

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018207.D
 Acq On : 09 May 2024 13:20
 Operator : SY/MD
 Sample : P2423-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:17:01 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)

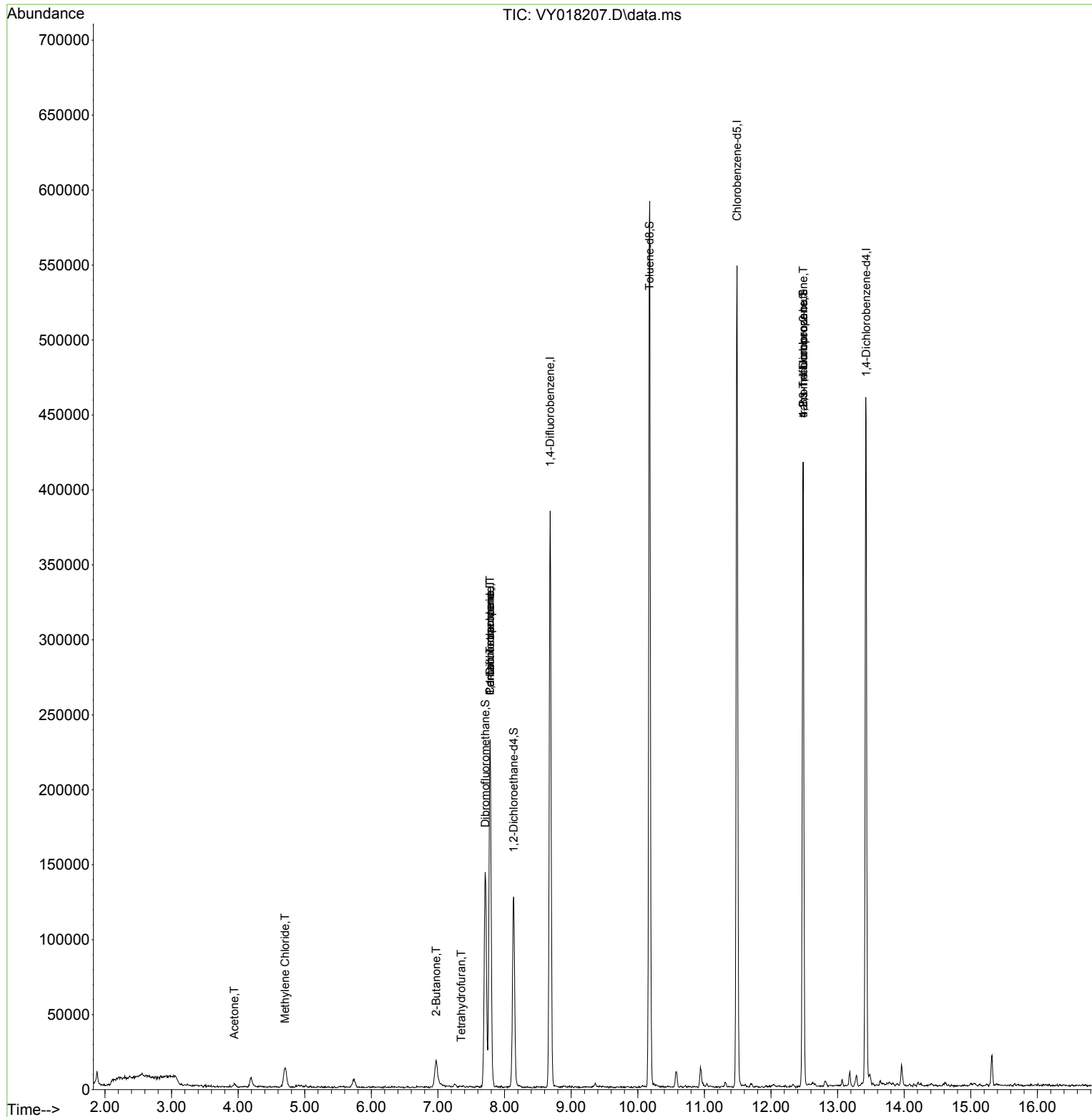
Internal Standards						
1) Pentafluorobenzene	7.783	168	185681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	350793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91109	66.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.400%	
35) Dibromofluoromethane	7.710	113	105489	57.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.440%	
50) Toluene-d8	10.179	98	395569	54.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.900%	
62) 4-Bromofluorobenzene	12.483	95	124007	52.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	743	Below Cal	#	82
13) Acrolein	3.717	56	186	Below Cal	#	46
16) Acetone	3.942	43	2313	8.485	ug/l #	85
20) Methylene Chloride	4.704	84	11178	5.801	ug/l	99
25) 2-Butanone	6.972	43	1478	3.392	ug/l #	86
29) Tetrahydrofuran	7.350	42	331	1.151	ug/l #	52
31) Cyclohexane	7.783	56	4003	Below Cal	#	40
36) 1,1-Dichloropropene	7.783	75	13003	4.920	ug/l #	51
38) Carbon Tetrachloride	7.783	117	18009	6.236	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	62338	63.695	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62338	122.719	ug/l #	16

