

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018288.D
 Acq On : 16 May 2024 16:23
 Operator : SY/MD
 Sample : P2500-01
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-112-SB01

Quant Time: May 17 01:16:33 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)

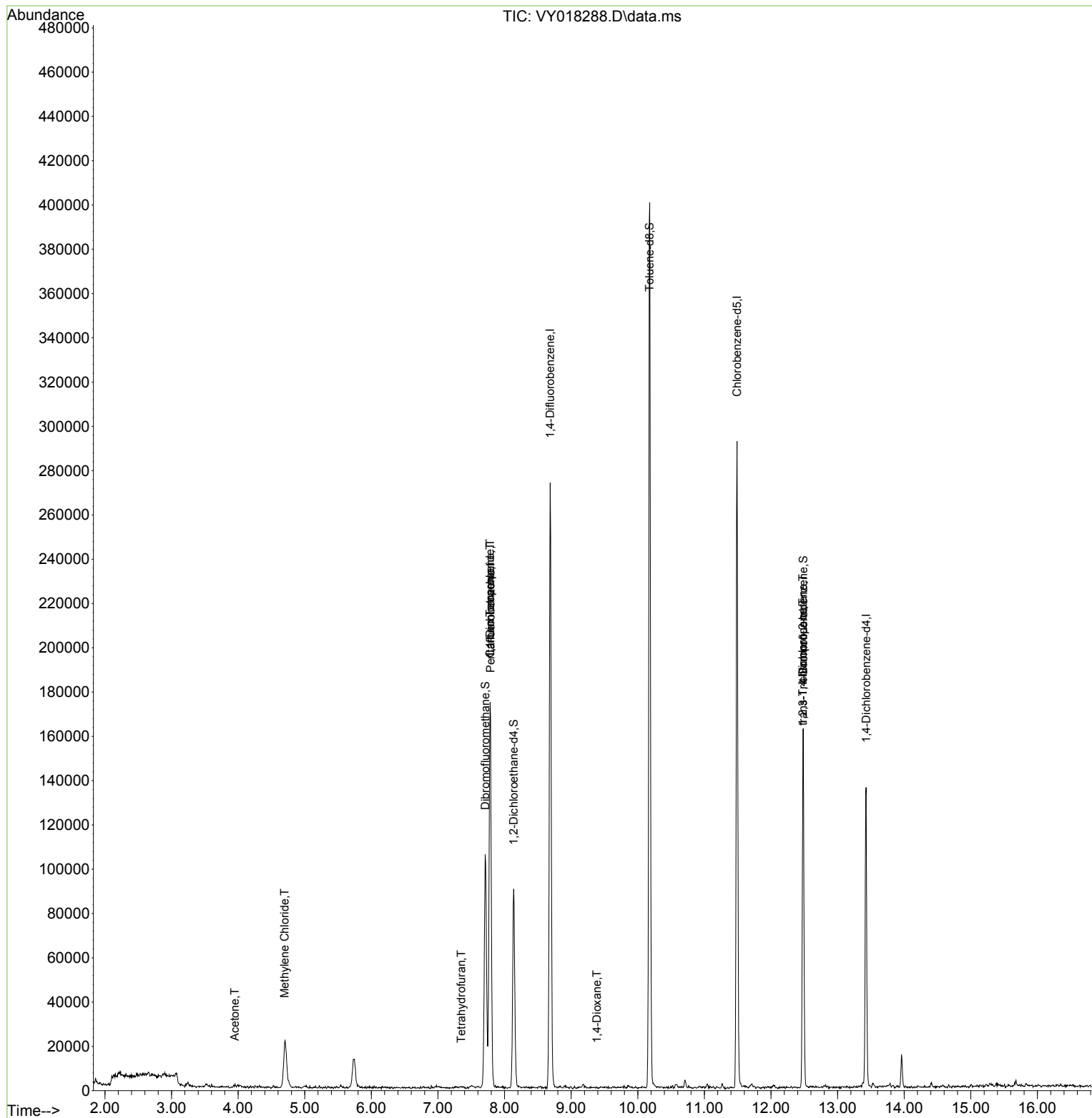
Internal Standards						
1) Pentafluorobenzene	7.789	168	135611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	242639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	64304	64.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.920%	
35) Dibromofluoromethane	7.710	113	74819	58.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.340%	
50) Toluene-d8	10.179	98	268505	53.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.483	95	47413	29.217	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 58.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	358	Below Cal	#	88
13) Acrolein	3.723	56	251	Below Cal	#	81
16) Acetone	3.948	43	1186	5.957	ug/l	94
20) Methylene Chloride	4.698	84	17031	12.103	ug/l	96
29) Tetrahydrofuran	7.350	42	438	2.085	ug/l #	56
31) Cyclohexane	7.783	56	3223	Below Cal	#	2
36) 1,1-Dichloropropene	7.783	75	10311	5.640	ug/l #	44
38) Carbon Tetrachloride	7.783	117	13956	6.987	ug/l #	16
49) 1,4-Dioxane	9.386	88	29	2.956	ug/l #	86
76) 1,2,3-Trichloropropane	12.477	75	24234	88.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24234	170.416	ug/l #	16

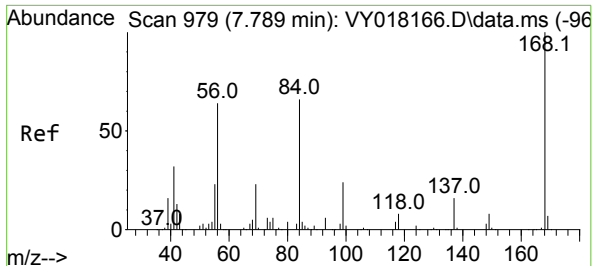
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

