

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018274.D
 Acq On : 15 May 2024 15:50
 Operator : SY/MD
 Sample : P2482-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-03-229

Quant Time: May 16 03:07:17 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)

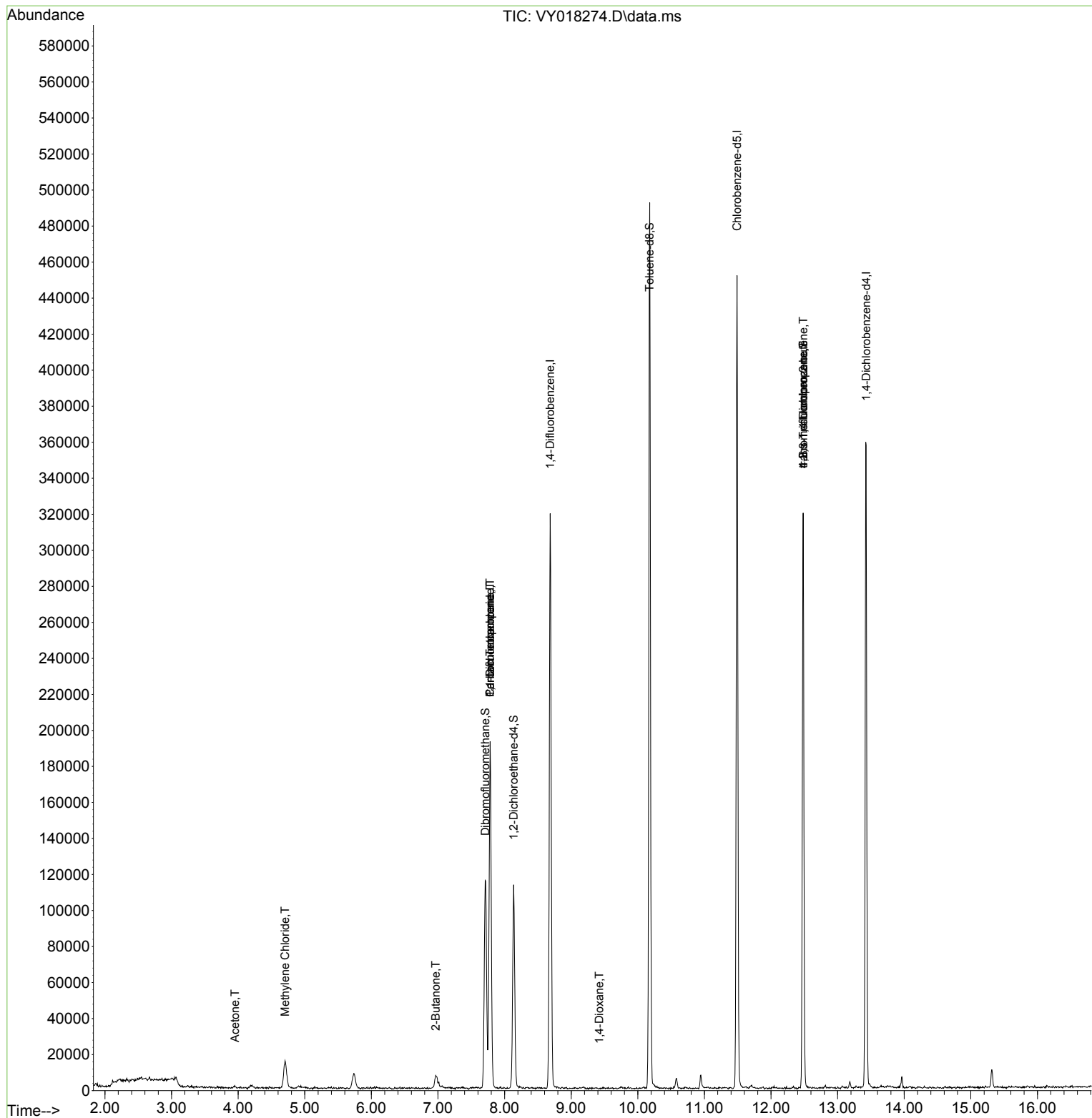
Internal Standards						
1) Pentafluorobenzene	7.783	168	146571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78276	72.594	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.180%			
35) Dibromofluoromethane	7.710	113	84774	56.963	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.920%			
50) Toluene-d8	10.179	98	326435	55.662	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.320%			
62) 4-Bromofluorobenzene	12.483	95	99512	52.543	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	738	Below Cal	#	79
13) Acrolein	3.710	56	26	Below Cal	#	1
16) Acetone	3.954	43	1677	7.793	ug/l #	80
20) Methylene Chloride	4.704	84	12037	7.914	ug/l	89
25) 2-Butanone	6.966	43	776	2.256	ug/l #	41
31) Cyclohexane	7.777	56	3216	Below Cal	#	6
36) 1,1-Dichloropropene	7.783	75	11464	5.373	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14696	6.304	ug/l #	15
49) 1,4-Dioxane	9.423	88	19	1.660	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	48250	63.282	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48250	121.923	ug/l #	16

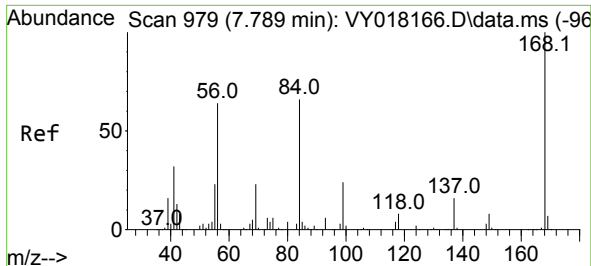
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