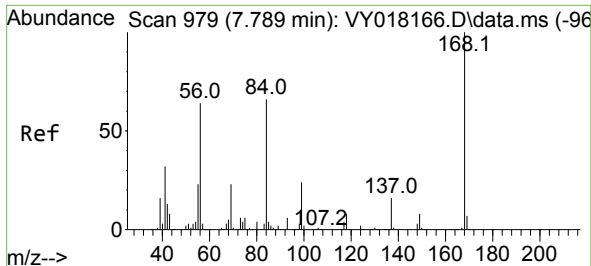
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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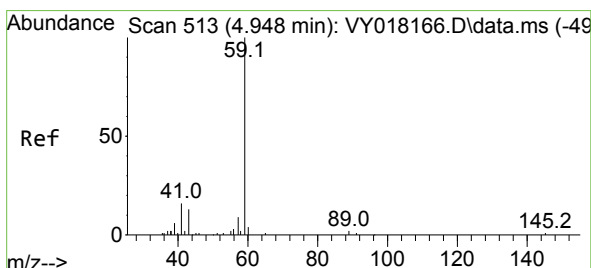
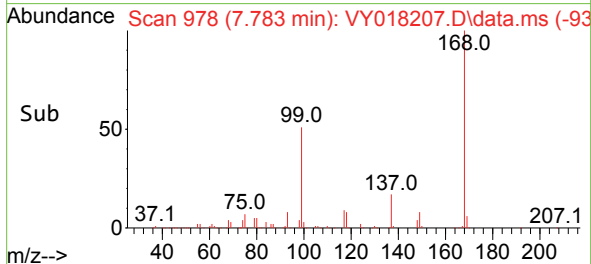
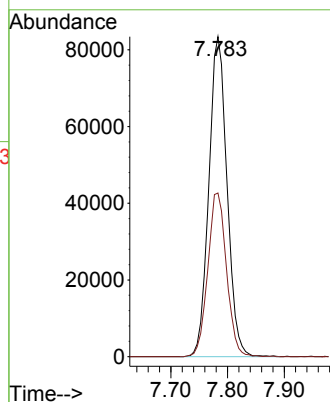
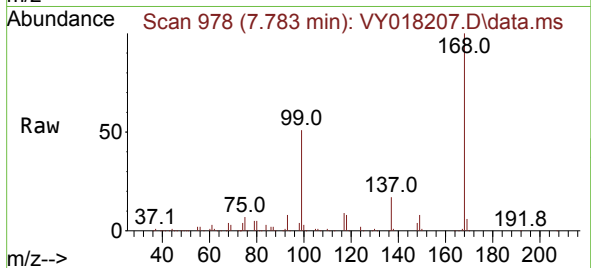




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20

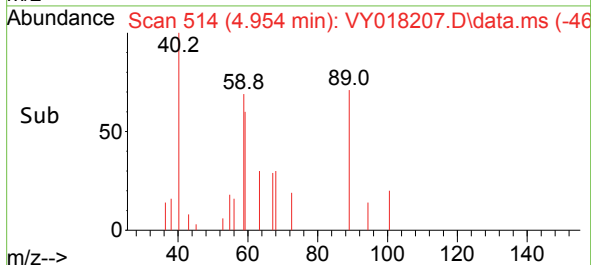
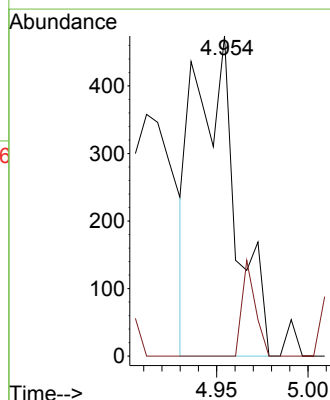
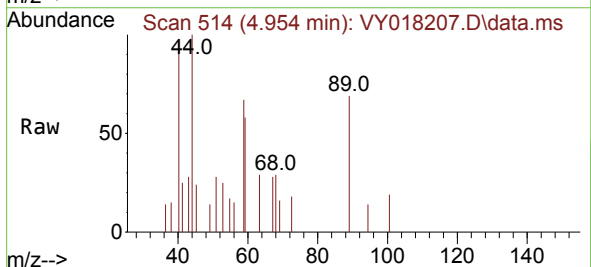
Instrument :
MSVOA_Y
ClientSampleId :

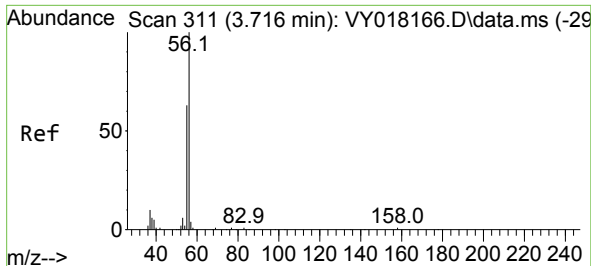
Tgt Ion:168 Resp: 185681
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20

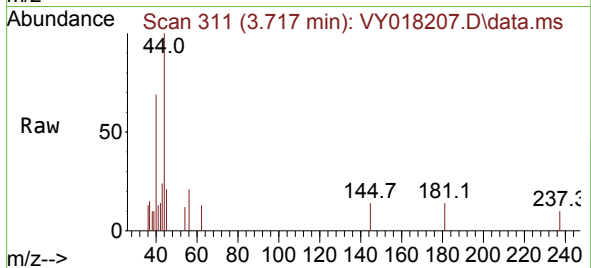
Tgt Ion: 59 Resp: 743
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



