

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018308.D
 Acq On : 17 May 2024 15:10
 Operator : SY/MD
 Sample : P2496-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-28452

Quant Time: May 18 00:50:51 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)

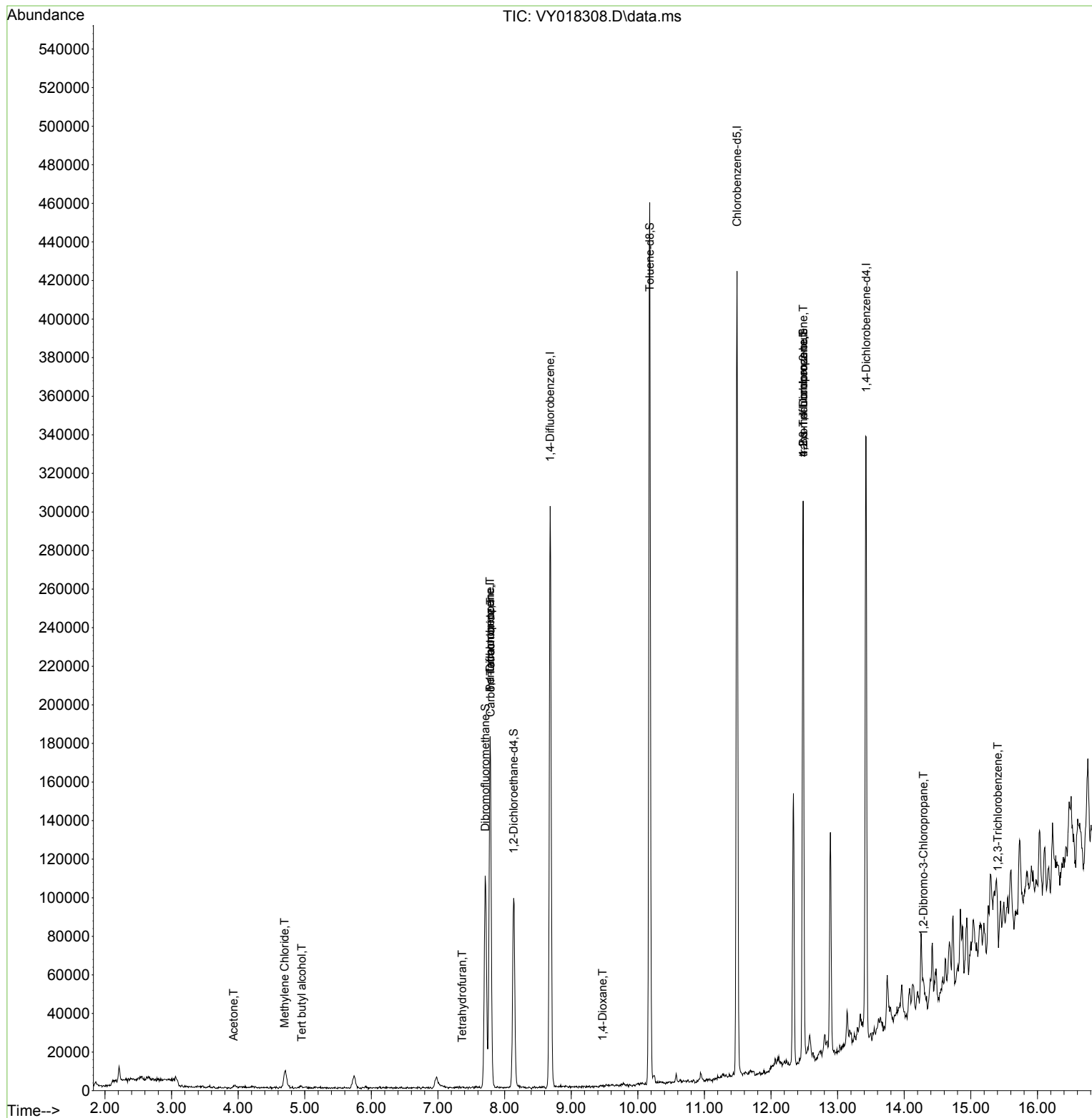
Internal Standards						
1) Pentafluorobenzene	7.783	168	139718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73452	71.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.920%	
35) Dibromofluoromethane	7.709	113	80111	56.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.040%	
50) Toluene-d8	10.179	98	306075	54.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.600%	
62) 4-Bromofluorobenzene	12.483	95	88535	49.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.180%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	1435	4.246	ug/l #	79
13) Acrolein	3.728	56	59	Below Cal	#	15
16) Acetone	3.930	43	2268	11.057	ug/l #	57
20) Methylene Chloride	4.698	84	7040	4.856	ug/l	92
29) Tetrahydrofuran	7.362	42	240	1.109	ug/l #	43
31) Cyclohexane	7.777	56	3237	Below Cal	#	16
36) 1,1-Dichloropropene	7.783	75	11056	5.442	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13734	6.186	ug/l #	15
49) 1,4-Dioxane	9.471	88	20	1.834	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	44395	66.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44395	128.776	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.288	75	206	1.524	ug/l	80
96) 1,2,3-Trichlorobenzene	15.403	180	2290	2.092	ug/l #	15