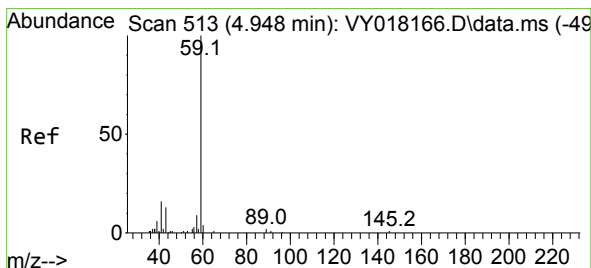
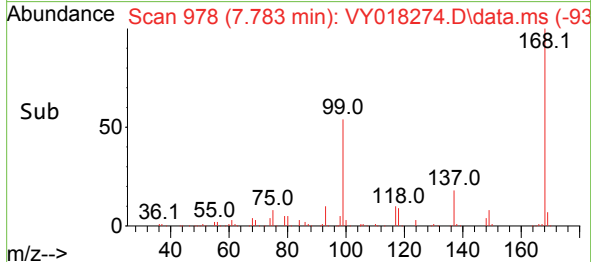
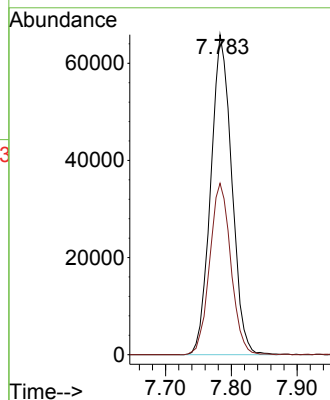
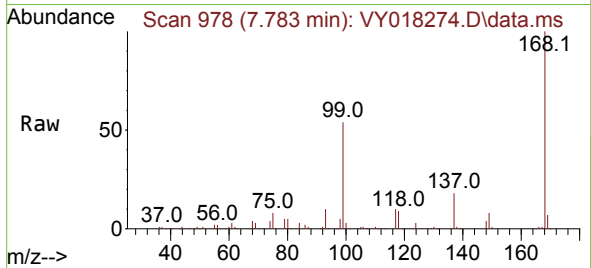




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

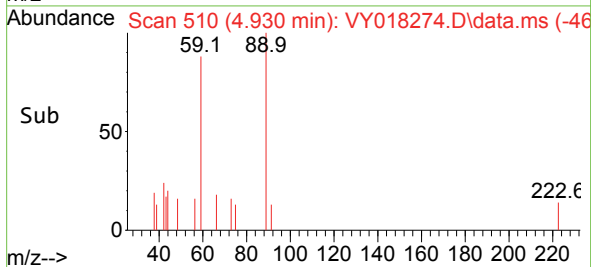
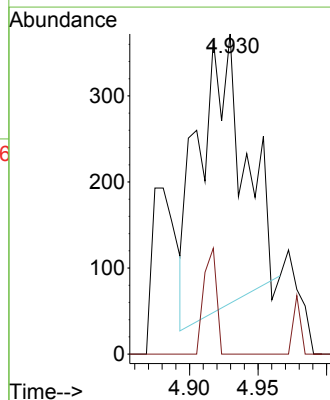
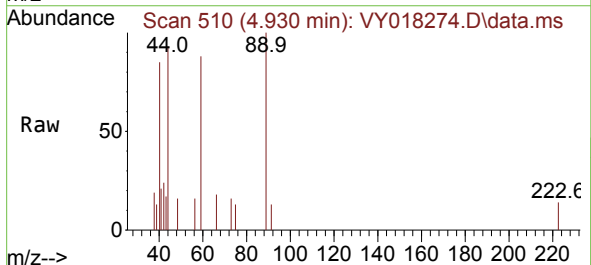
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

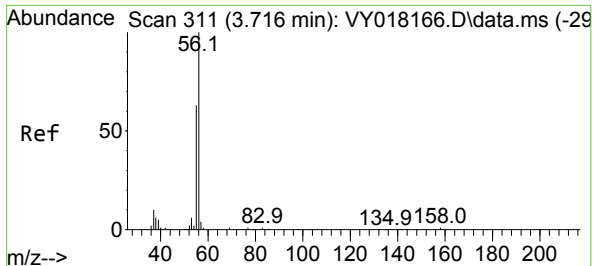
Tgt Ion:168 Resp: 146571
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 59 Resp: 738
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.6#

