

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018260.D
 Acq On : 14 May 2024 15:58
 Operator : SY/MD
 Sample : P2474-02
 Misc : 3.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-114-SB01

Quant Time: May 15 04:16:22 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)

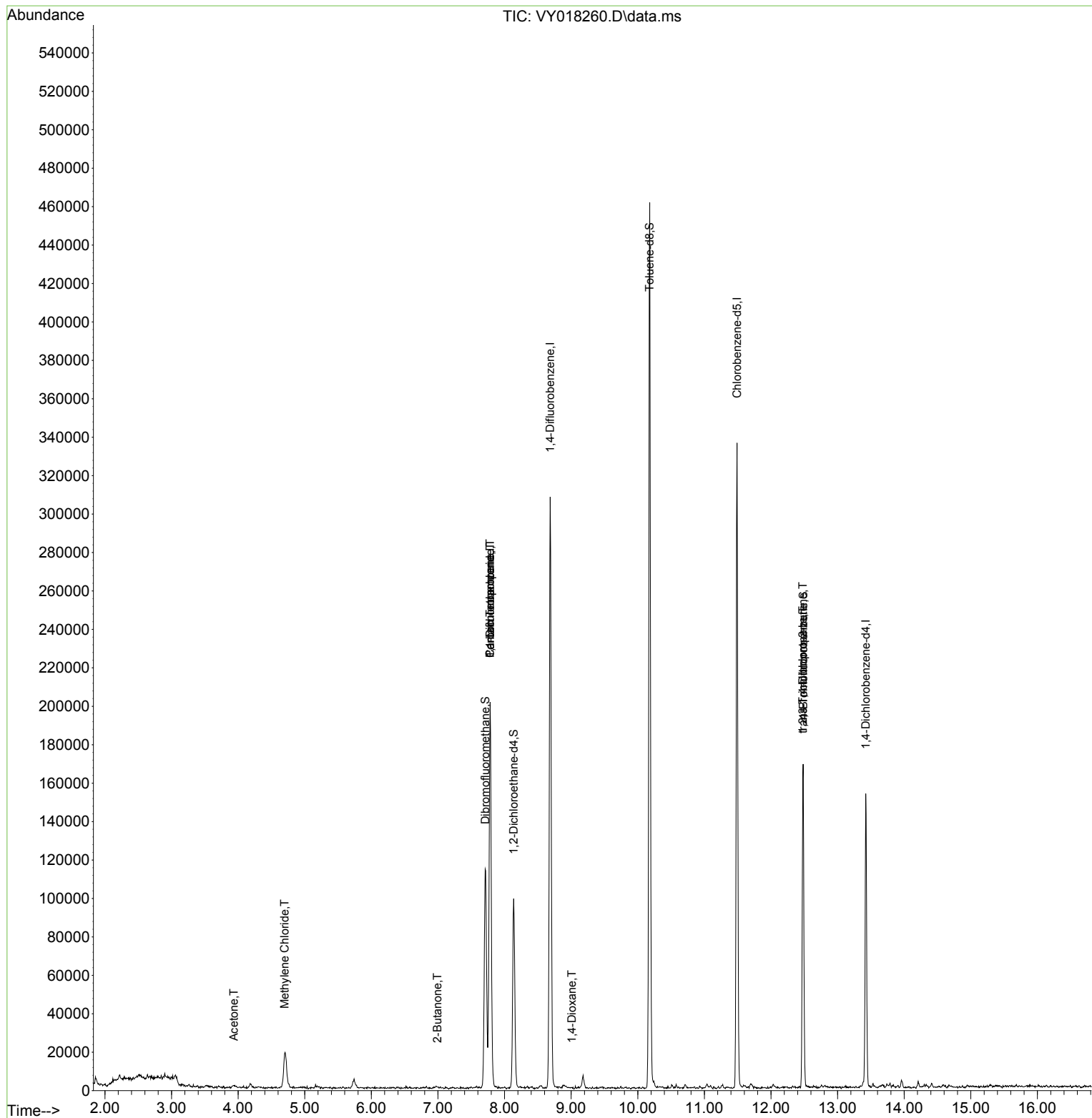
Internal Standards						
1) Pentafluorobenzene	7.783	168	152989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	72729	64.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.240%	
35) Dibromofluoromethane	7.710	113	83535	57.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.680%	
50) Toluene-d8	10.179	98	303696	53.360	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	12.483	95	54847	29.841	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 59.680%	
Target Compounds						
11) Tert butyl alcohol	4.942	59	608	Below Cal	#	84
13) Acrolein	3.717	56	79	Below Cal	#	15
16) Acetone	3.936	43	2044	9.100	ug/l	90
20) Methylene Chloride	4.698	84	14230	8.964	ug/l #	92
25) 2-Butanone	6.990	43	581	1.618	ug/l #	41
31) Cyclohexane	7.789	56	3945	Below Cal	#	34
36) 1,1-Dichloropropene	7.783	75	12134	5.860	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14748	6.519	ug/l #	16
49) 1,4-Dioxane	9.008	88	21	1.890	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	27671	89.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27671	171.653	ug/l #	16