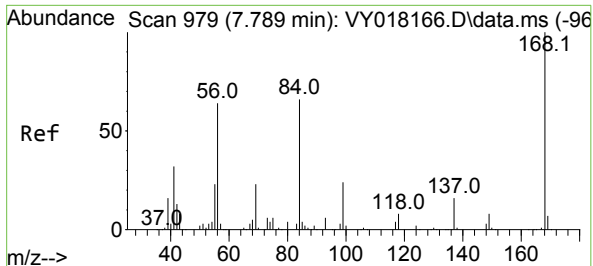
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
Data File : VY018308.D
Acq On : 17 May 2024 15:10
Operator : SY/MD
Sample : P2496-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-28452

Quant Time: May 18 00:50:51 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

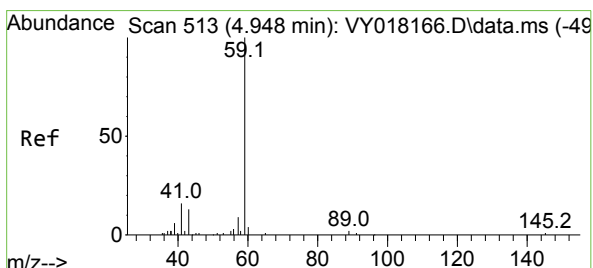
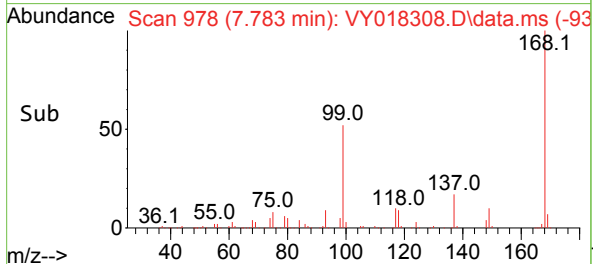
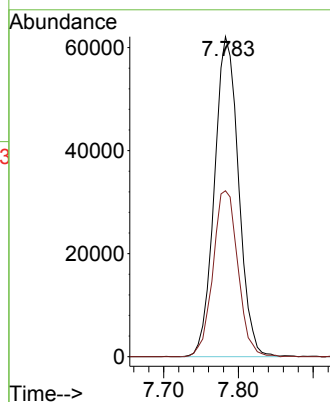
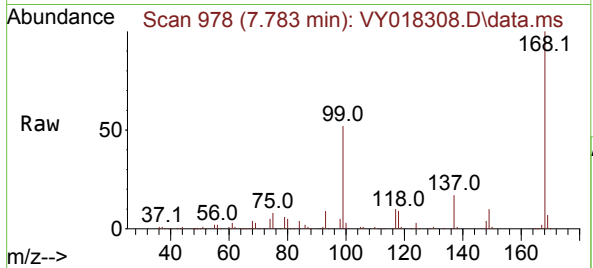




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

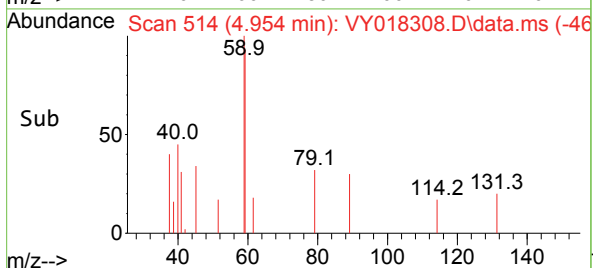
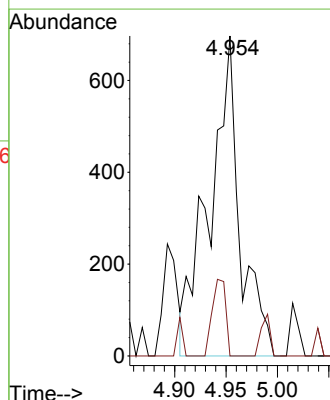
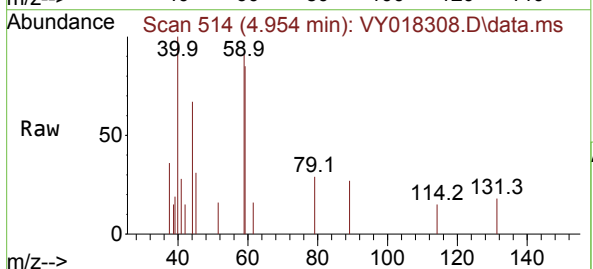
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-28452

