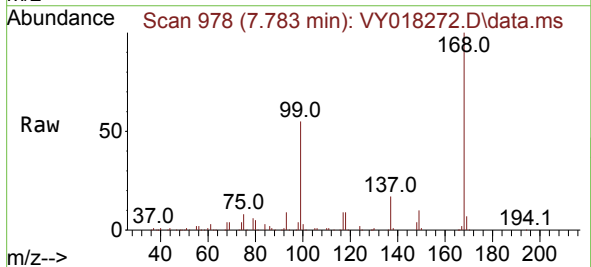
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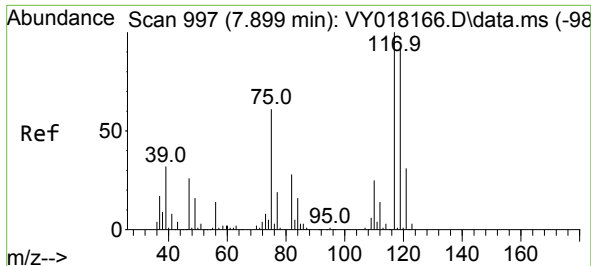
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	17.5	15.9	23.9



#36
1,1-Dichloropropene
Concen: 5.684 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

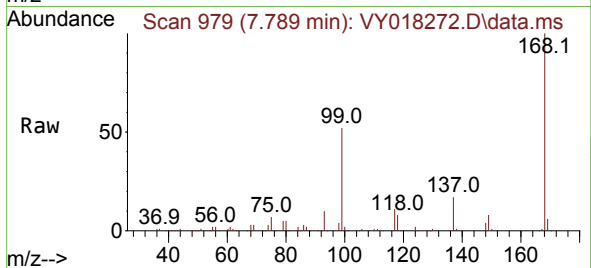
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.0	57.0#
77	0.2	25.3	37.9#



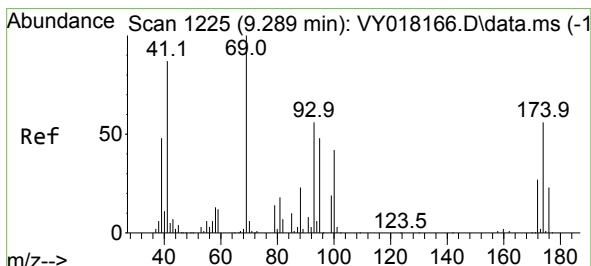
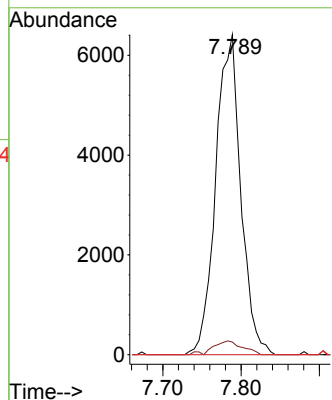
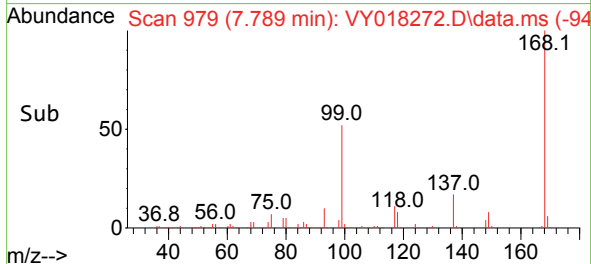


#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

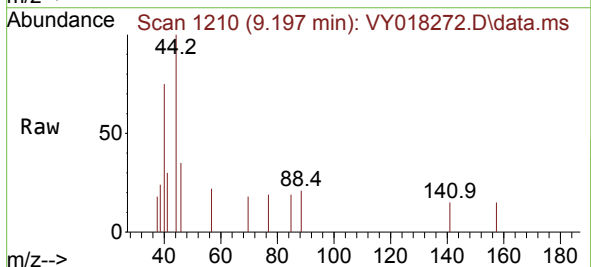
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MSVOA_Y
ClientSampleId :
SW-01-229