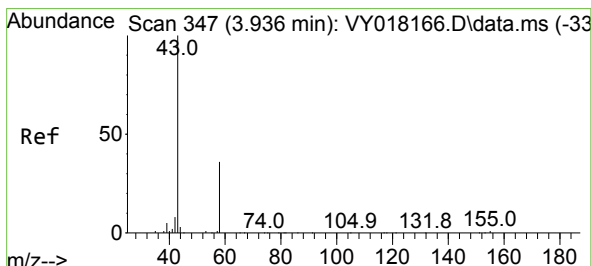
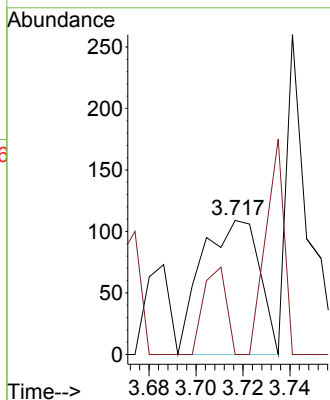
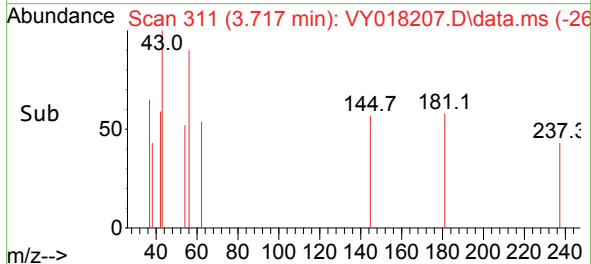


#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20

Instrument :
MSVOA_Y
ClientSampleId :

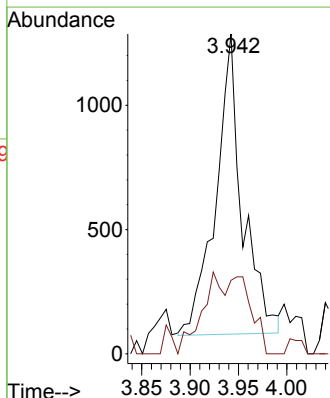
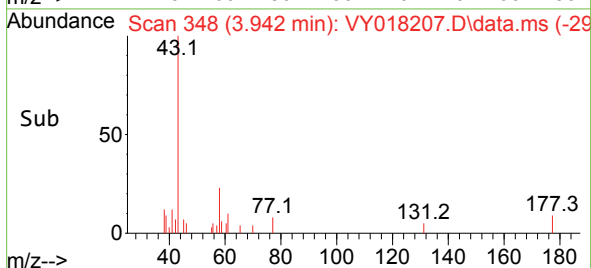
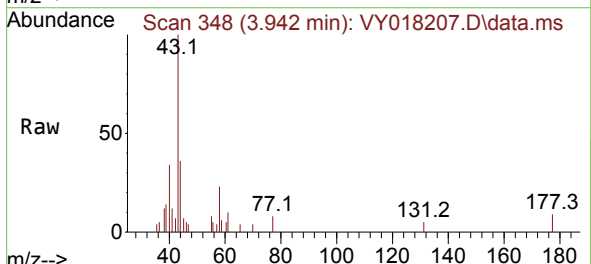


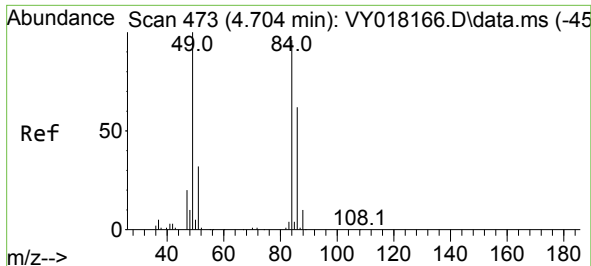
Tgt Ion: 56 Resp: 186
Ion Ratio Lower Upper
56 100
55 25.8 55.7 83.5#



#16
Acetone
Concen: 8.485 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20

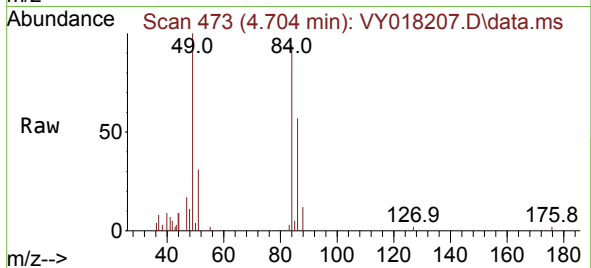
Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#



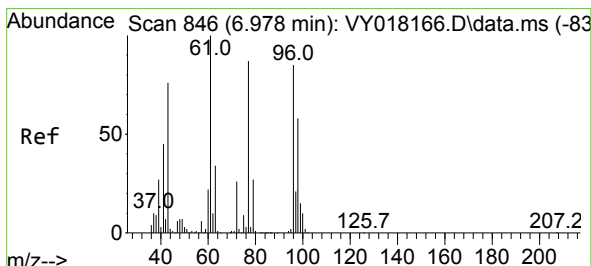
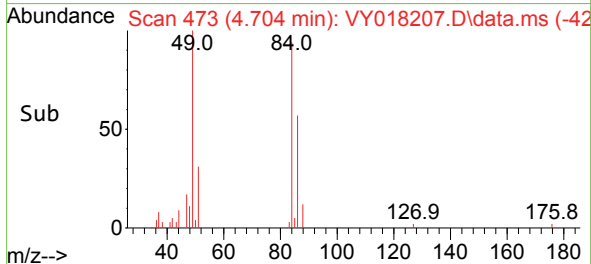
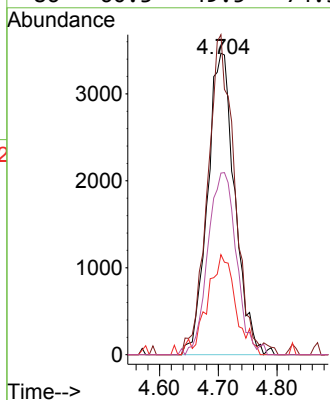


#20
Methylene Chloride
Concen: 5.801 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20