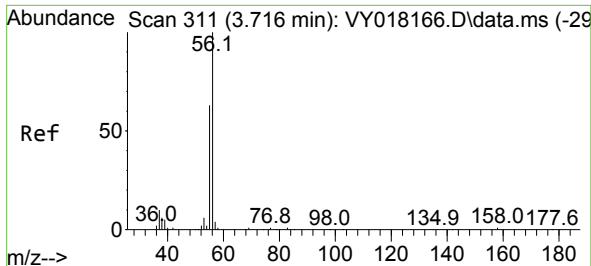
Tgt Ion:168 Resp: 139718
Ion Ratio Lower Upper
168 100
99 51.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.246 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

Tgt Ion: 59 Resp: 1435
Ion Ratio Lower Upper
59 100
57 10.7 3.0 4.6#

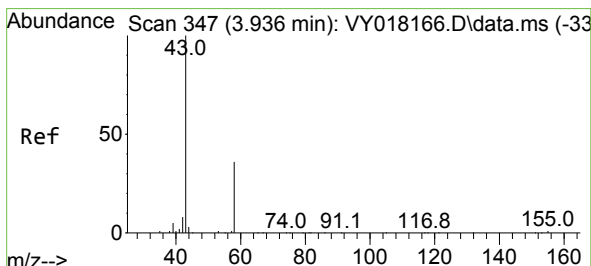
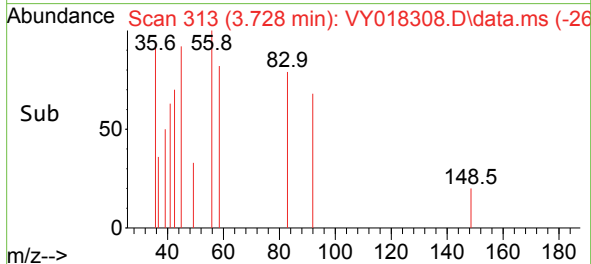
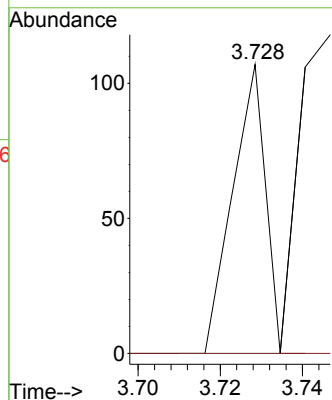
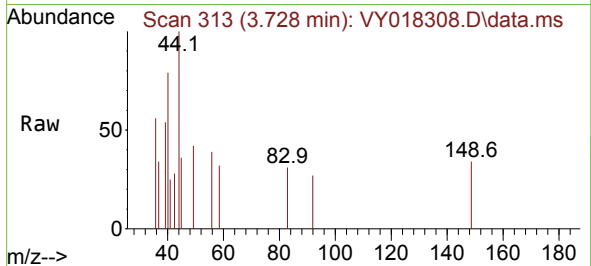




#13
Acrolein
Concen: Below Cal
RT: 3.728 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

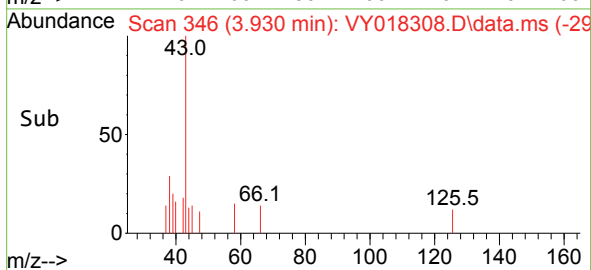
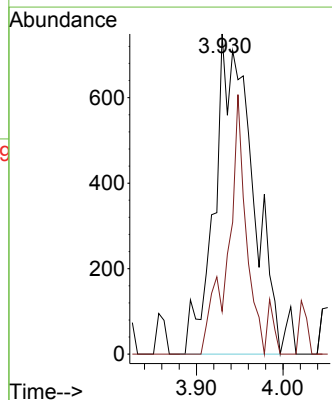
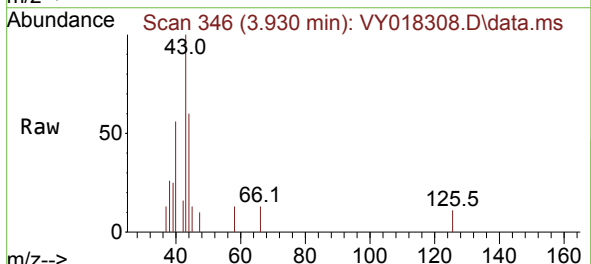
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-28452