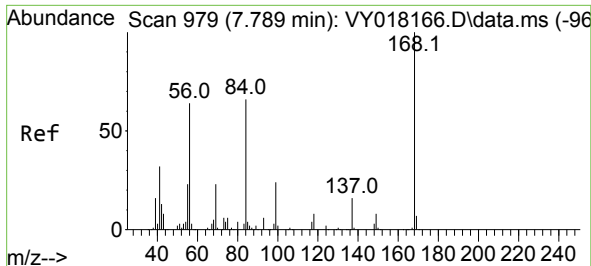
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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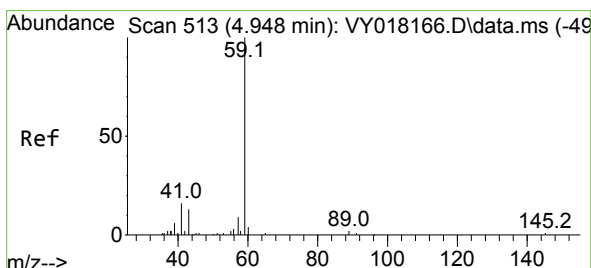
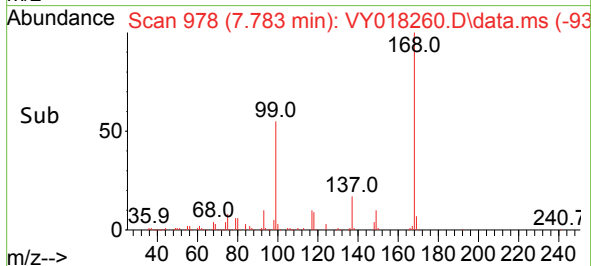
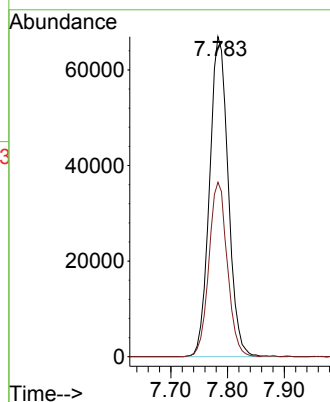
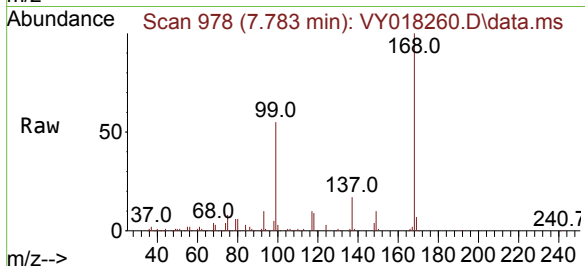




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

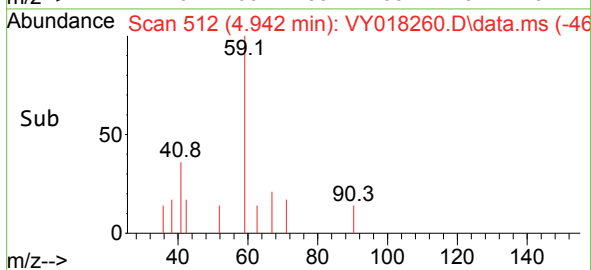
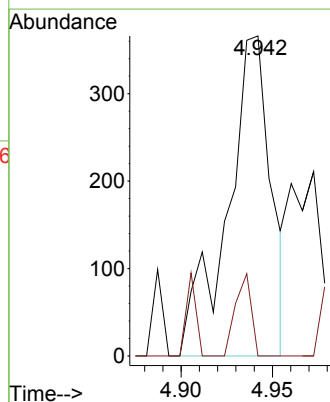
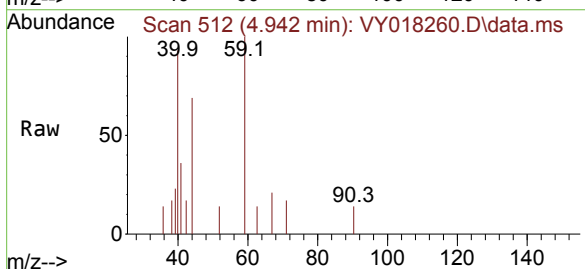
Instrument :
MSVOA_Y
ClientSampleId :
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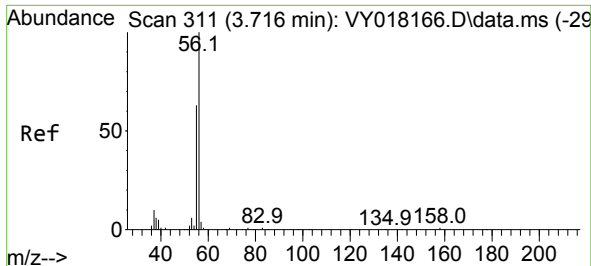
Tgt Ion:168 Resp: 152989
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.6#