Instrument :
MSVOA_Y
ClientSampleId :

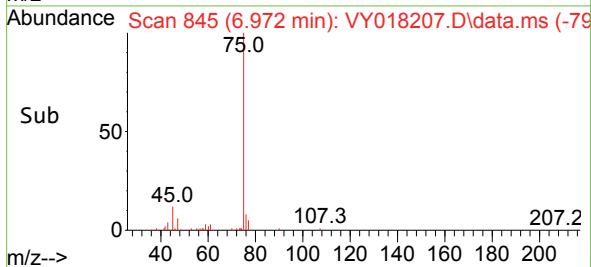
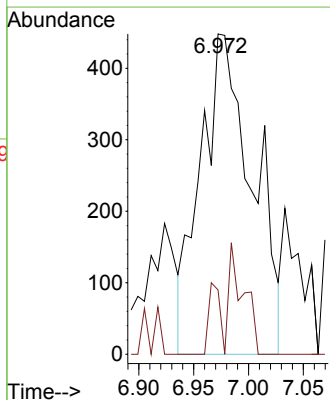
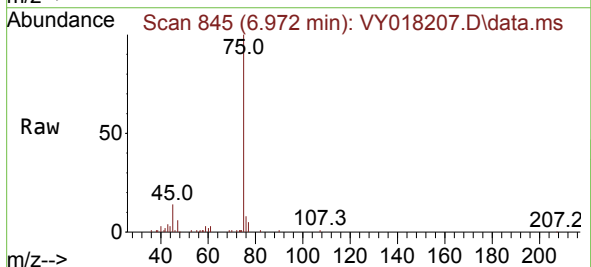


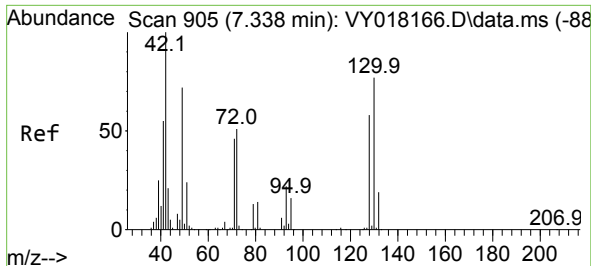
Tgt Ion:	84	Resp:	11178
Ion	Ratio	Lower	Upper
84	100		
49	106.1	84.4	126.6
51	33.2	26.0	39.0
86	60.3	49.5	74.3



#25
2-Butanone
Concen: 3.392 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20

Tgt Ion:	43	Resp:	1478
Ion	Ratio	Lower	Upper
43	100		
72	25.9	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.151 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

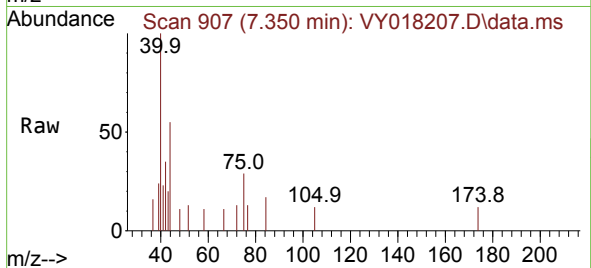
Lab File: VY018207.D

Acq: 09 May 2024 13:20

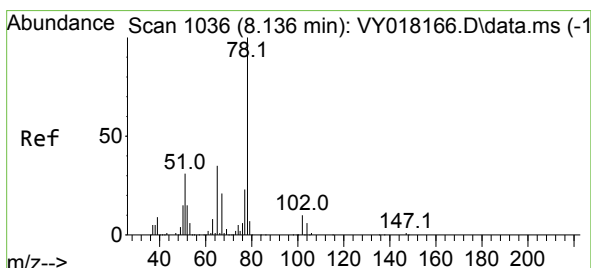
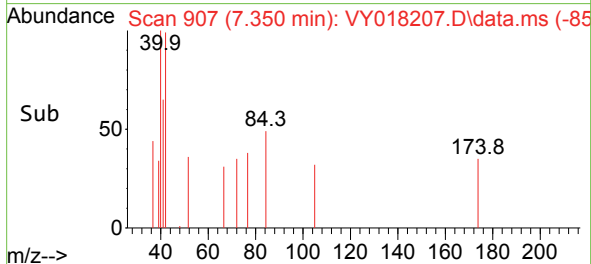
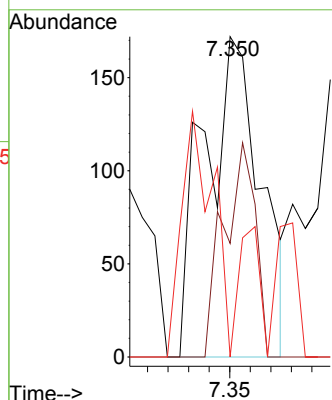
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	331
Ion	Ratio	Lower	Upper
42	100		
72	37.2	43.0	64.4#
71	0.0	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 66.698 ug/l