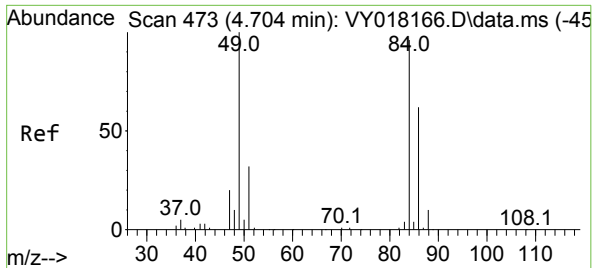
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 11.057 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

Tgt Ion: 43 Resp: 2268
Ion Ratio Lower Upper
43 100
58 13.4 31.7 47.5#

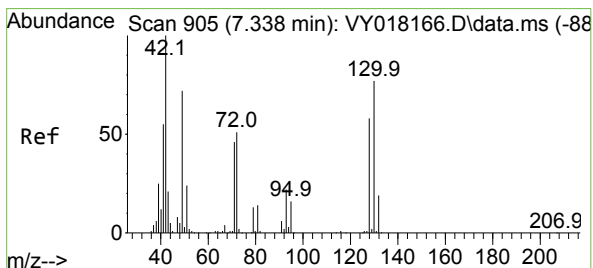
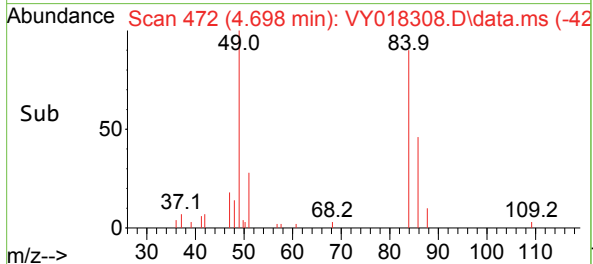
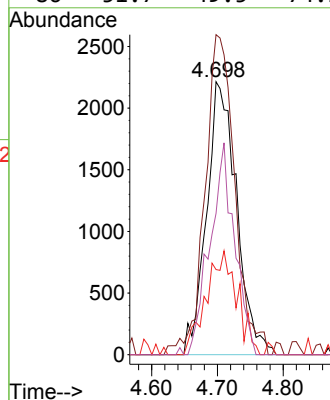
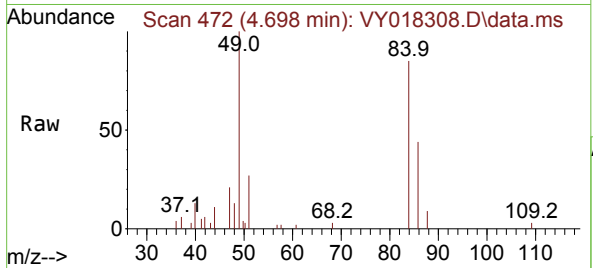




#20
Methylene Chloride
Concen: 4.856 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

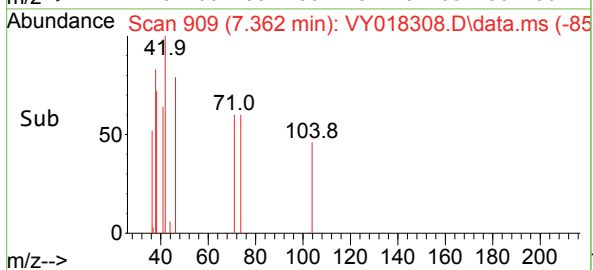
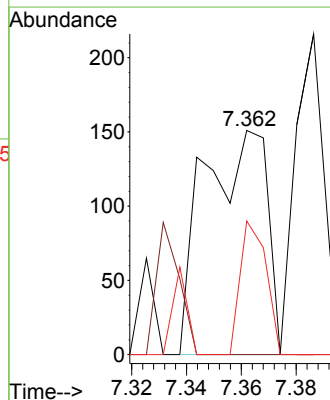
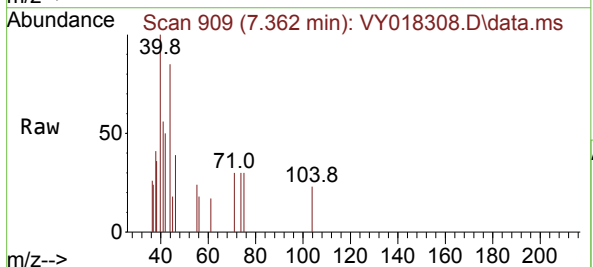
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-28452

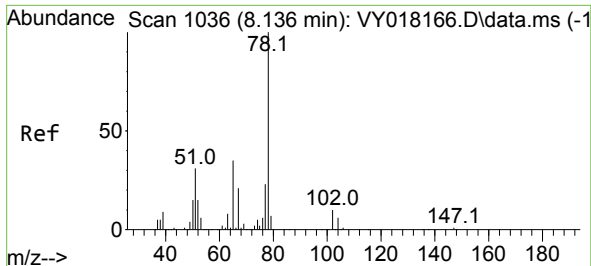
Tgt Ion:	84	Resp:	7040
Ion	Ratio	Lower	Upper
84	100		
49	113.2	84.4	126.6
51	31.2	26.0	39.0
86	51.7	49.5	74.3