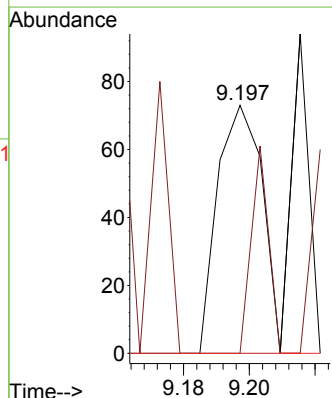
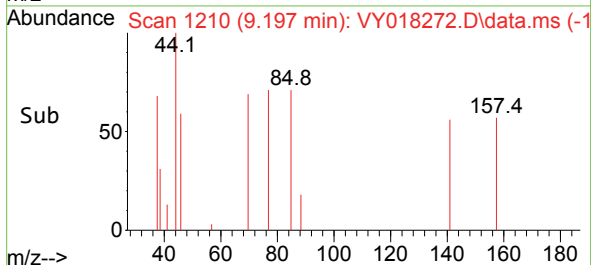
Tgt Ion:117 Resp: 14275
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#

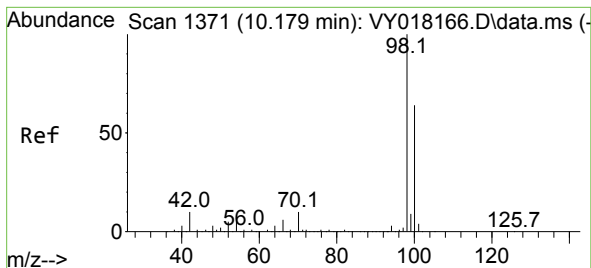


#49
1,4-Dioxane
Concen: 6.271 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03



Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 31.9 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 54.503 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018272.D

Acq: 15 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

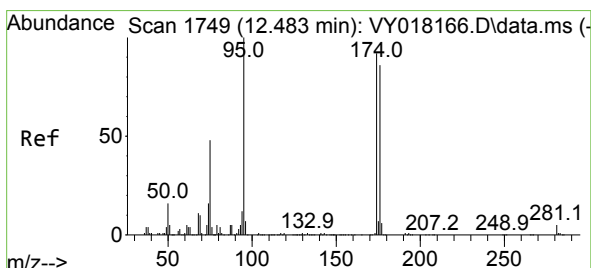
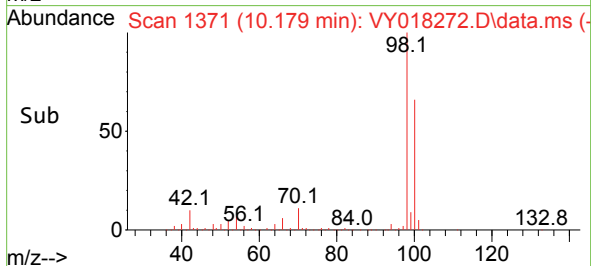
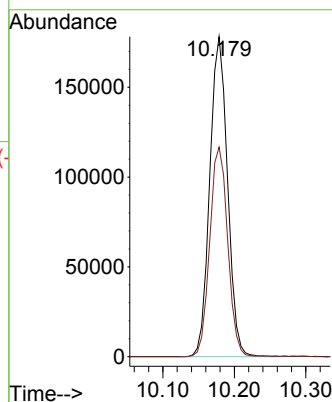
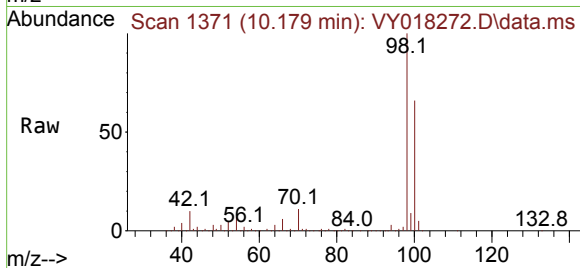
SW-01-229

Tgt Ion: 98 Resp: 307174

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.920 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018272.D