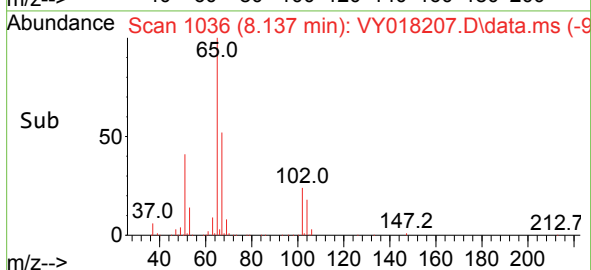
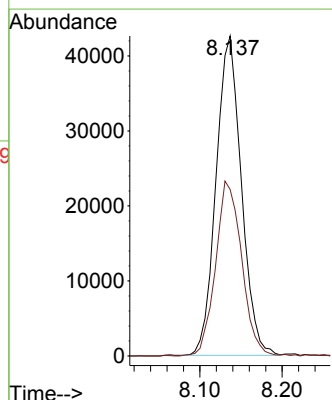
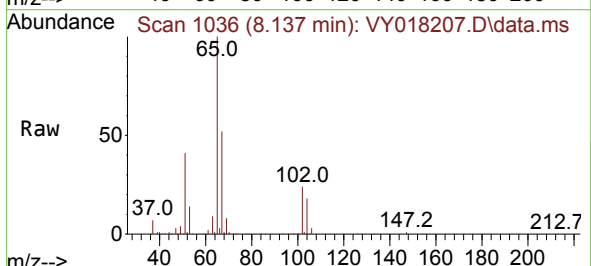
RT: 8.137 min Scan# 1036

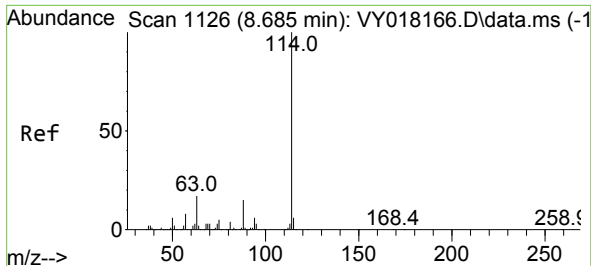
Delta R.T. 0.000 min

Lab File: VY018207.D

Acq: 09 May 2024 13:20

Tgt Ion:	65	Resp:	91109
Ion	Ratio	Lower	Upper
65	100		
67	56.4	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: VY018207.D

Acq: 09 May 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

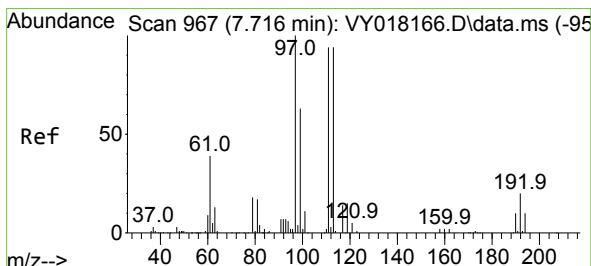
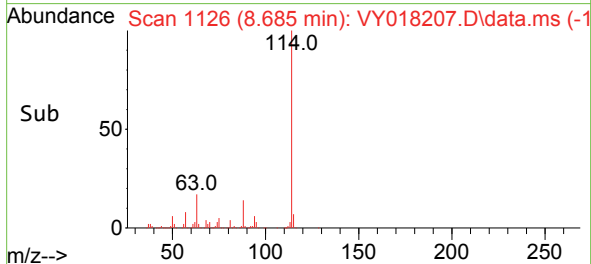
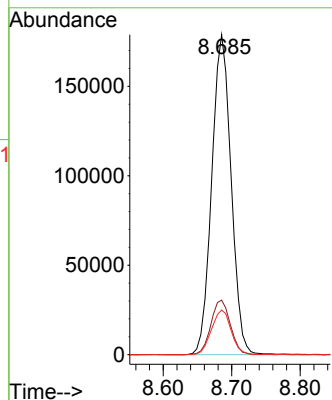
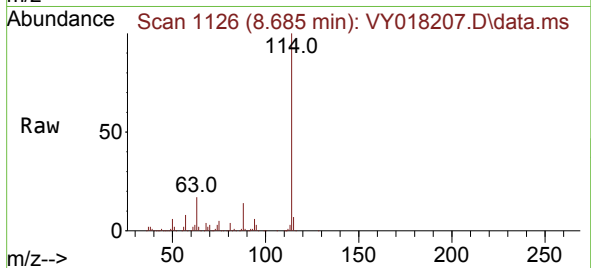
Tgt Ion:114 Resp: 350793

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.220 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018207.D

Acq: 09 May 2024 13:20

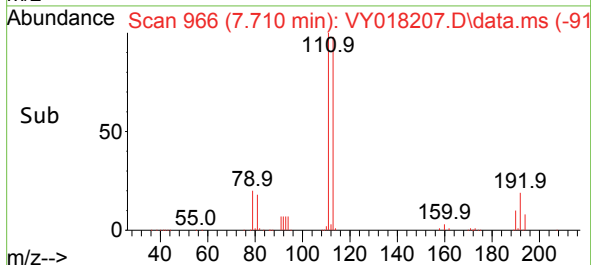
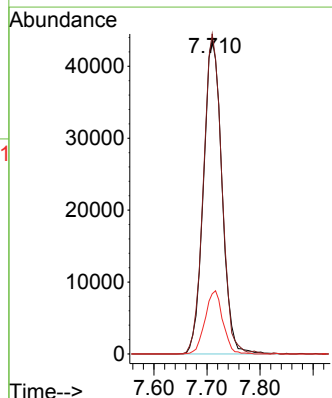
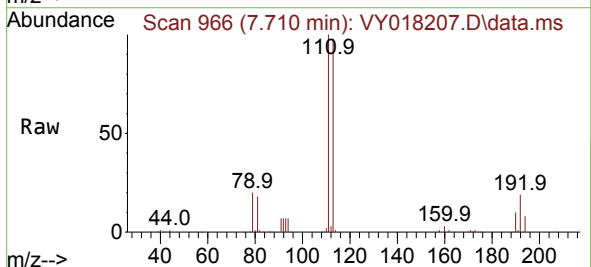
Tgt Ion:113 Resp: 105489