#29
Tetrahydrofuran
Concen: 1.109 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.024 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

Tgt Ion:	42	Resp:	240
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	24.6	40.8	61.2#

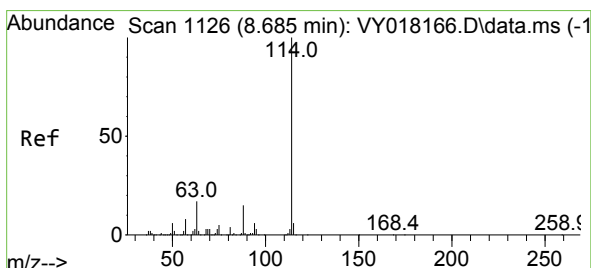
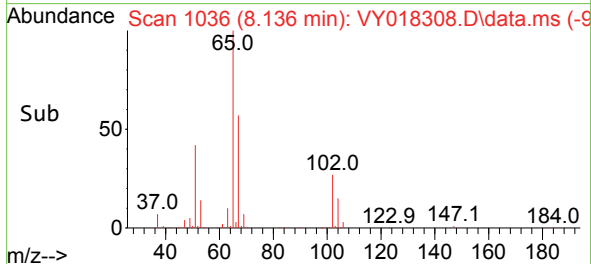
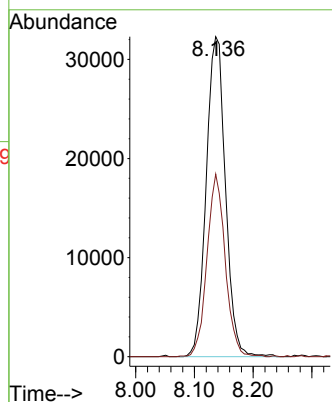
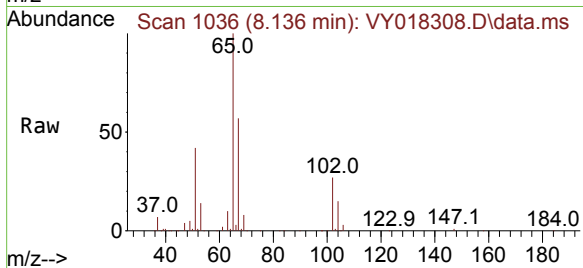




#33
 1,2-Dichloroethane-d4
 Concen: 71.461 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY018308.D
 Acq: 17 May 2024 15:10

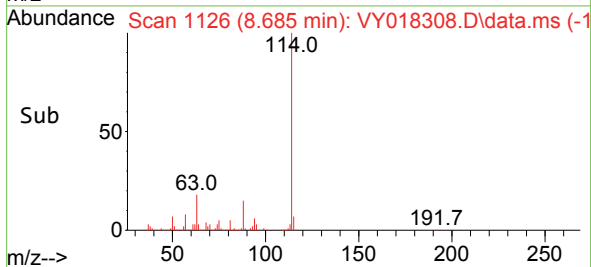
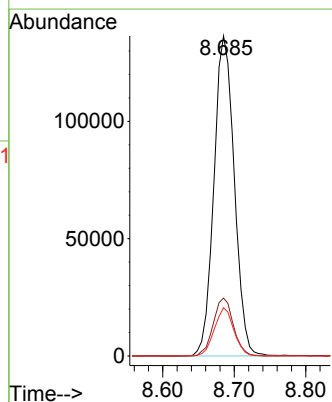
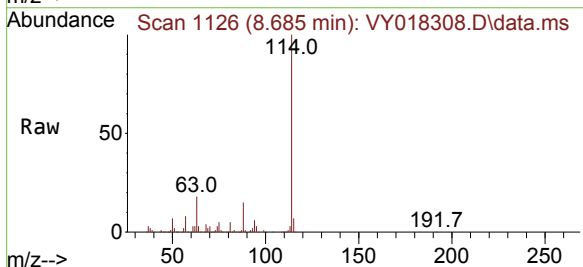
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-28452

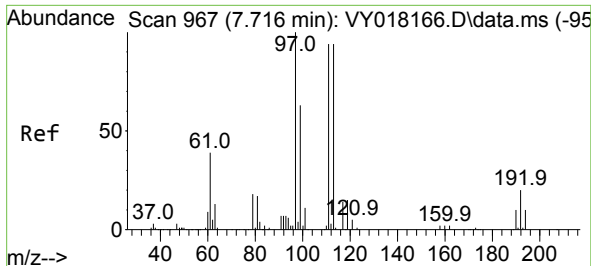
Tgt Ion: 65 Resp: 73452
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY018308.D
 Acq: 17 May 2024 15:10