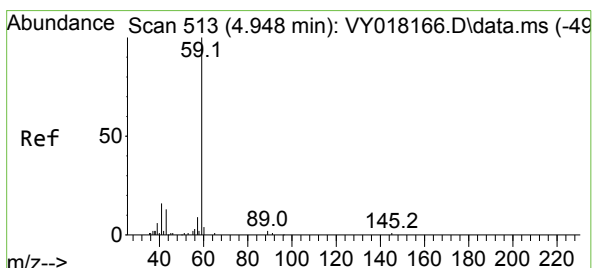
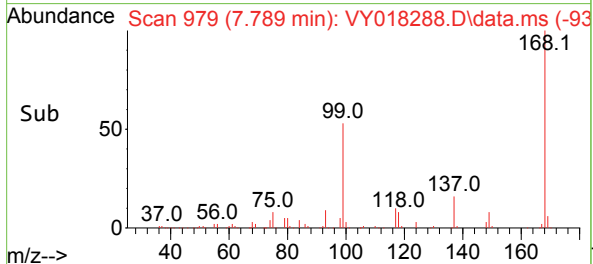
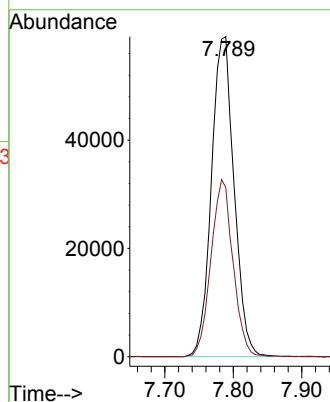
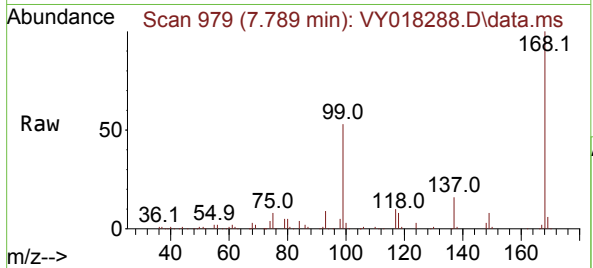




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

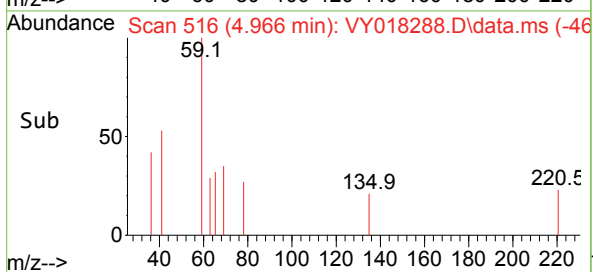
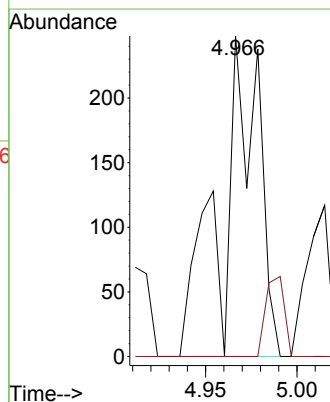
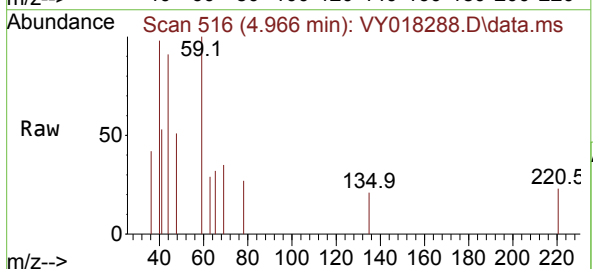
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

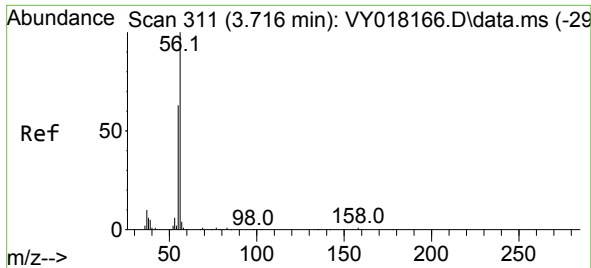
Tgt Ion:168 Resp: 135611
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 59 Resp: 358
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