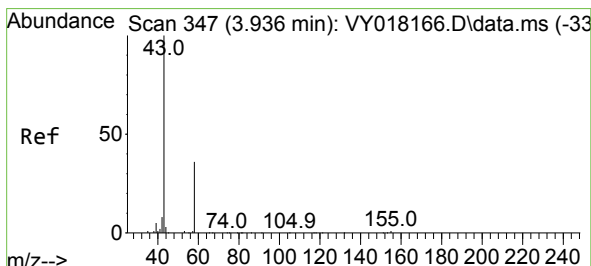
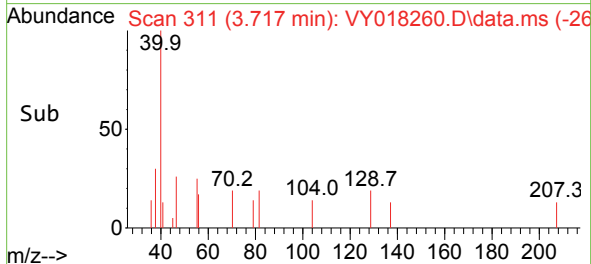
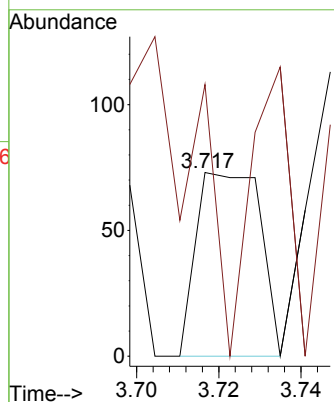
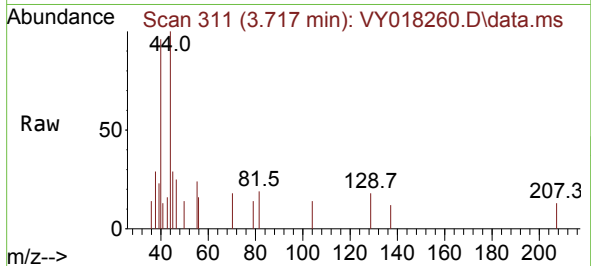




#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

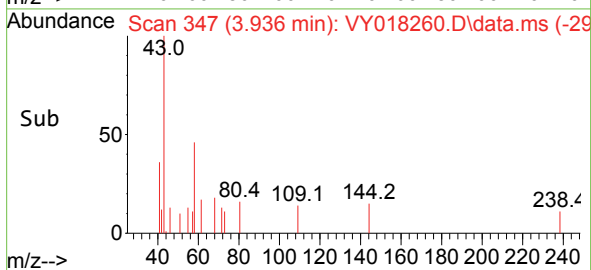
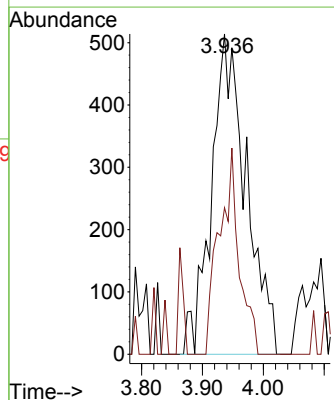
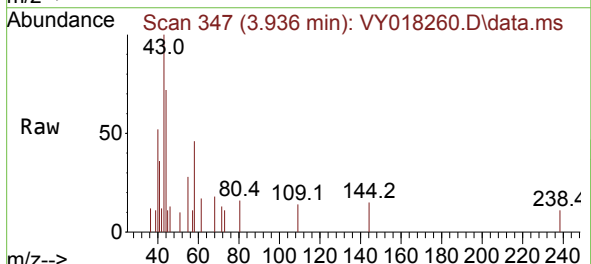
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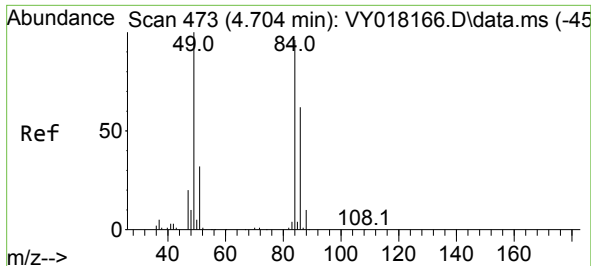
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 9.100 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 45.7 31.7 47.5

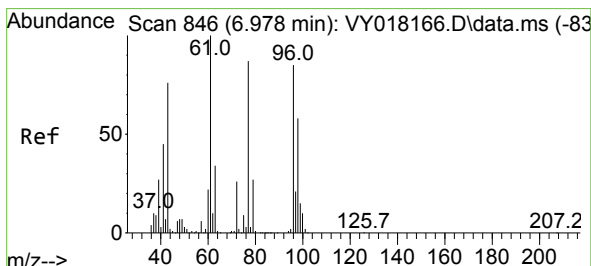
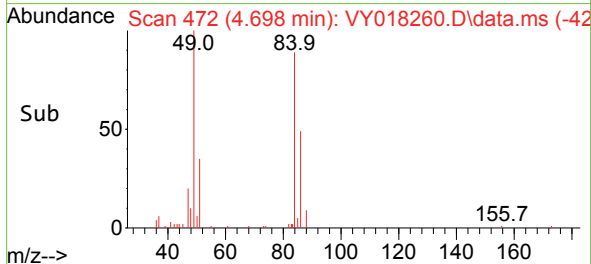
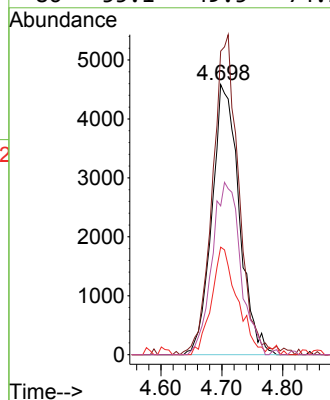
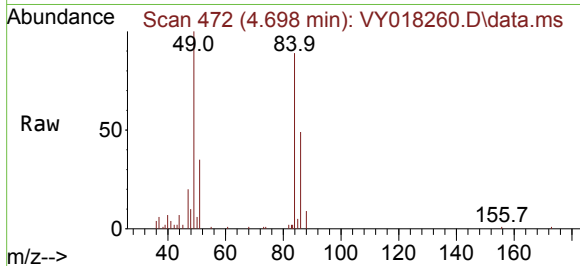




#20
Methylene Chloride
Concen: 8.964 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