Tgt Ion: 114 Resp: 269675
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.0
 88 15.0 0.0 27.2

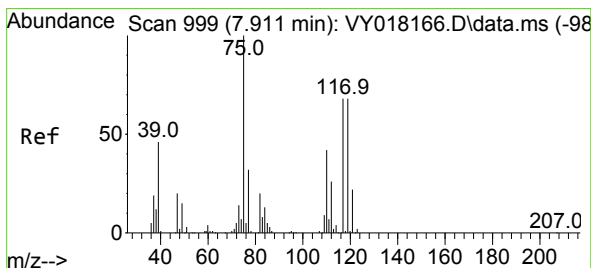
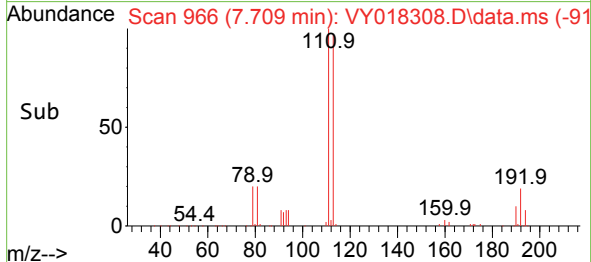
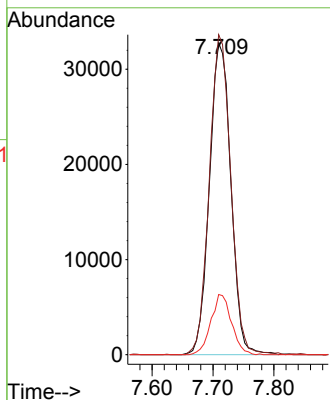
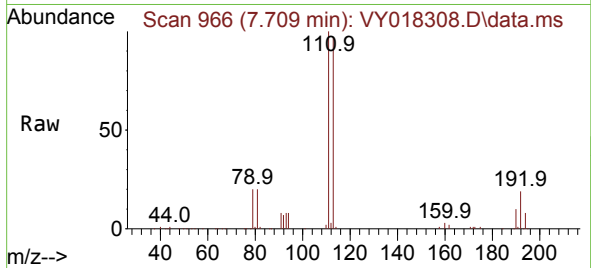




#35
Dibromofluoromethane
Concen: 56.525 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

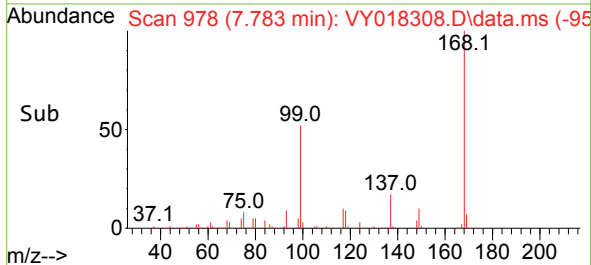
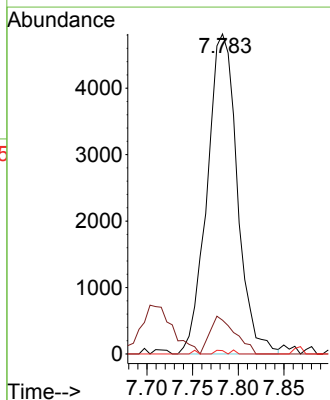
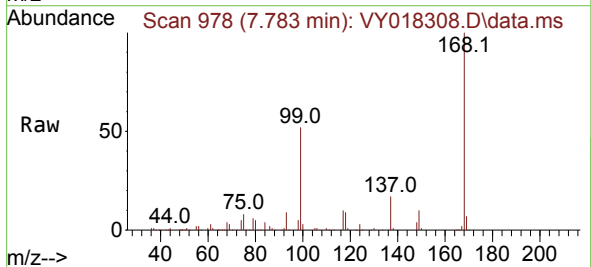
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-28452

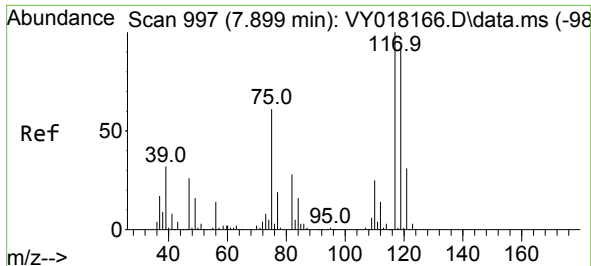
Tgt Ion:113 Resp: 80111
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.442 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