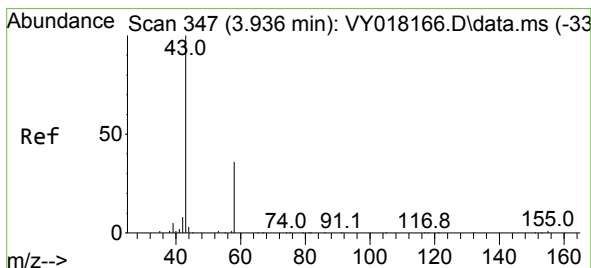
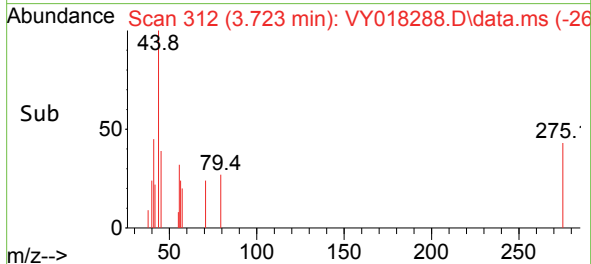
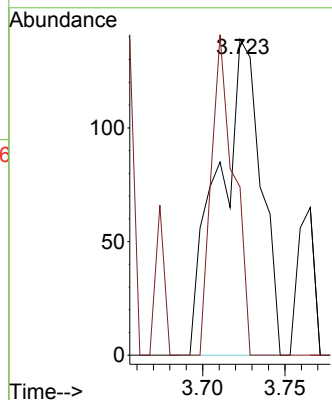
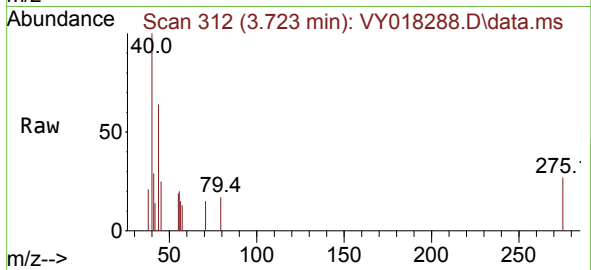




#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

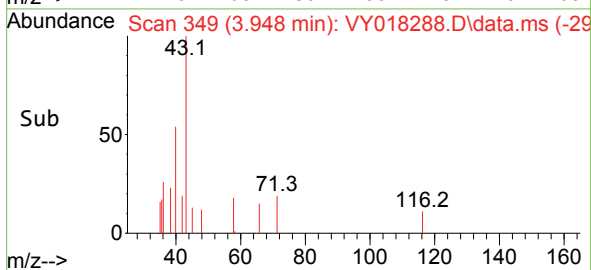
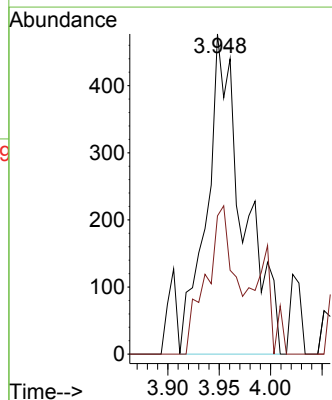
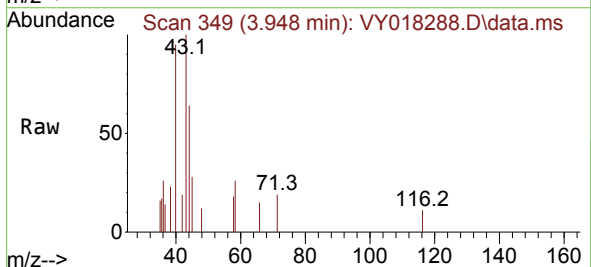
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

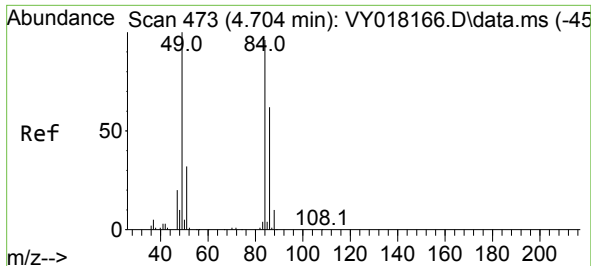
Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 53.8 55.7 83.5#



#16
Acetone
Concen: 5.957 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 43 Resp: 1186
Ion Ratio Lower Upper
43 100
58 43.2 31.7 47.5

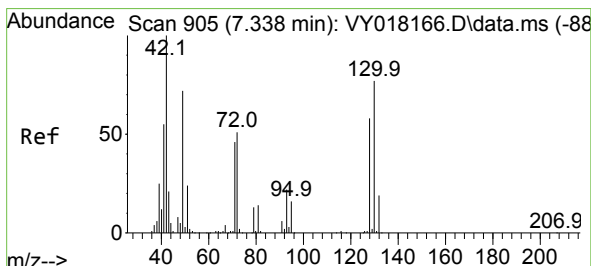
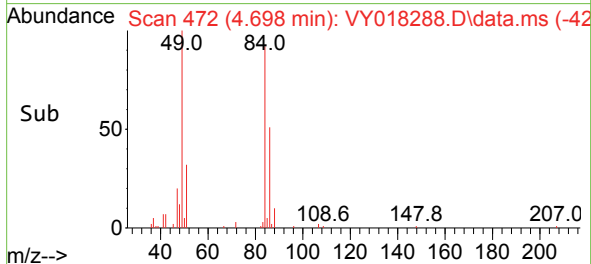
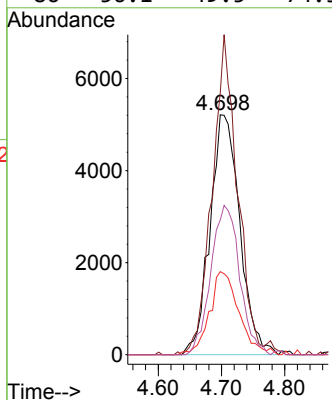
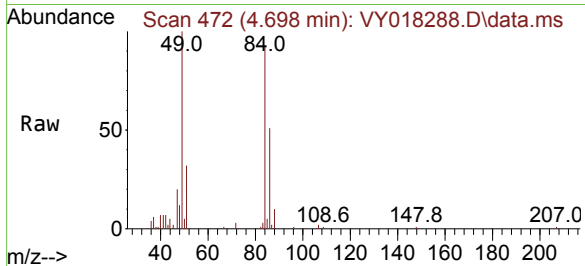