Acq: 15 May 2024 15:03

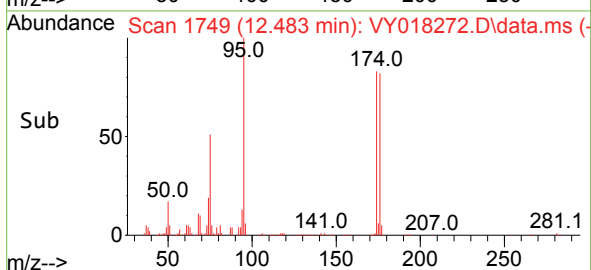
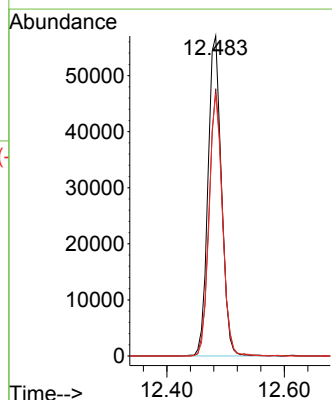
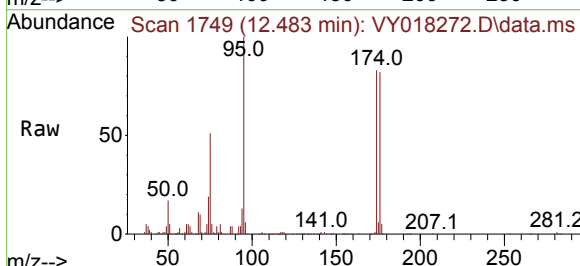
Tgt Ion: 95 Resp: 90858

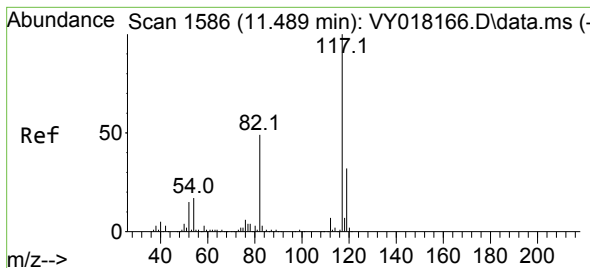
Ion Ratio Lower Upper

95 100

174 82.2 0.0 175.6

176 80.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018272.D

Acq: 15 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

SW-01-229

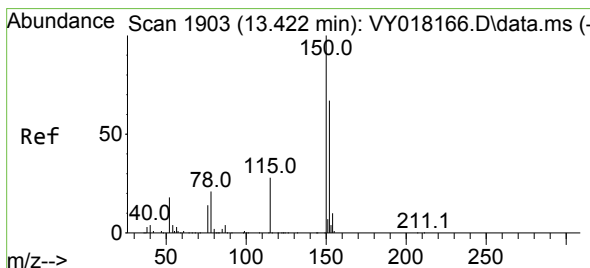
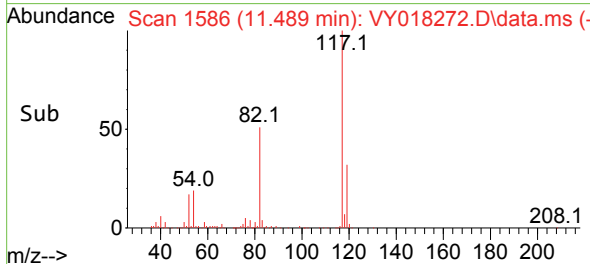
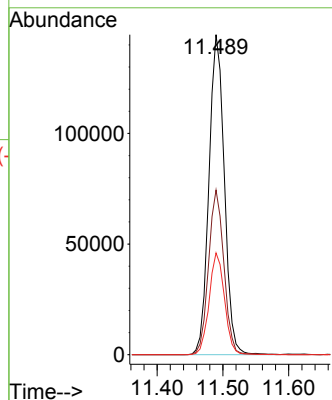
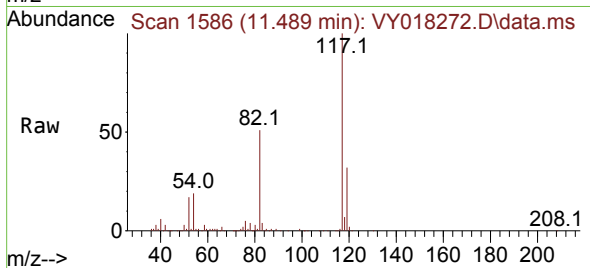
Tgt Ion:117 Resp: 235858