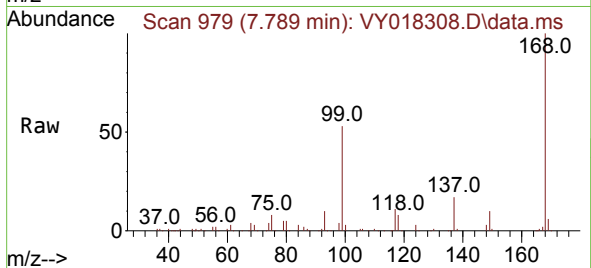
Tgt Ion: 75 Resp: 11056
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.4 25.3 37.9#



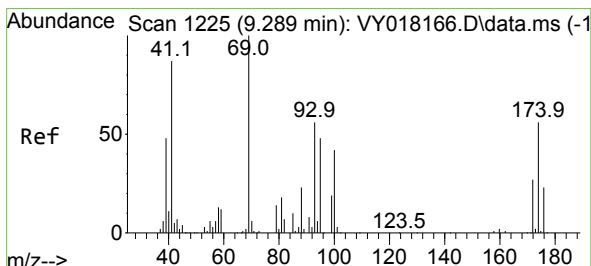
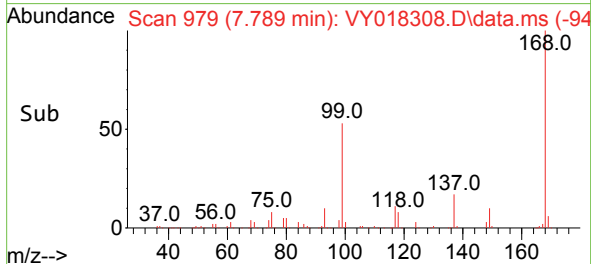
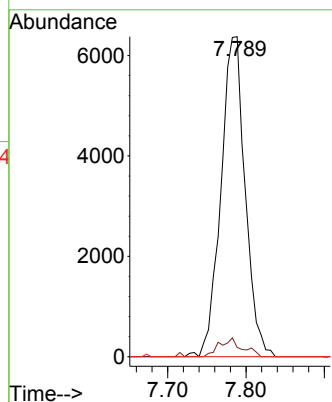


#38
Carbon Tetrachloride
Concen: 6.186 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-28452

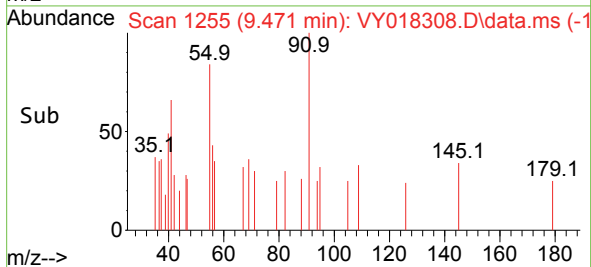
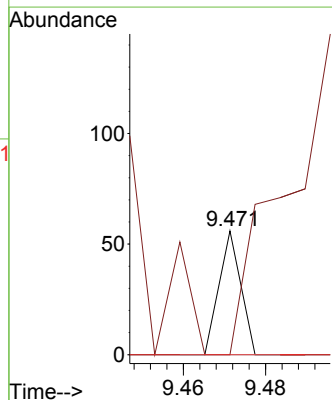
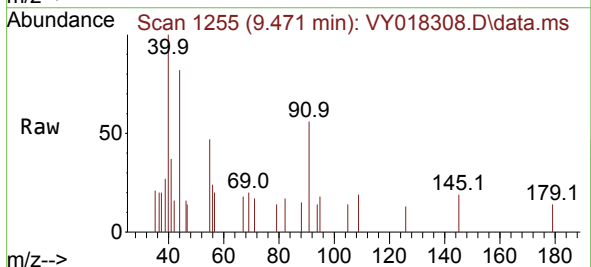


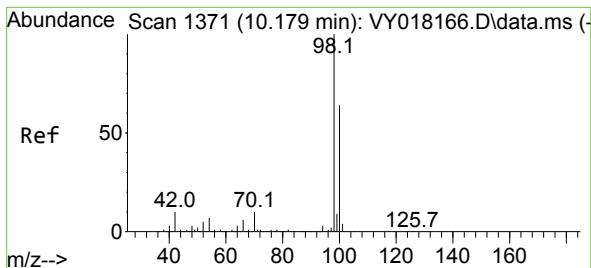
Tgt Ion:117 Resp: 13734
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.834 ug/l
RT: 9.471 min Scan# 1255
Delta R.T. 0.183 min
Lab File: VY018308.D
Acq: 17 May 2024 15:10

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 54.804 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018308.D