#20
Methylene Chloride
Concen: 12.103 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

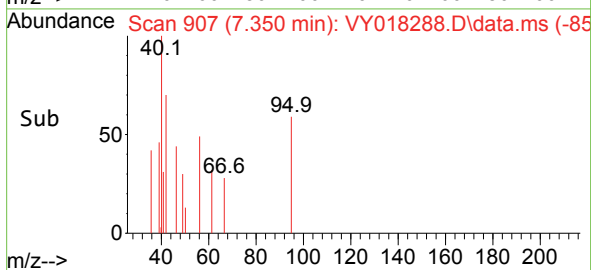
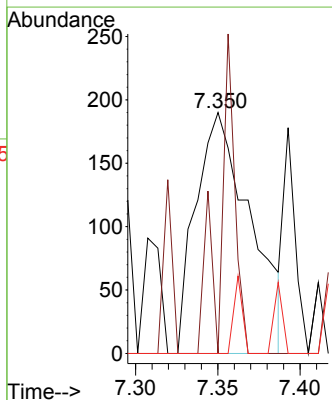
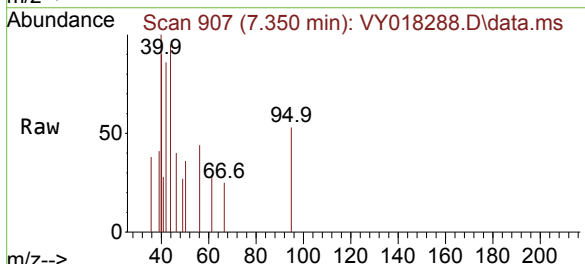
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

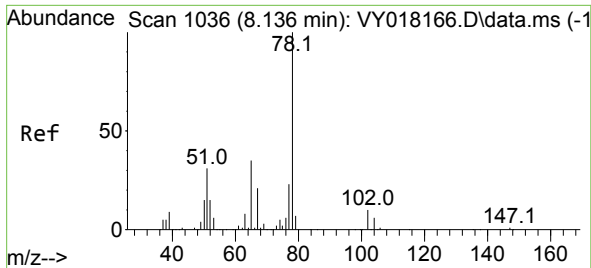
Tgt Ion:	84	Resp:	17031
Ion	Ratio	Lower	Upper
84	100		
49	108.1	84.4	126.6
51	34.6	26.0	39.0
86	56.1	49.5	74.3



#29
Tetrahydrofuran
Concen: 2.085 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion:	42	Resp:	438
Ion	Ratio	Lower	Upper
42	100		
72	37.9	43.0	64.4#
71	5.0	40.8	61.2#

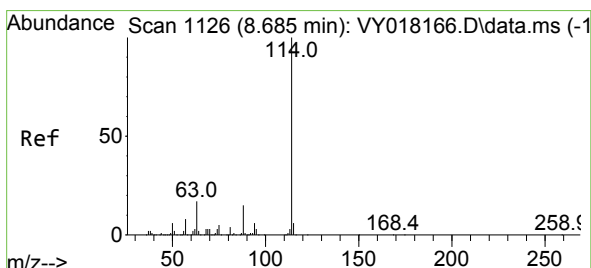
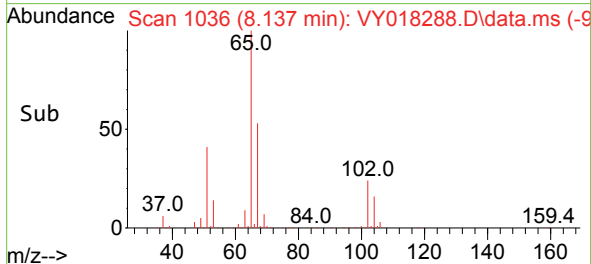
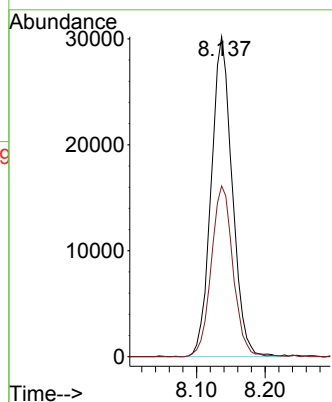
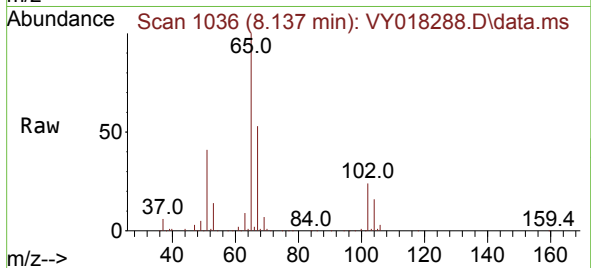




#33
1,2-Dichloroethane-d4
Concen: 64.456 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