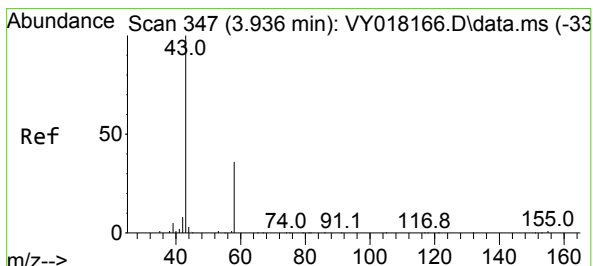
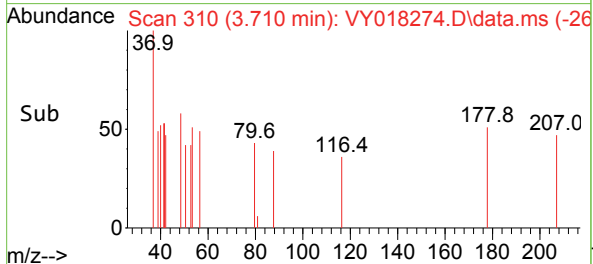
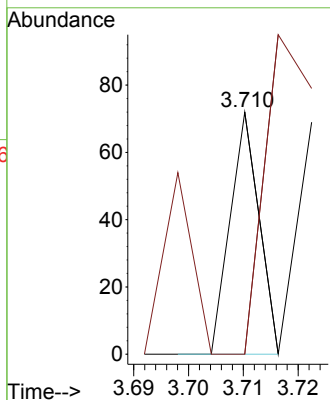
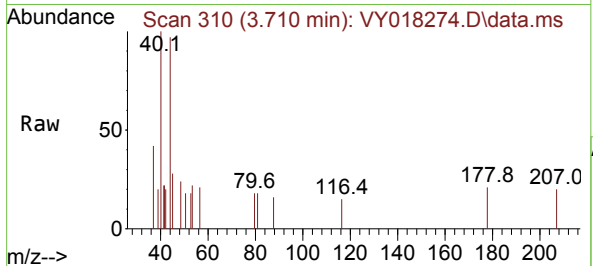




#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

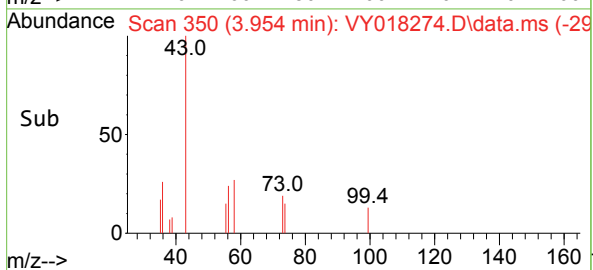
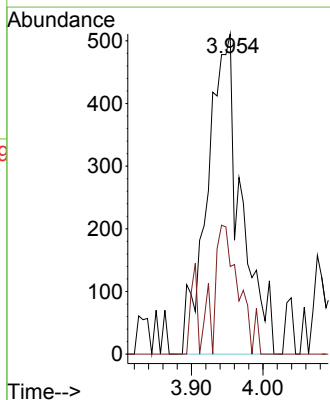
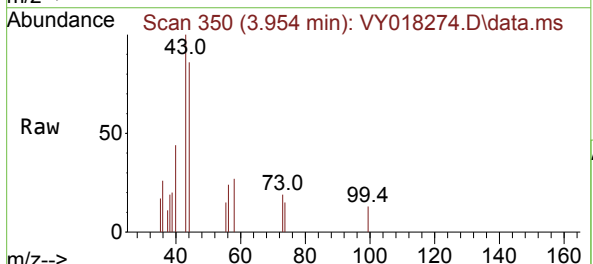
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

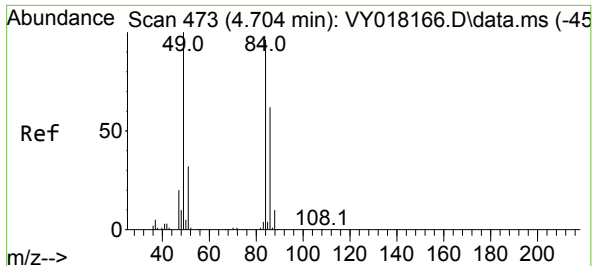
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 246.2 55.7 83.5#



#16
Acetone
Concen: 7.793 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.018 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#

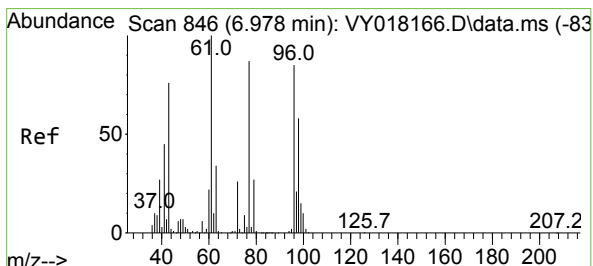
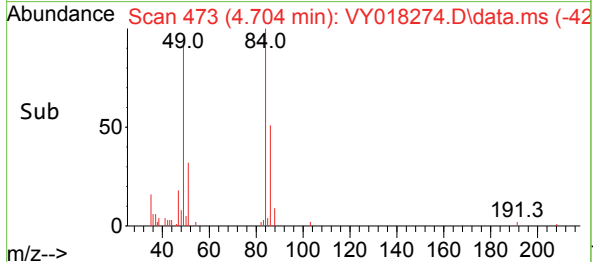
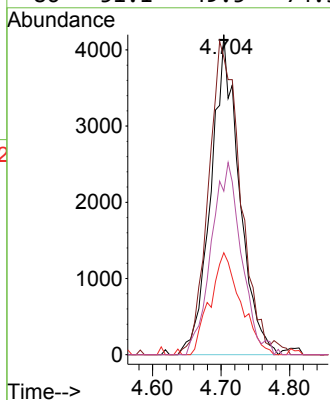
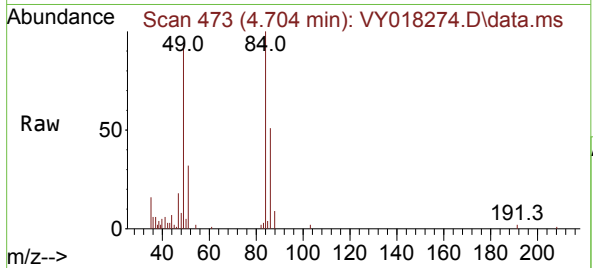