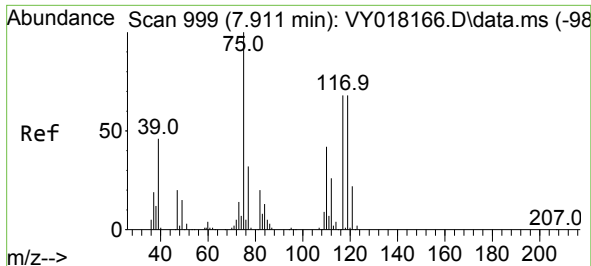
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

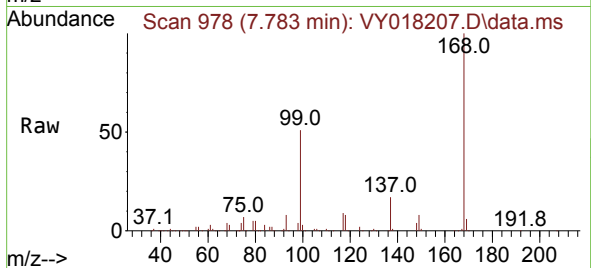
192 19.4 15.9 23.9



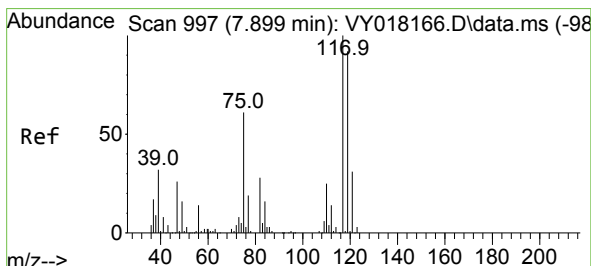
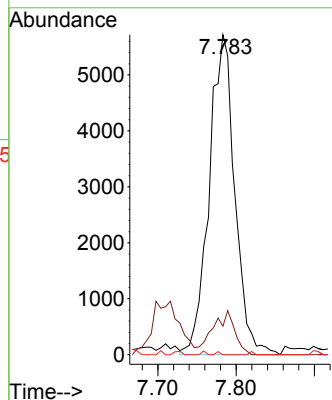
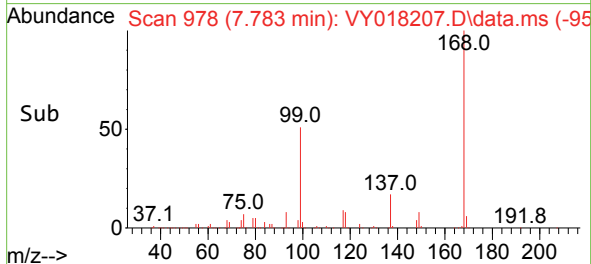


#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20

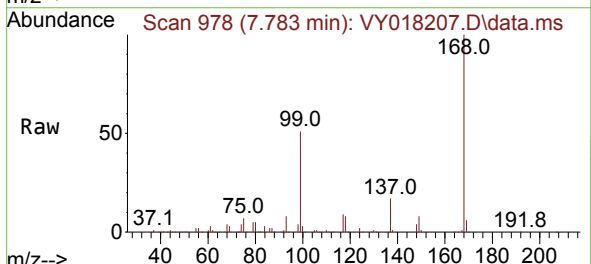
Instrument :
MSVOA_Y
ClientSampleId :



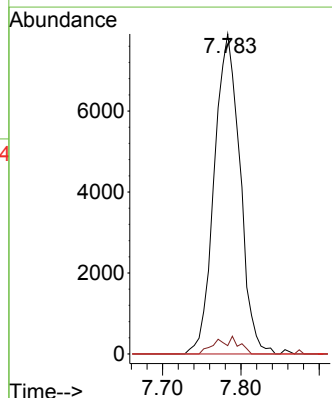
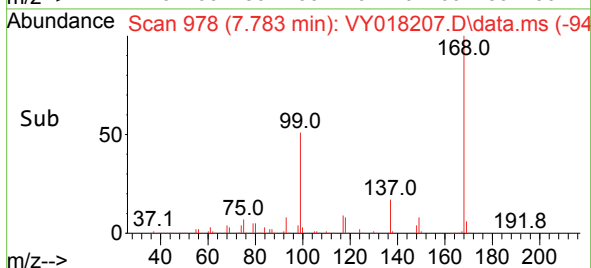
Tgt Ion: 75 Resp: 13003
Ion Ratio Lower Upper
75 100
110 11.9 19.0 57.0#
77 0.2 25.3 37.9#

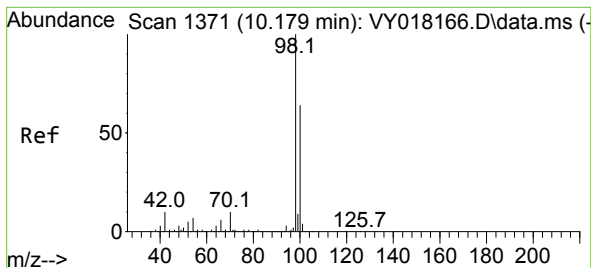


#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY018207.D
Acq: 09 May 2024 13:20



Tgt Ion: 117 Resp: 18009
Ion Ratio Lower Upper
117 100
119 2.6 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 54.450 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018207.D

Acq: 09 May 2024 13:20

Instrument :