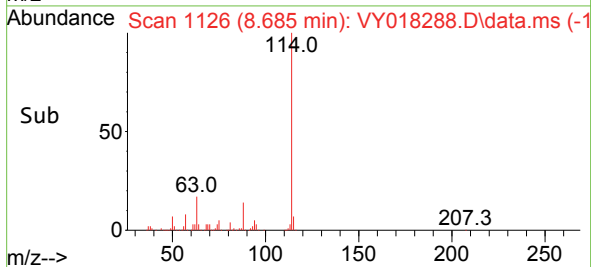
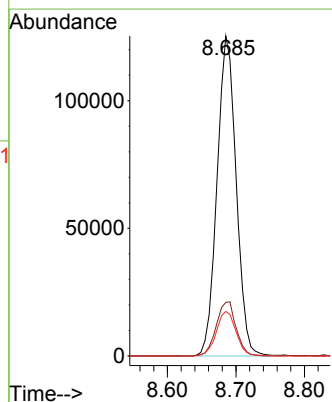
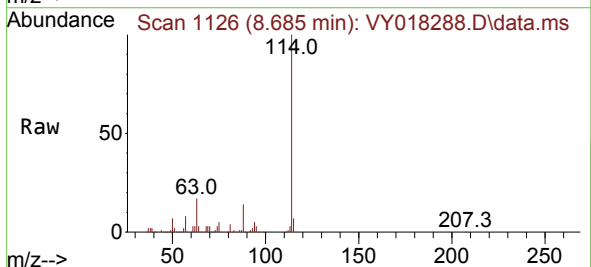
Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

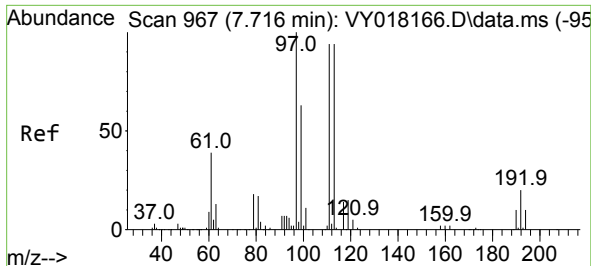
Tgt Ion: 65 Resp: 64304
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 114 Resp: 242639
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 13.9 0.0 27.2

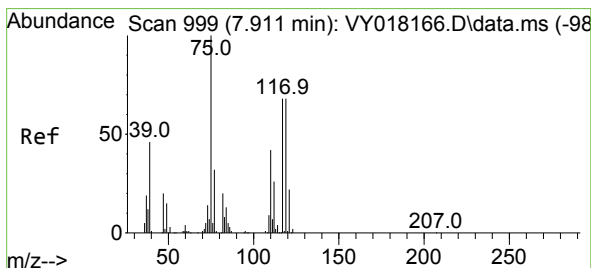
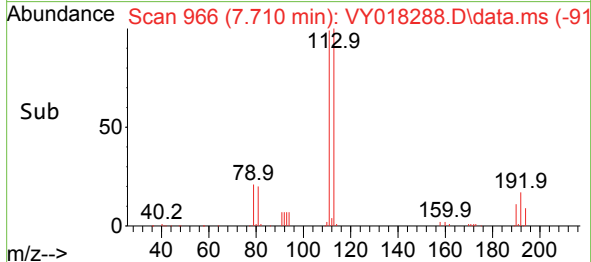
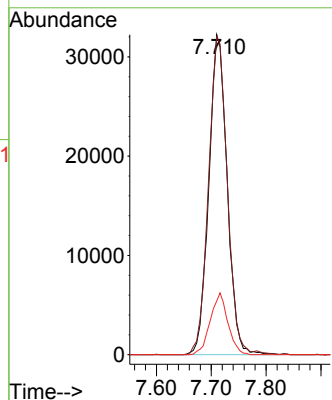
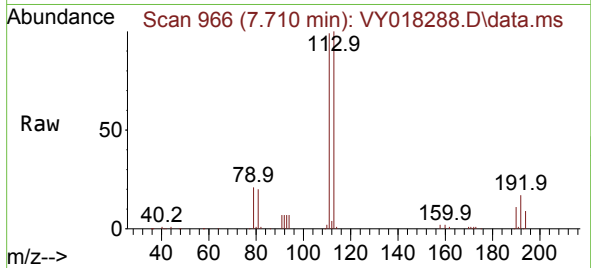




#35
Dibromofluoromethane
Concen: 58.673 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

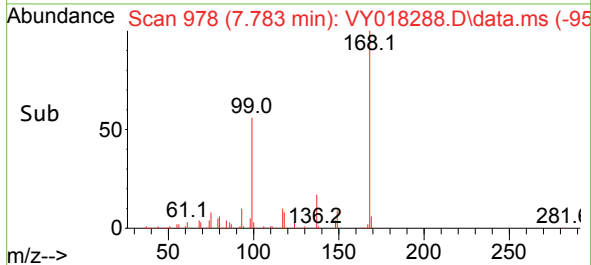
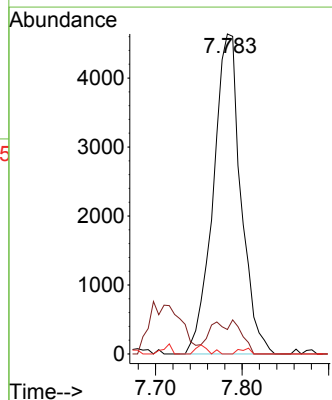
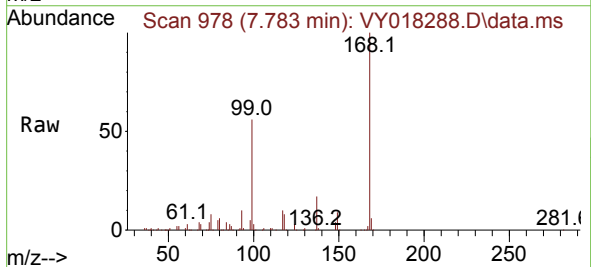
Instrument :
MSVOA_Y
ClientSampleId :
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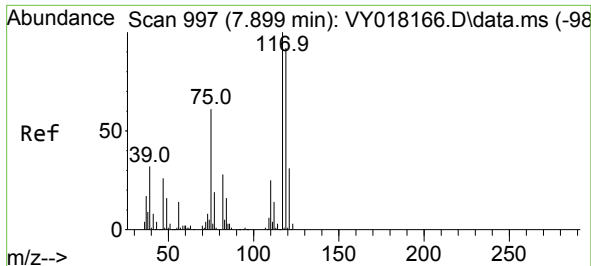
Tgt Ion:113 Resp: 74819
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.640 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 75 Resp: 10311
Ion Ratio Lower Upper
75 100
110 4.4 19.0 57.0#
77 0.0 25.3 37.9#