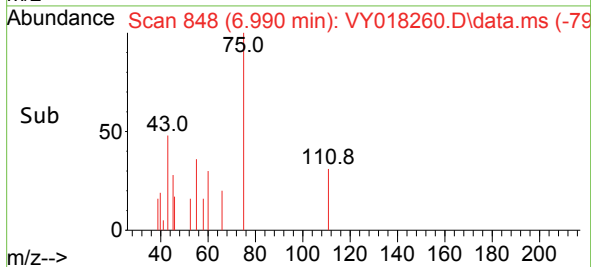
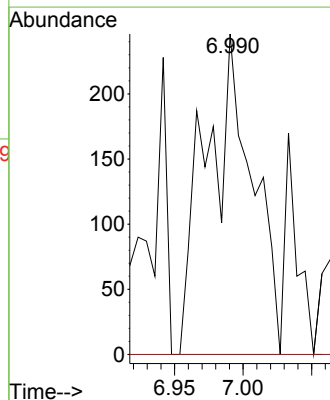
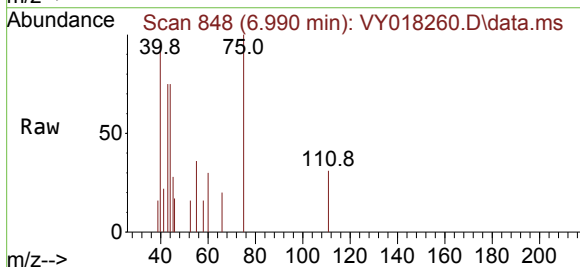
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB01

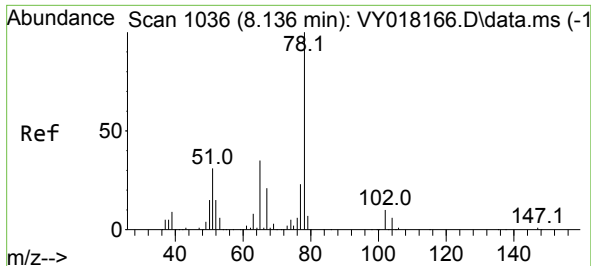
Tgt Ion:	84	Resp:	14230
Ion	Ratio	Lower	Upper
84	100		
49	112.4	84.4	126.6
51	39.8	26.0	39.0#
86	55.1	49.5	74.3



#25
2-Butanone
Concen: 1.618 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

Tgt Ion:	43	Resp:	581
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

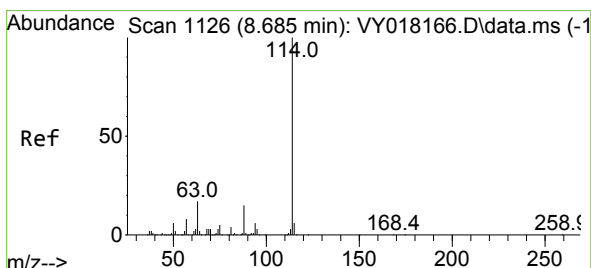
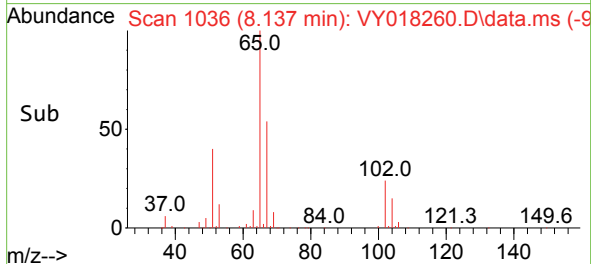
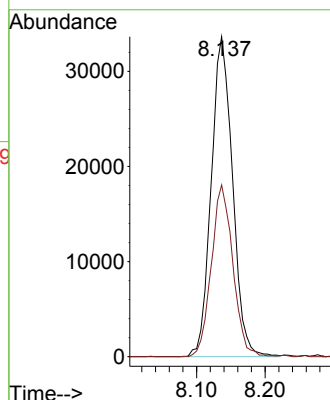
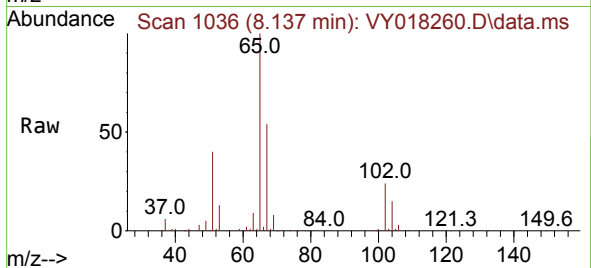




#33
 1,2-Dichloroethane-d4
 Concen: 64.620 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018260.D
 Acq: 14 May 2024 15:58