#20
Methylene Chloride
Concen: 7.914 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

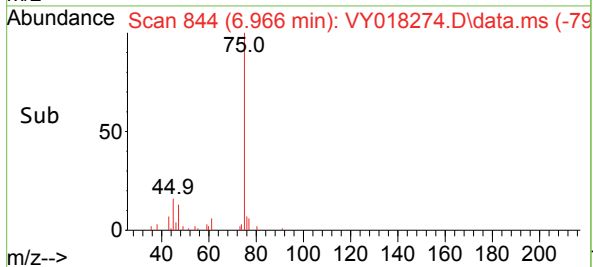
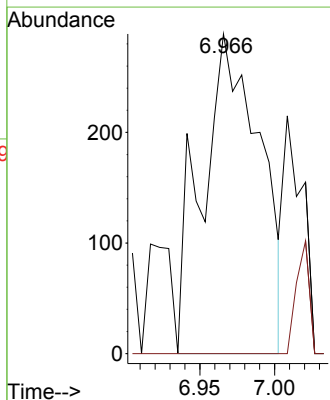
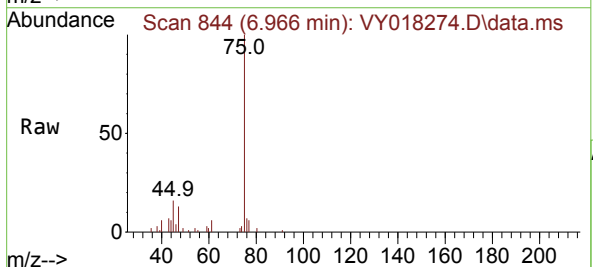
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

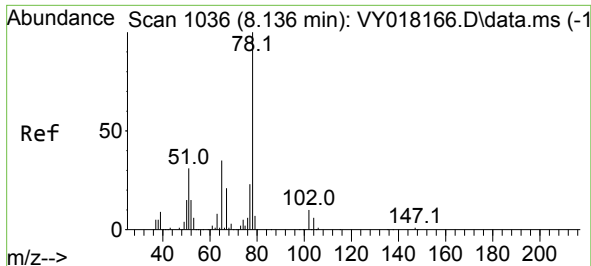
Tgt Ion:	84	Resp:	12037
Ion	Ratio	Lower	Upper
84	100		
49	93.0	84.4	126.6
51	31.9	26.0	39.0
86	51.1	49.5	74.3



#25
2-Butanone
Concen: 2.256 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion:	43	Resp:	776
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

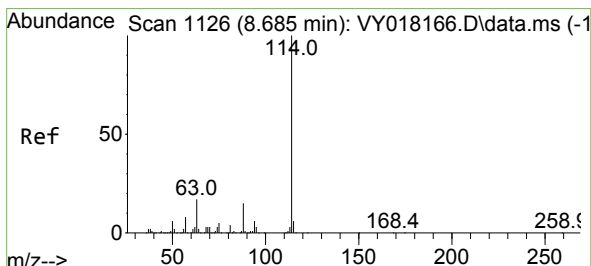
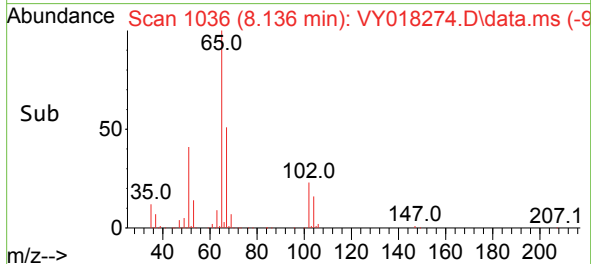
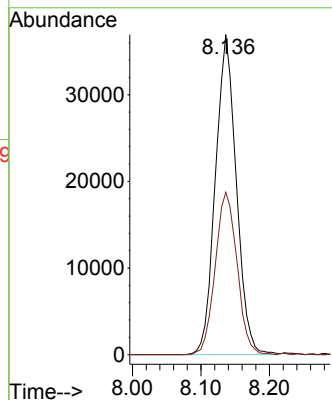
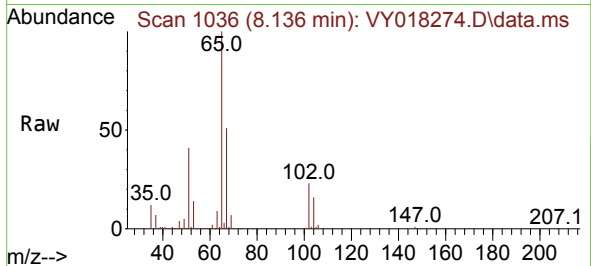




#33
1,2-Dichloroethane-d4
Concen: 72.594 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

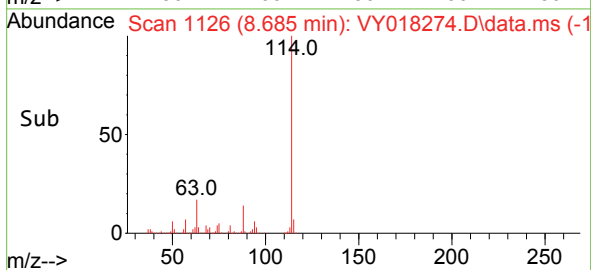
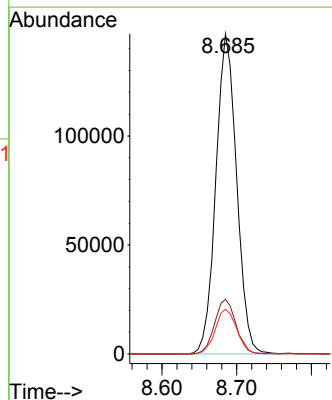
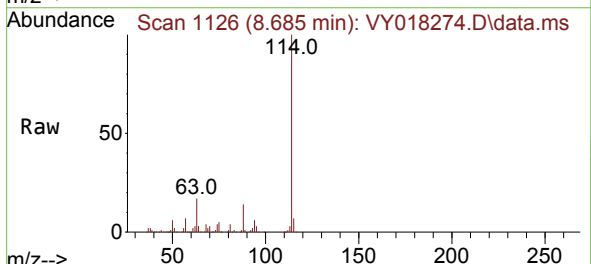
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