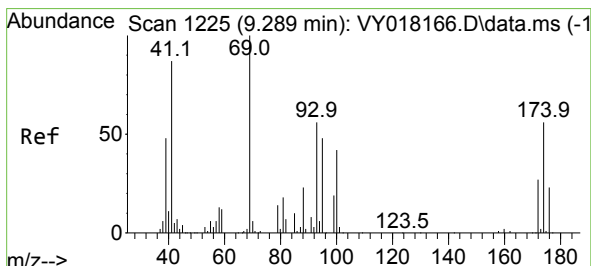
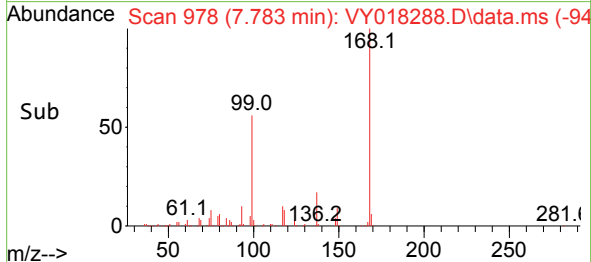
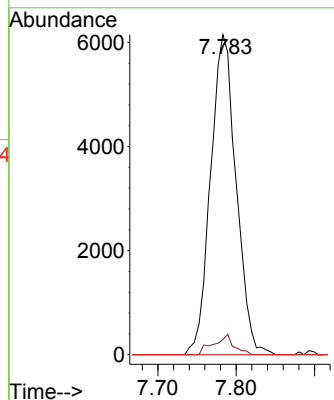
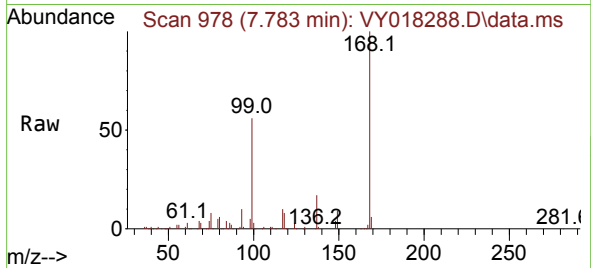




#38
Carbon Tetrachloride
Concen: 6.987 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

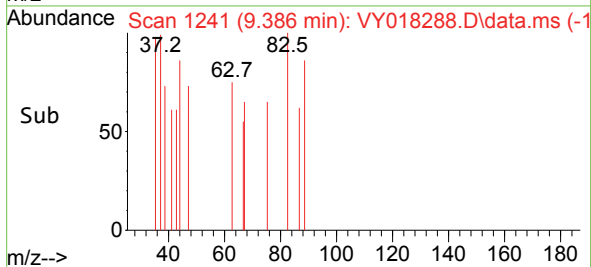
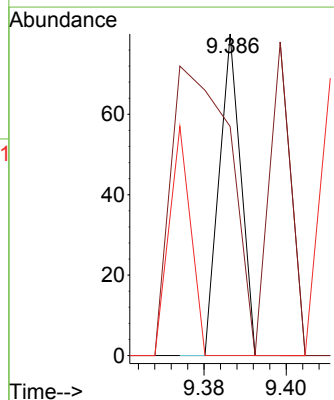
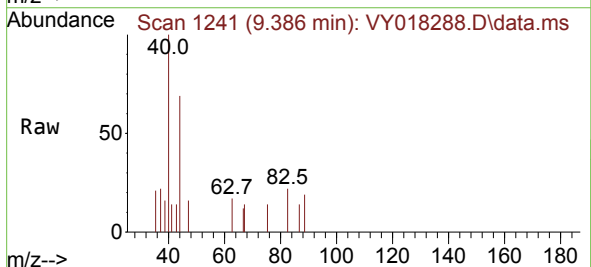
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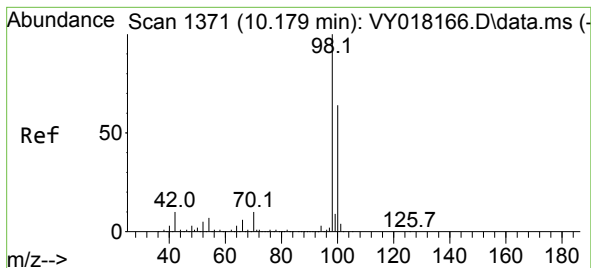
Tgt Ion:117 Resp: 13956
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.956 ug/l
RT: 9.386 min Scan# 1241
Delta R.T. 0.098 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 244.8 0.0 0.0#
58 72.4 49.3 73.9