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.8 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: VY018272.D

Acq: 15 May 2024 15:03

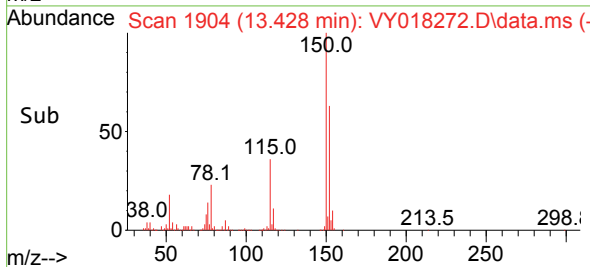
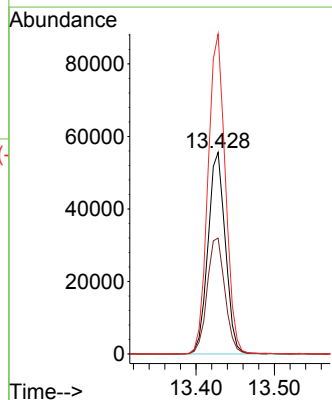
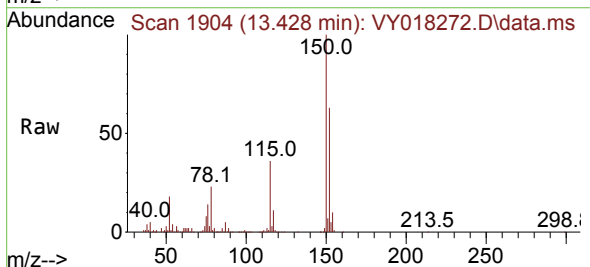
Tgt Ion:152 Resp: 85530

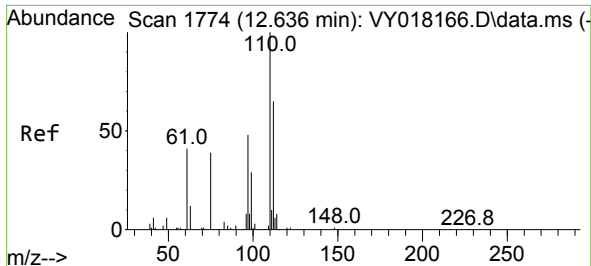
Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 159.3 0.0 345.6

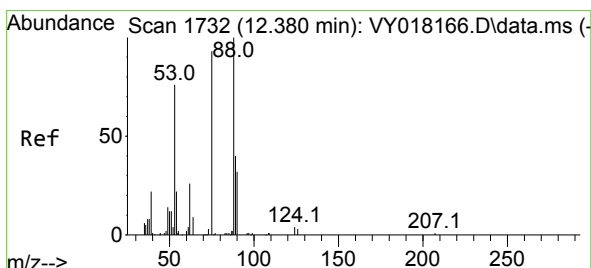
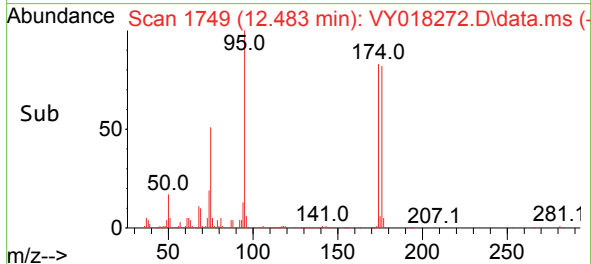
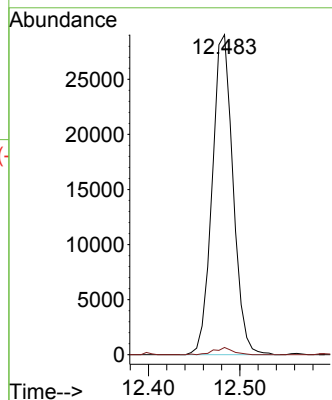
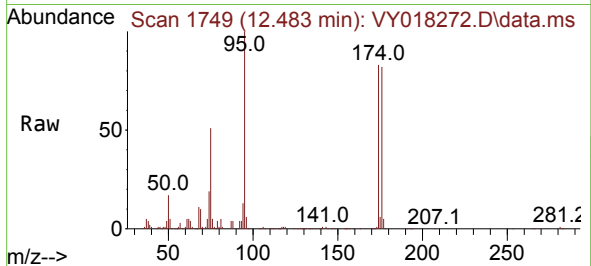