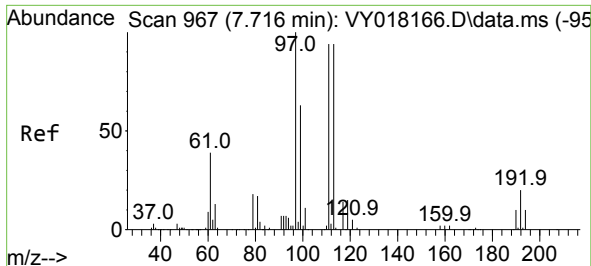
Tgt Ion: 65 Resp: 78276
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 114 Resp: 283178
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 14.0 0.0 27.2

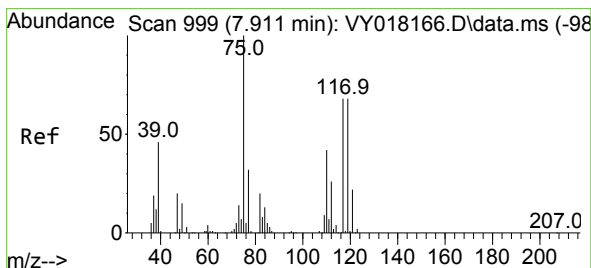
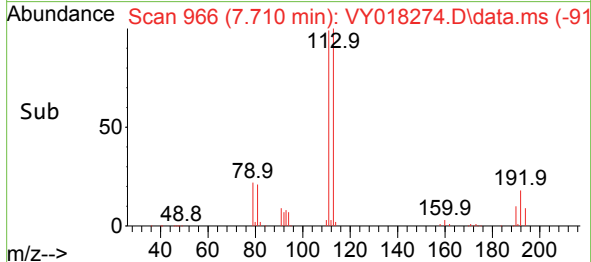
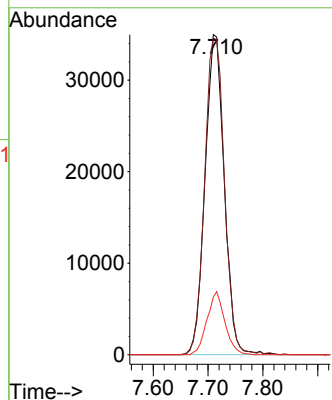
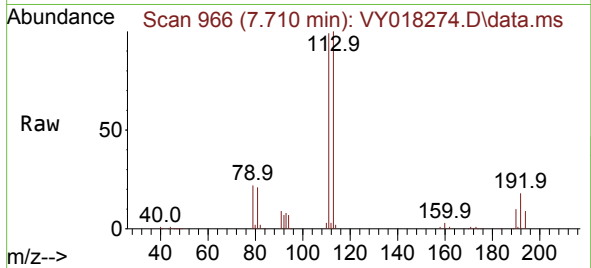




#35
Dibromofluoromethane
Concen: 56.963 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

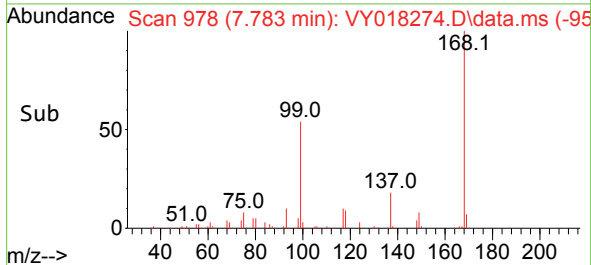
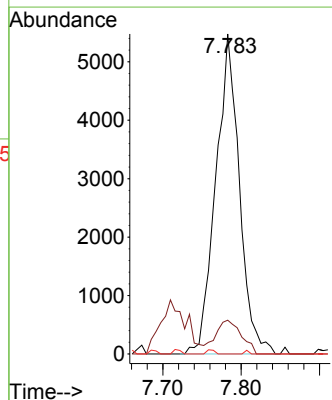
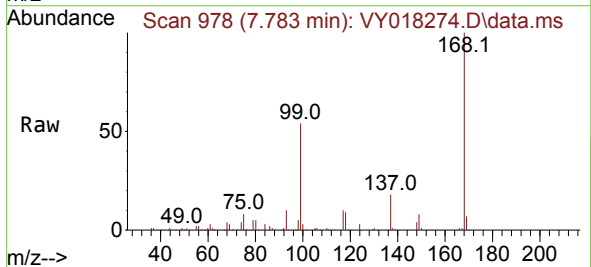
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

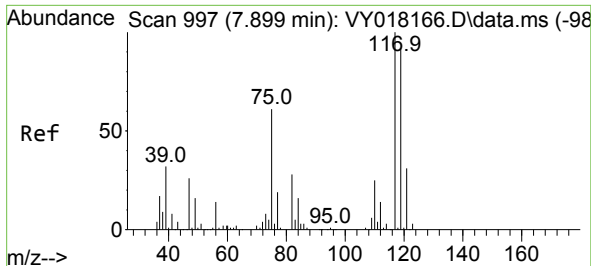
Tgt Ion:113 Resp: 84774
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.373 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