MSVOA_Y

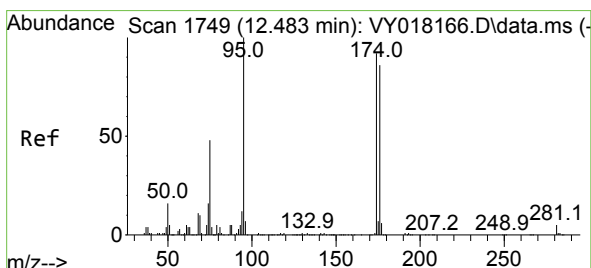
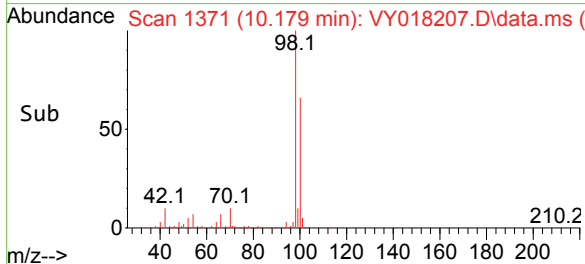
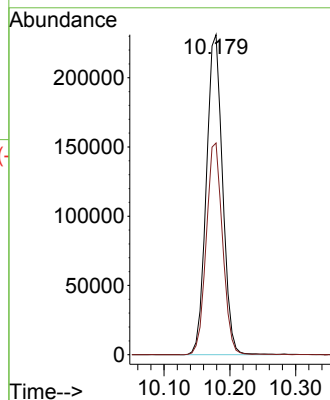
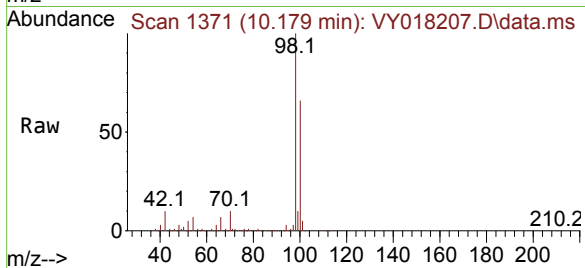
ClientSampleId :

Tgt Ion: 98 Resp: 395569

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.856 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018207.D

Acq: 09 May 2024 13:20

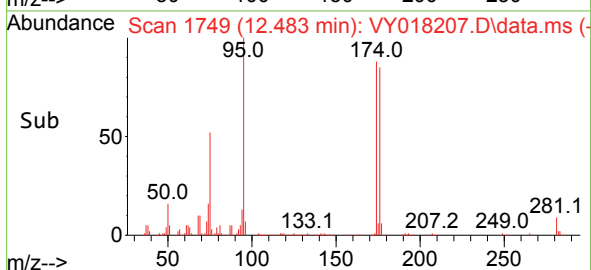
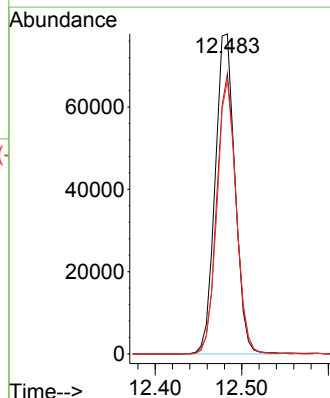
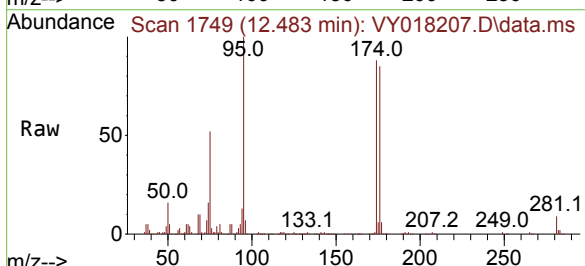
Tgt Ion: 95 Resp: 124007

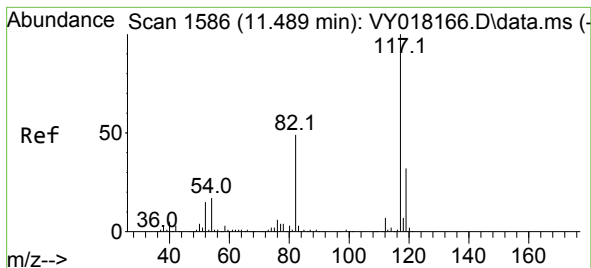
Ion Ratio Lower Upper

95 100

174 84.6 0.0 175.6

176 82.8 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: VY018207.D

Acq: 09 May 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

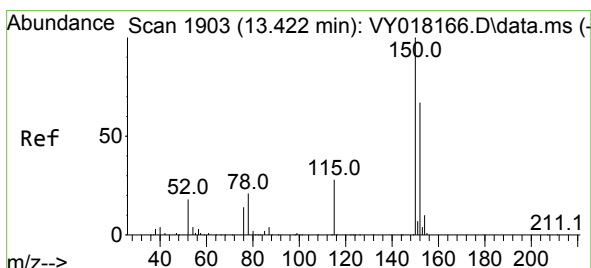
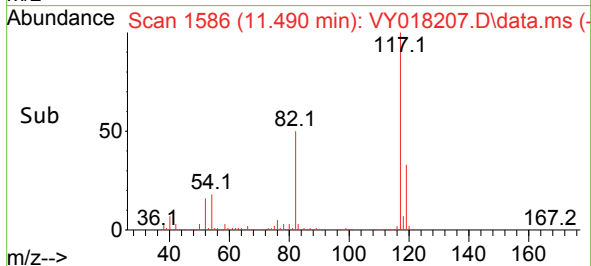
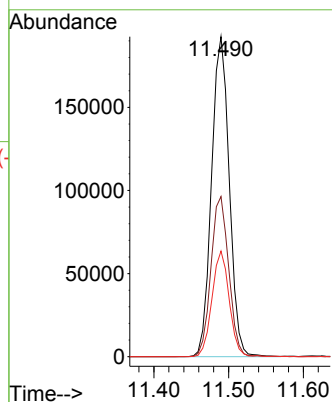
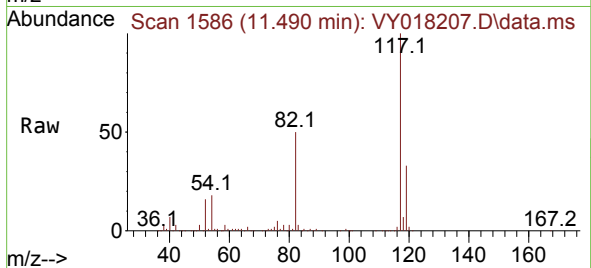
Tgt Ion:117 Resp: 316913