#76
1,2,3-Trichloropropane
Concen: 67.188 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

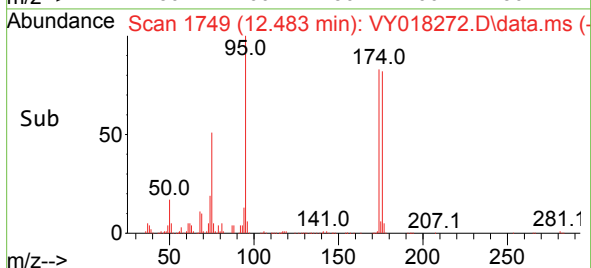
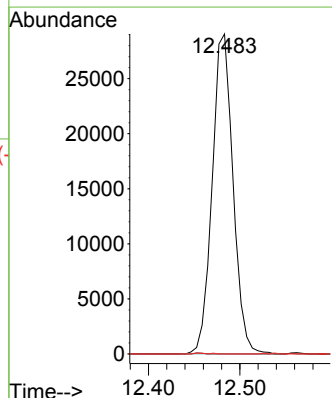
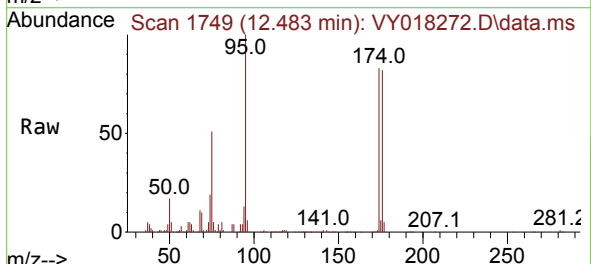
Instrument :
MSVOA_Y
ClientSampleId :
SW-01-229

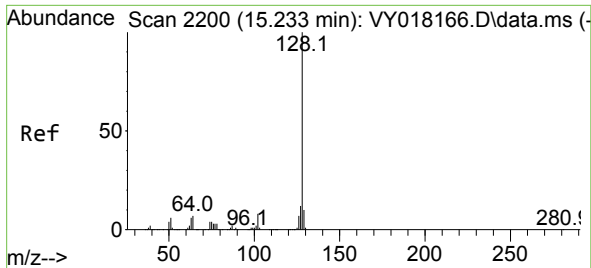
Tgt Ion: 75 Resp: 45998
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.449 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 75 Resp: 45998
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95

Naphthalene

Concen: 1.700 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018272.D

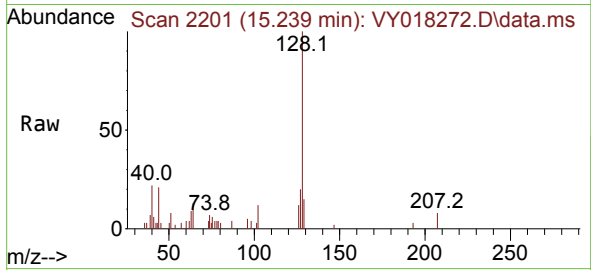
Acq: 15 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

SW-01-229



Tgt Ion:128 Resp: 4282

Ion Ratio Lower Upper

128 100

127 15.1 10.6 16.0

129 12.1 8.6 13.0