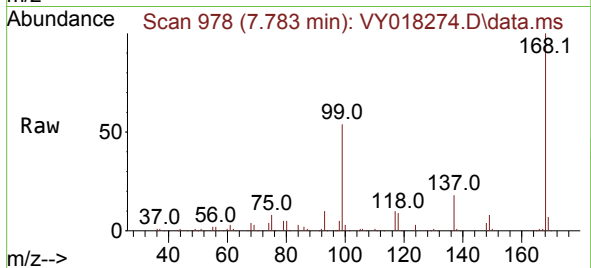
Tgt Ion: 75 Resp: 11464
Ion Ratio Lower Upper
75 100
110 11.5 19.0 57.0#
77 0.0 25.3 37.9#



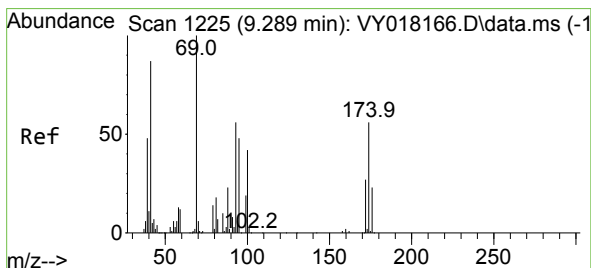
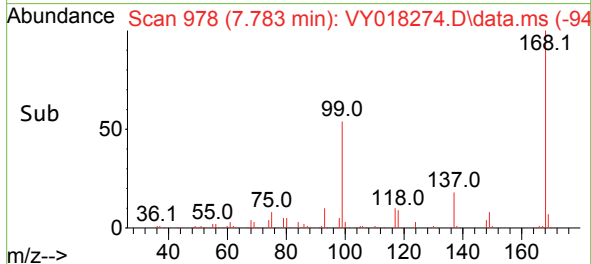
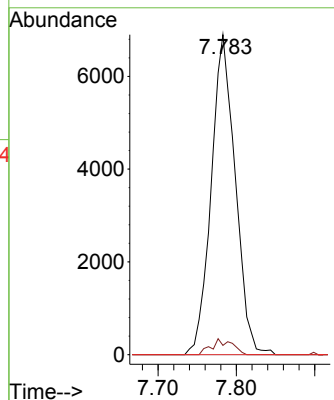


#38
Carbon Tetrachloride
Concen: 6.304 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

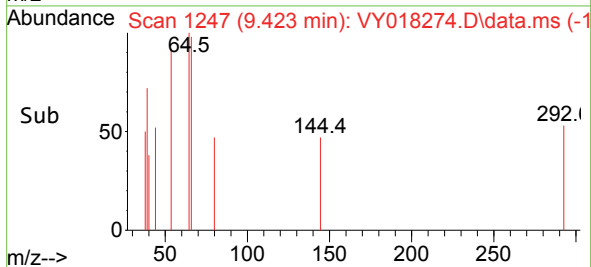
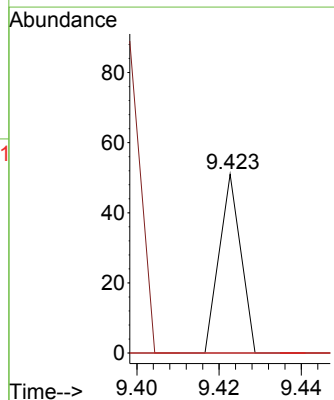
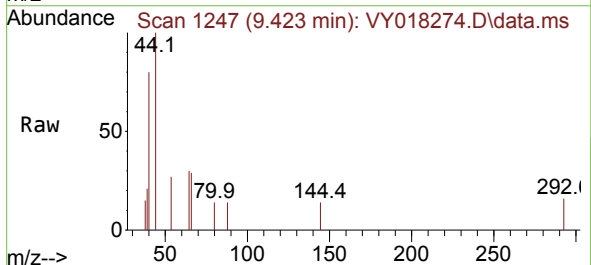


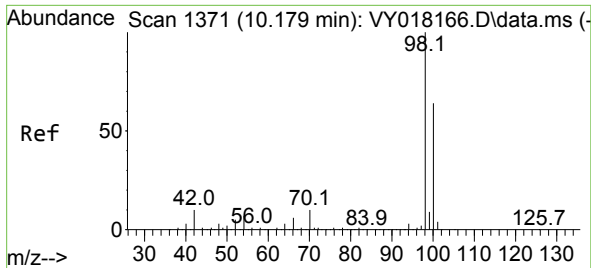
Tgt Ion:117 Resp: 14696
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.660 ug/l
RT: 9.423 min Scan# 1247
Delta R.T. 0.134 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