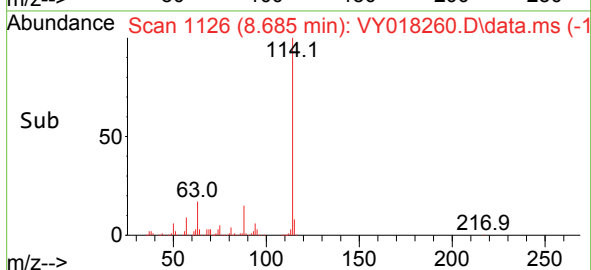
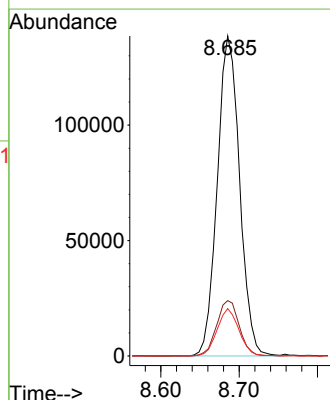
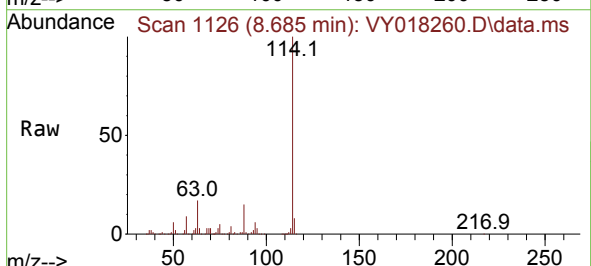
Instrument :
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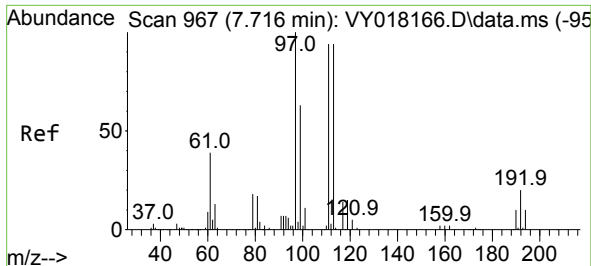
Tgt Ion: 65 Resp: 72729
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018260.D
 Acq: 14 May 2024 15:58

Tgt Ion: 114 Resp: 274817
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.0
 88 14.8 0.0 27.2

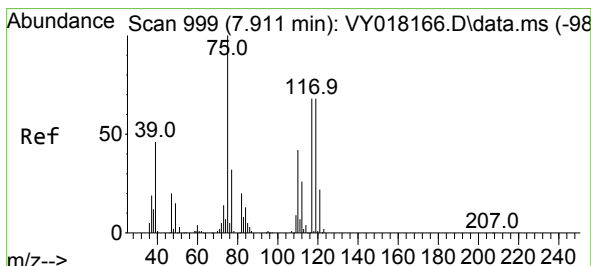
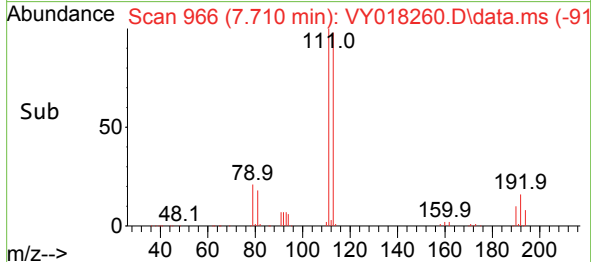
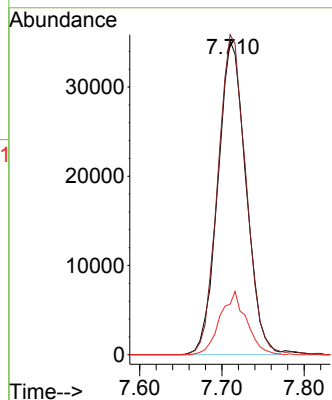
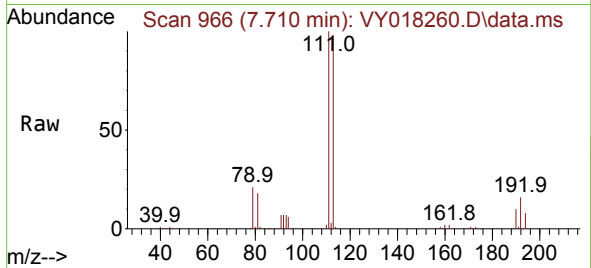




#35
Dibromofluoromethane
Concen: 57.838 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

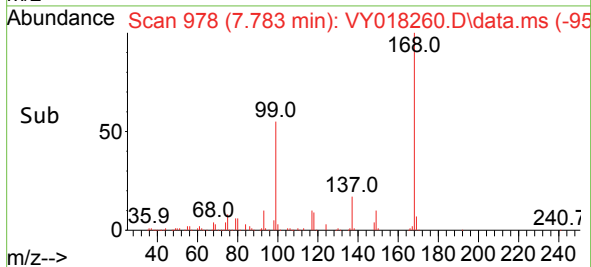
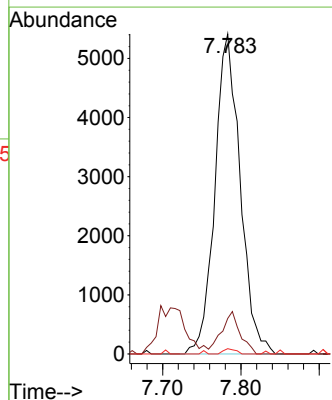
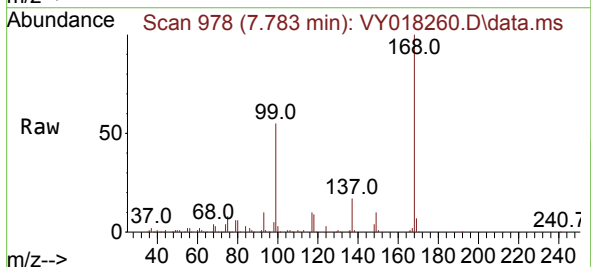
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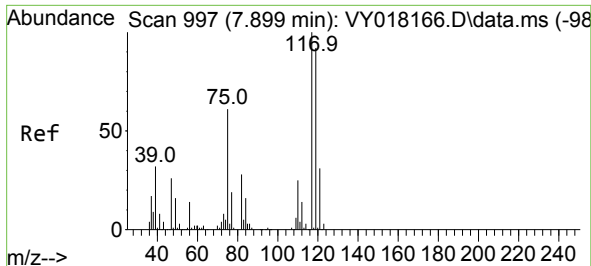
Tgt Ion:113 Resp: 83535
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.860 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