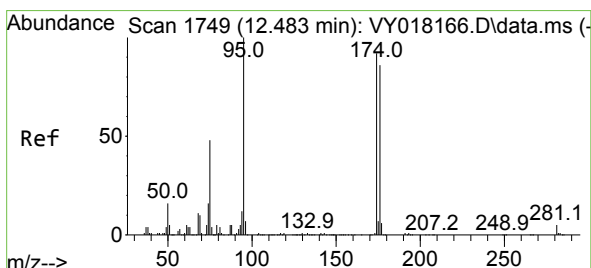
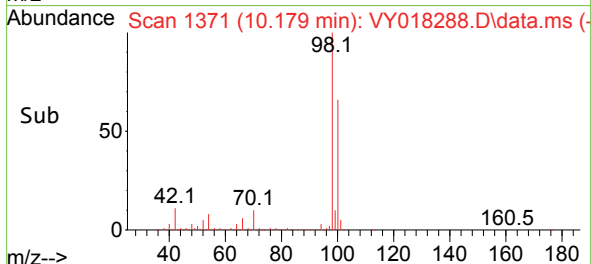
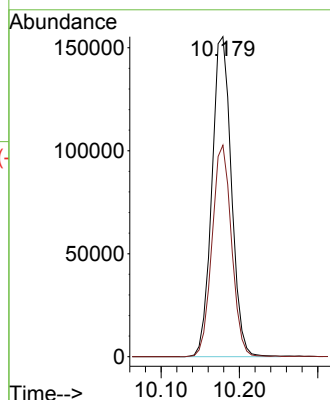
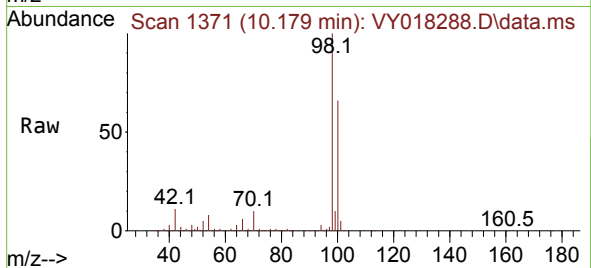




#50
Toluene-d8
Concen: 53.434 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

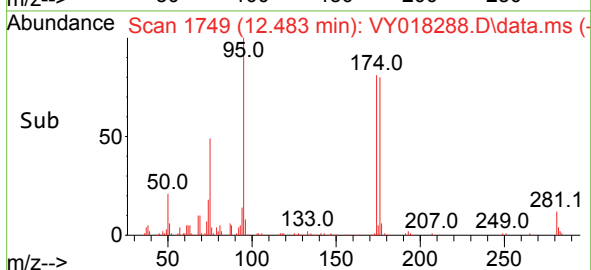
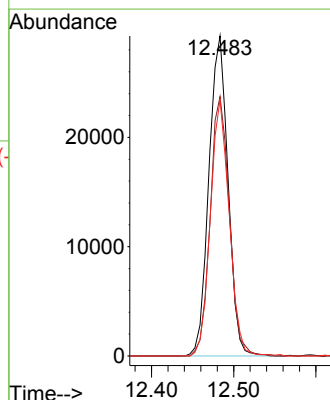
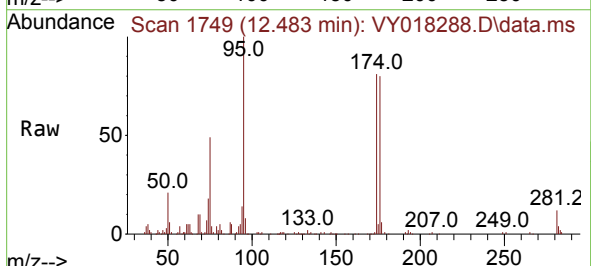
Instrument :
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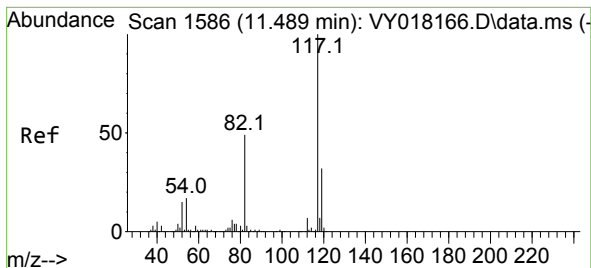
Tgt Ion: 98 Resp: 268505
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.217 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 95 Resp: 47413
Ion Ratio Lower Upper
95 100
174 80.8 0.0 175.6
176 78.6 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: VY018288.D

Acq: 16 May 2024 16:23

Instrument :

MSVOA_Y

ClientSampleId :

B-112-SB01

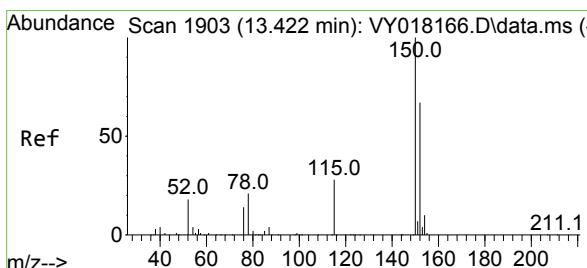
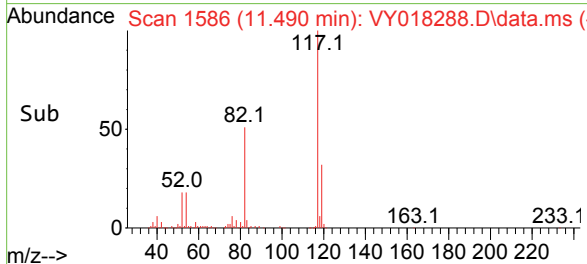
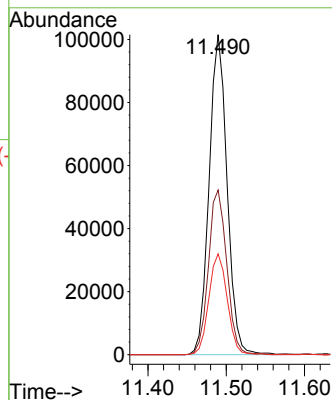
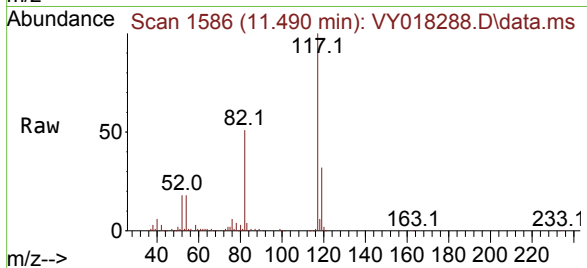
Tgt Ion:117 Resp: 161574