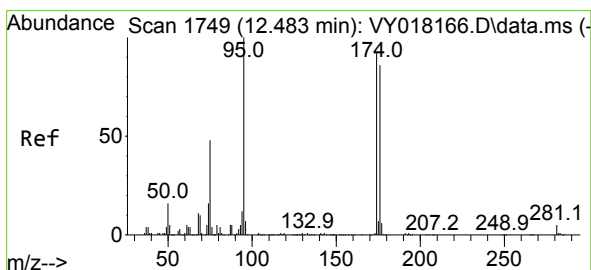
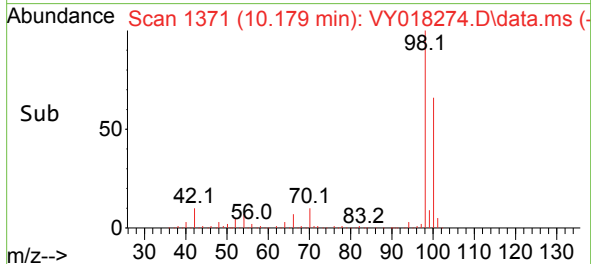
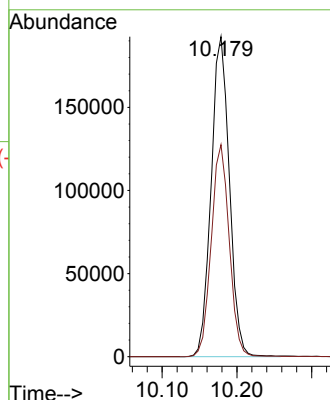
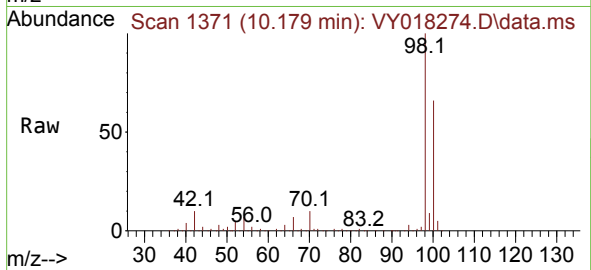




#50
Toluene-d8
Concen: 55.662 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

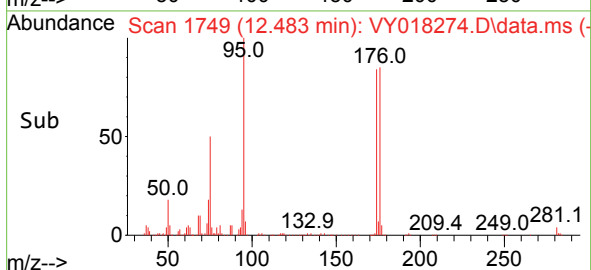
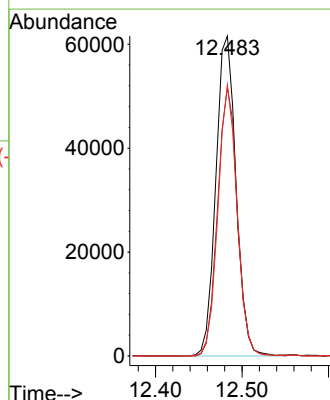
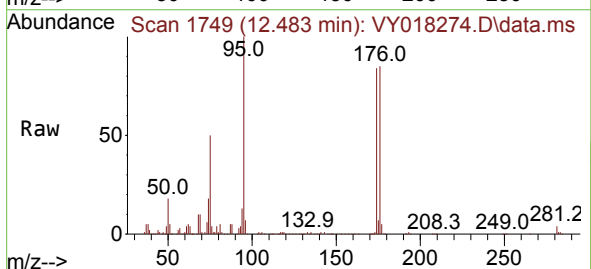
Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

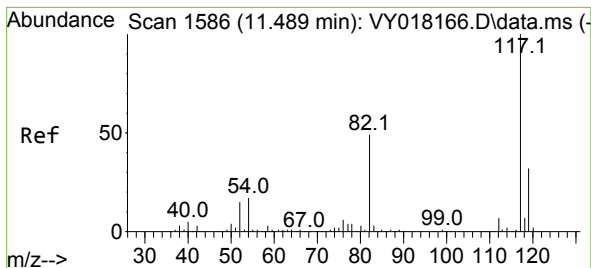
Tgt Ion: 98 Resp: 326435
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.543 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 95 Resp: 99512
Ion Ratio Lower Upper
95 100
174 82.1 0.0 175.6
176 80.2 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: VY018274.D

Acq: 15 May 2024 15:50

Instrument :

MSVOA_Y

ClientSampleId :

SW-03-229

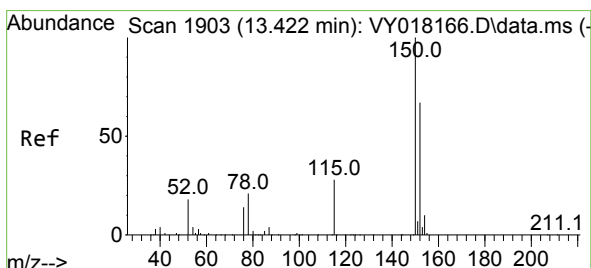
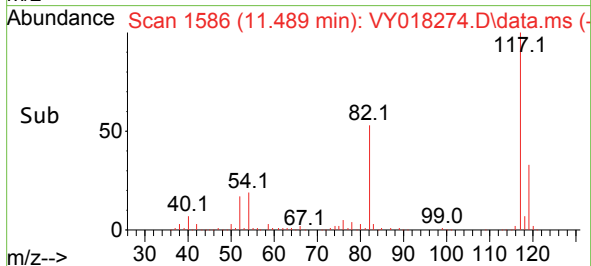
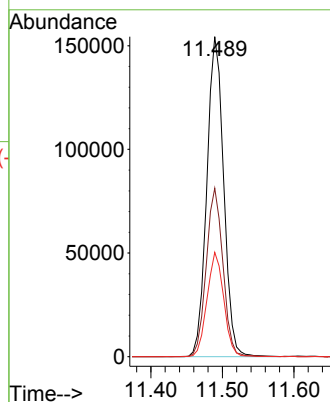
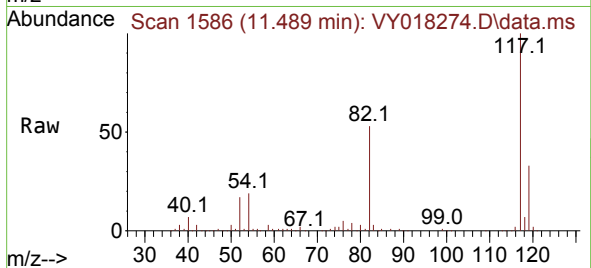
Tgt Ion:117 Resp: 252623