Tgt Ion: 75 Resp: 12134
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.8 25.3 37.9#

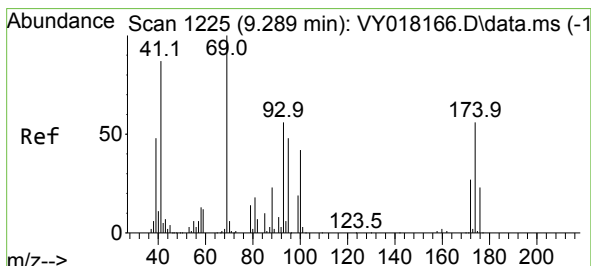
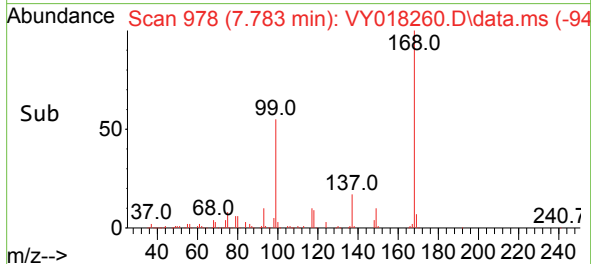
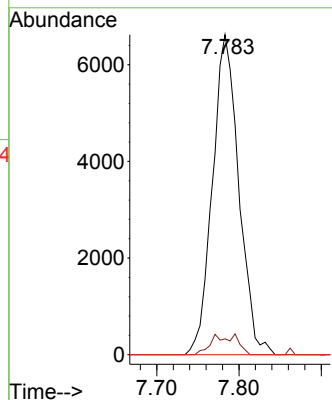
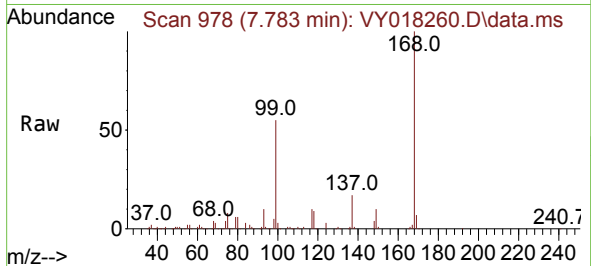




#38
Carbon Tetrachloride
Concen: 6.519 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

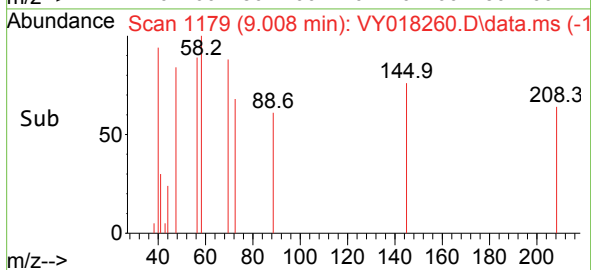
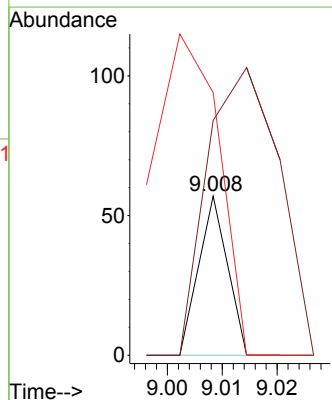
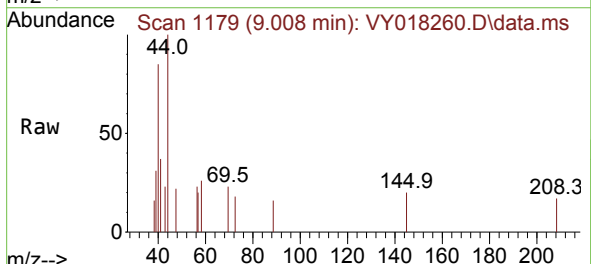
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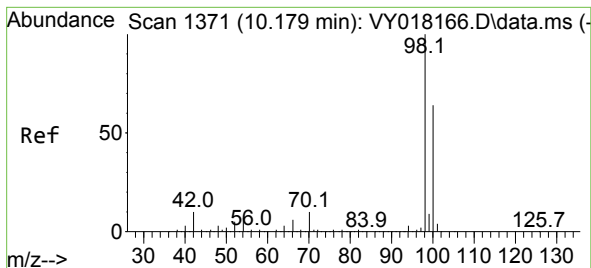
Tgt Ion:117 Resp: 14748
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.890 ug/l
RT: 9.008 min Scan# 1179
Delta R.T. -0.280 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 447.6 0.0 0.0#
58 0.0 49.3 73.9#