Ion Ratio Lower Upper

117 100

82 51.5 42.4 63.6

119 31.5 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: VY018288.D

Acq: 16 May 2024 16:23

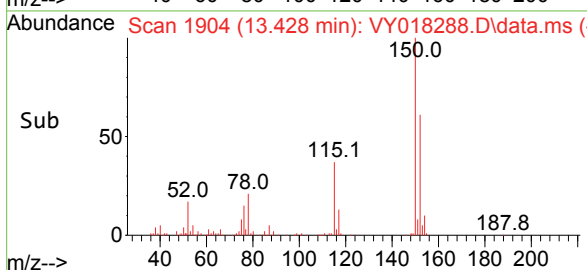
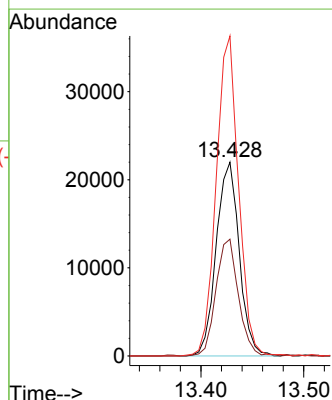
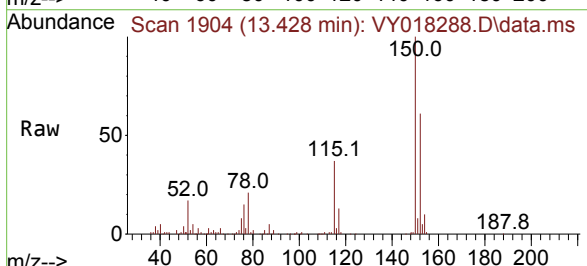
Tgt Ion:152 Resp: 34229

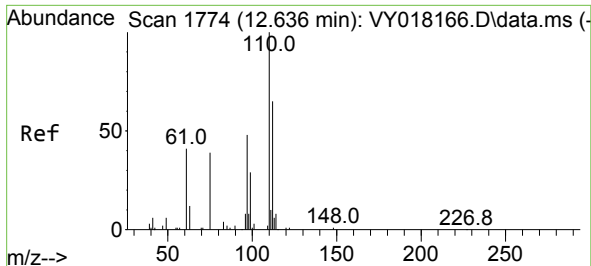
Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 159.8 0.0 345.6

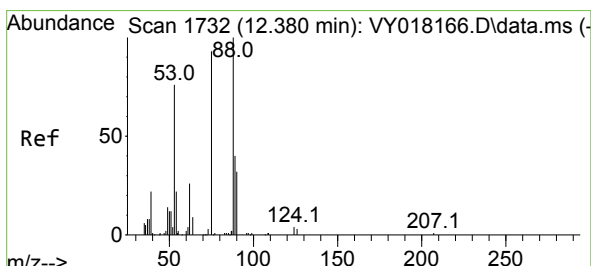
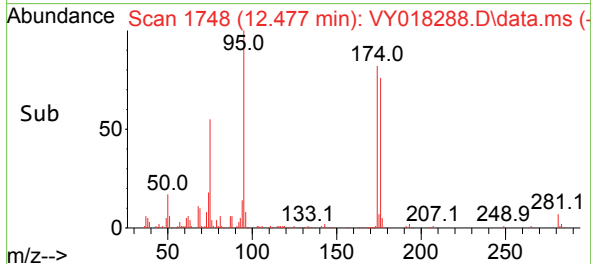
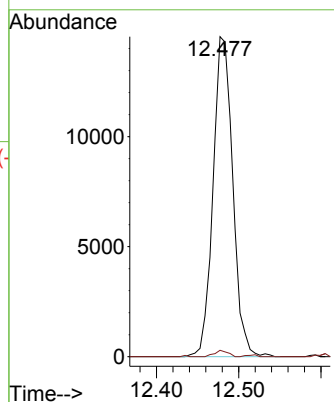
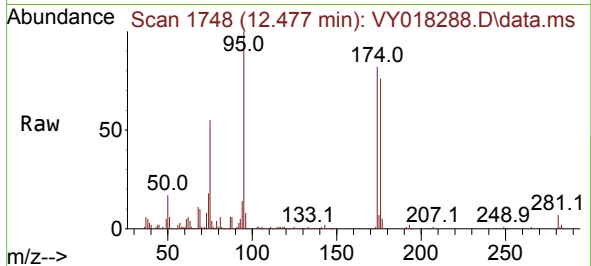




#76
1,2,3-Trichloropropane
Concen: 88.451 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Instrument :
MSVOA_Y
ClientSampleId :
B-112-SB01

Tgt Ion: 75 Resp: 24234
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.416 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018288.D
Acq: 16 May 2024 16:23

Tgt Ion: 75 Resp: 24234
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