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 33.0 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: VY018207.D

Acq: 09 May 2024 13:20

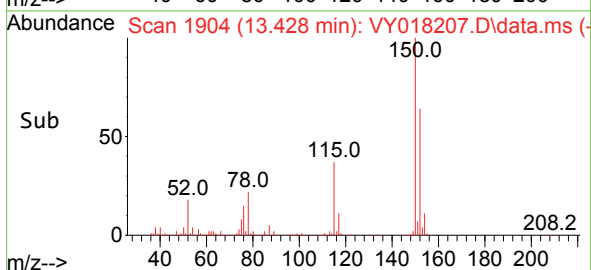
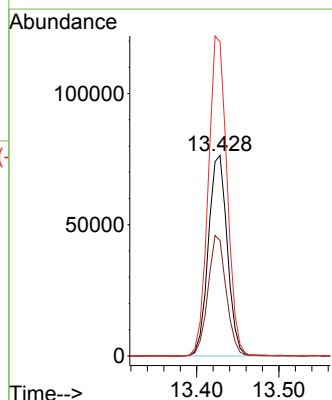
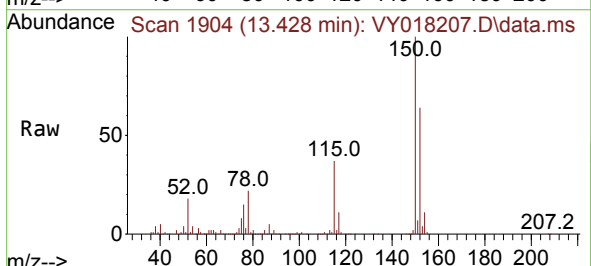
Tgt Ion:152 Resp: 122270

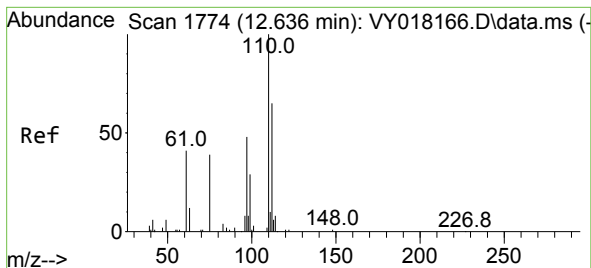
Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 158.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 63.695 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018207.D

Acq: 09 May 2024 13:20

Instrument :

MSVOA_Y

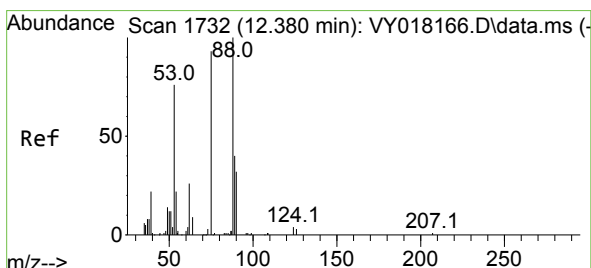
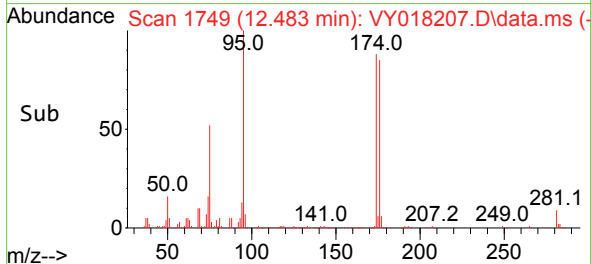
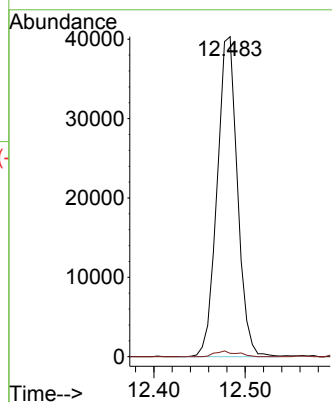
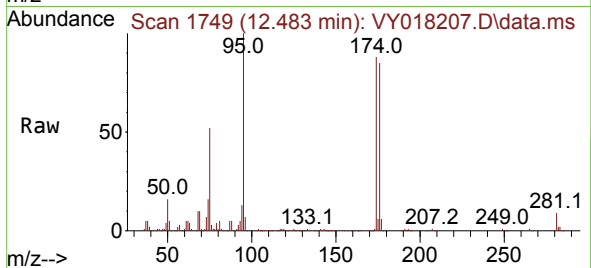
ClientSampleId :

Tgt Ion: 75 Resp: 62338

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.719 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018207.D

Acq: 09 May 2024 13:20

Tgt Ion: 75 Resp: 62338

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#