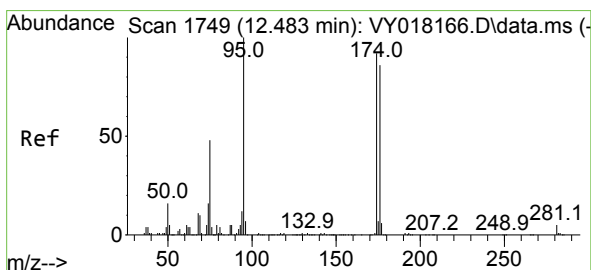
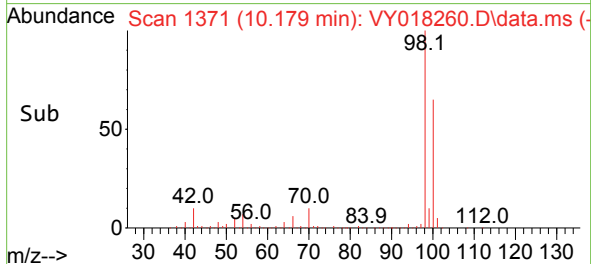
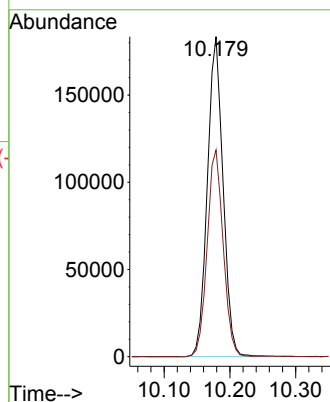
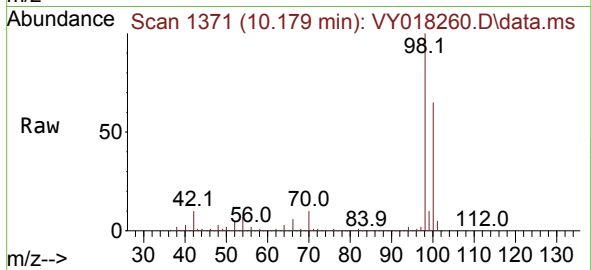




#50
Toluene-d8
Concen: 53.360 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

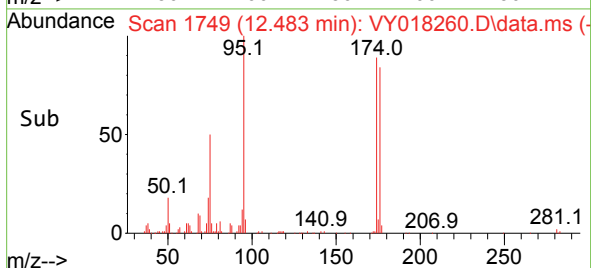
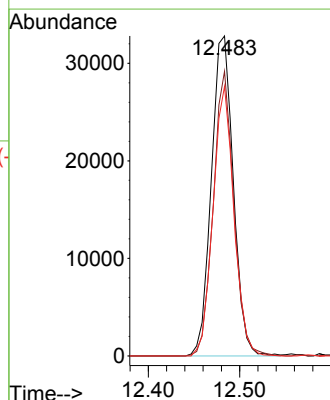
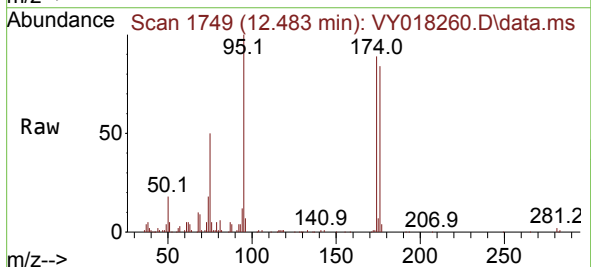
Instrument :
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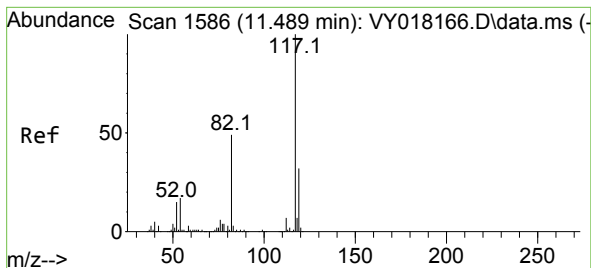
Tgt Ion: 98 Resp: 303696
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.841 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018260.D
Acq: 14 May 2024 15:58

Tgt Ion: 95 Resp: 54847
Ion Ratio Lower Upper
95 100
174 83.2 0.0 175.6
176 80.0 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: VY018260.D

Acq: 14 May 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

B-114-SB01

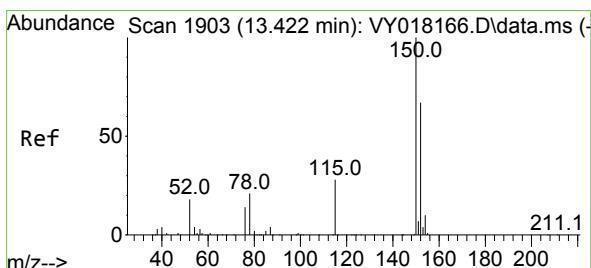
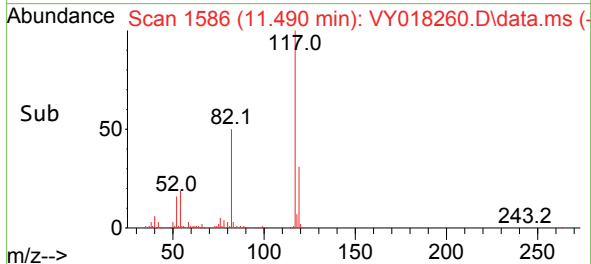
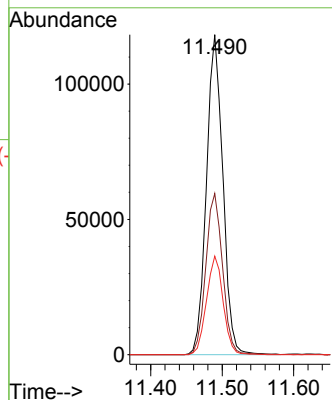
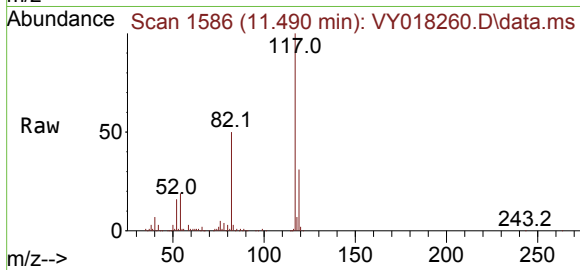
Tgt Ion:117 Resp: 188645