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

119 32.6 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: VY018274.D

Acq: 15 May 2024 15:50

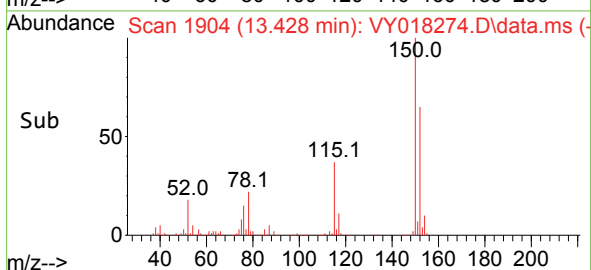
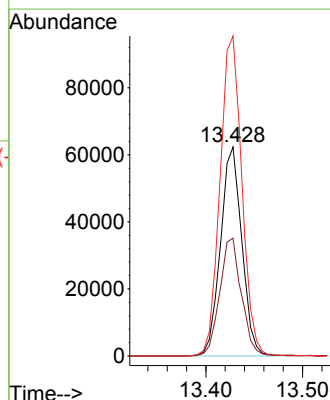
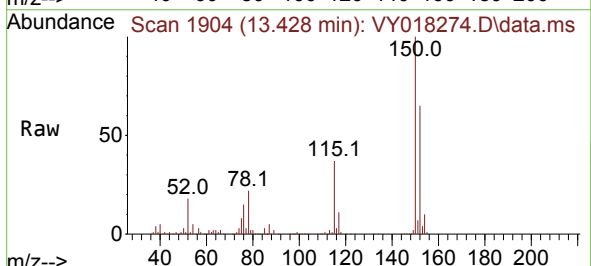
Tgt Ion:152 Resp: 95256

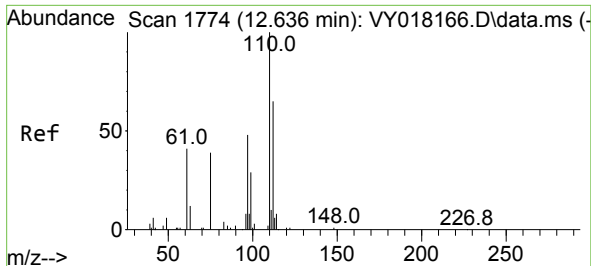
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 157.2 0.0 345.6

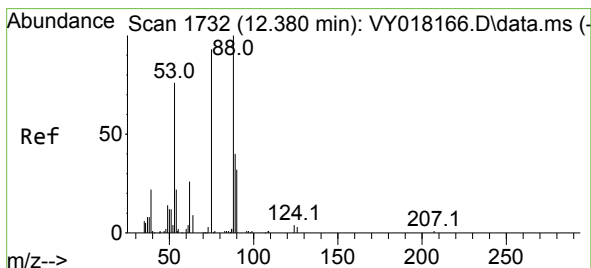
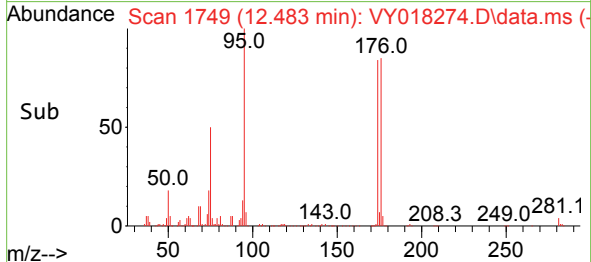
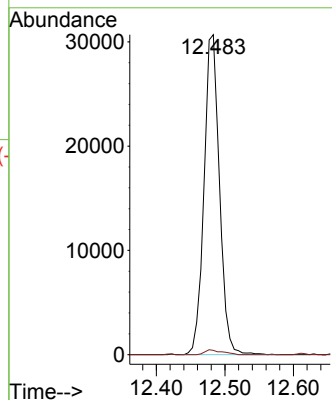
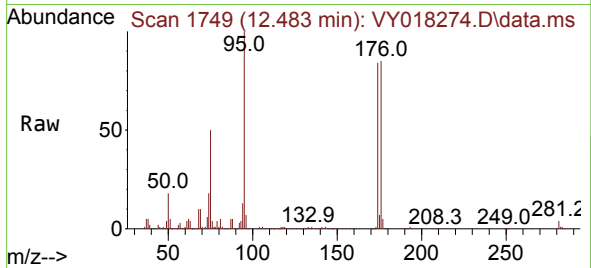




#76
1,2,3-Trichloropropane
Concen: 63.282 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Instrument :
MSVOA_Y
ClientSampleId :
SW-03-229

Tgt Ion: 75 Resp: 48250
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.923 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018274.D
Acq: 15 May 2024 15:50

Tgt Ion: 75 Resp: 48250
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