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 30.8 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: VY018260.D

Acq: 14 May 2024 15:58

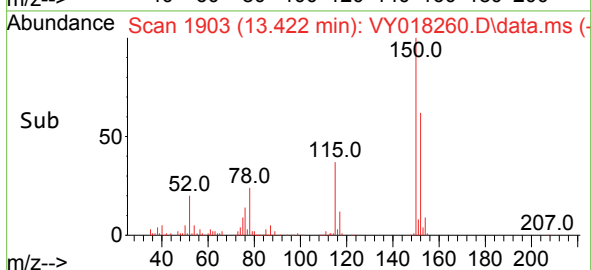
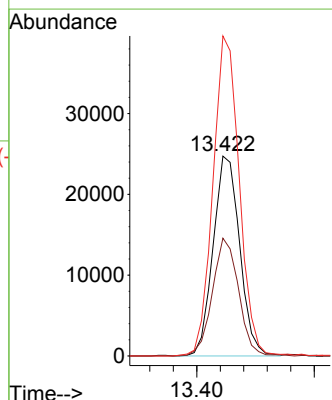
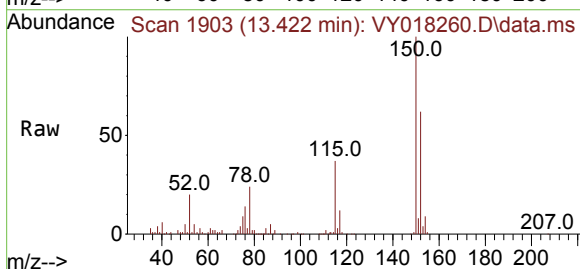
Tgt Ion:152 Resp: 38802

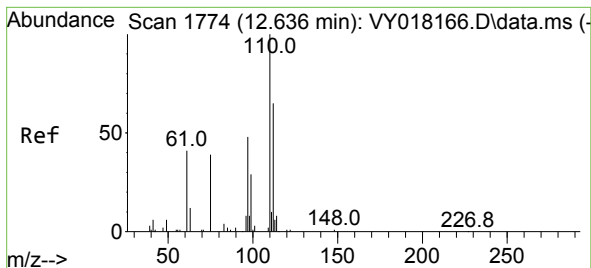
Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 158.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 89.093 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018260.D

Acq: 14 May 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

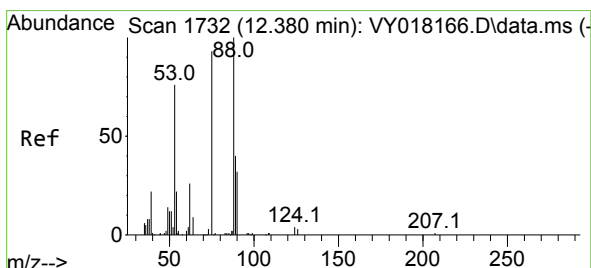
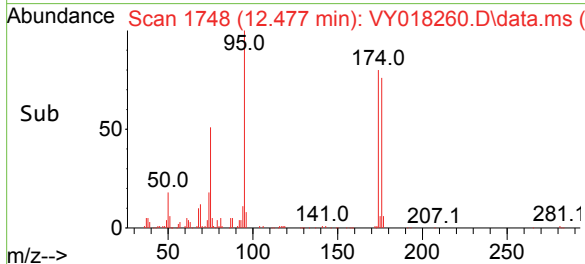
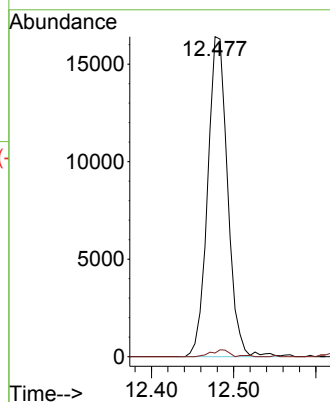
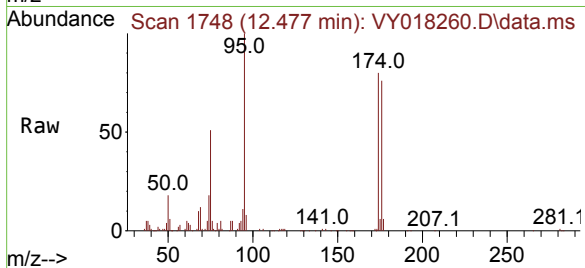
B-114-SB01

Tgt Ion: 75 Resp: 27671

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 171.653 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY018260.D

Acq: 14 May 2024 15:58

Tgt Ion: 75 Resp: 27671

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#