Acq: 17 May 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

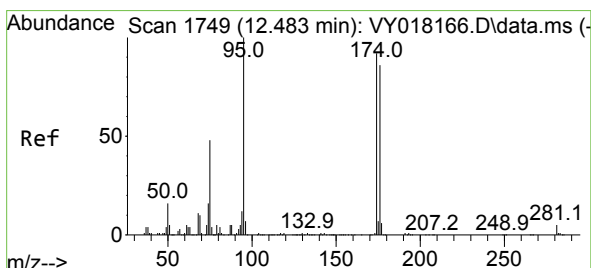
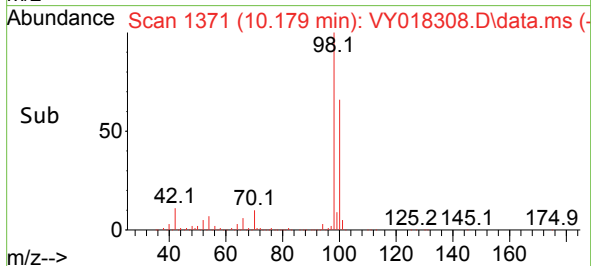
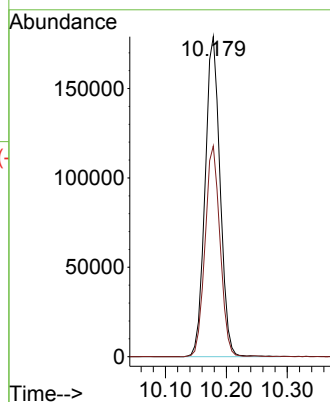
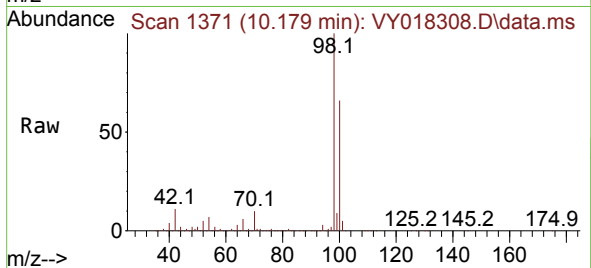
CHRT-28452

Tgt Ion: 98 Resp: 306075

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.088 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018308.D

Acq: 17 May 2024 15:10

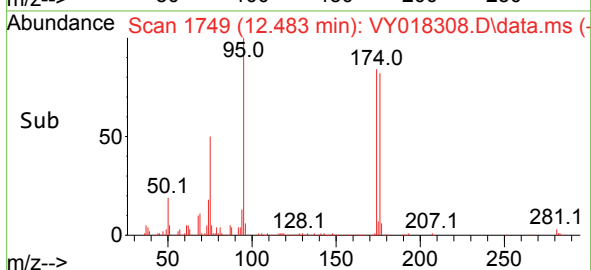
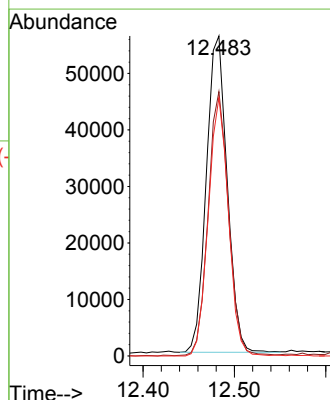
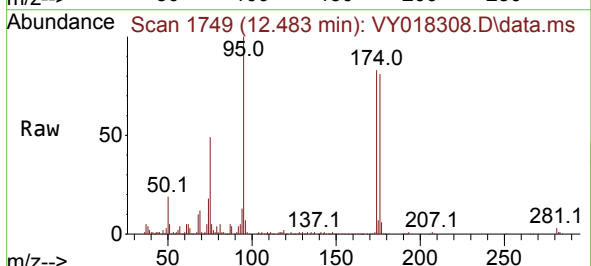
Tgt Ion: 95 Resp: 88535

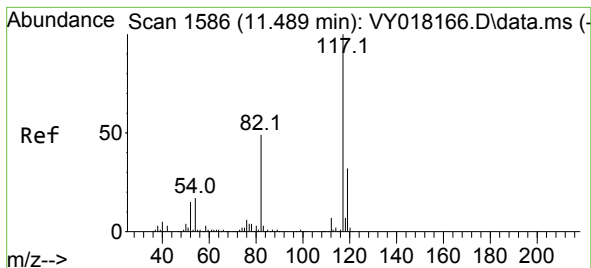
Ion Ratio Lower Upper

95 100

174 81.7 0.0 175.6

176 78.8 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: VY018308.D

Acq: 17 May 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-28452

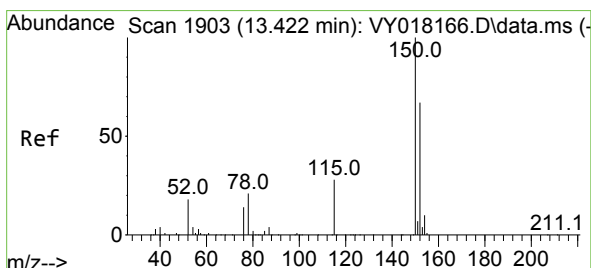
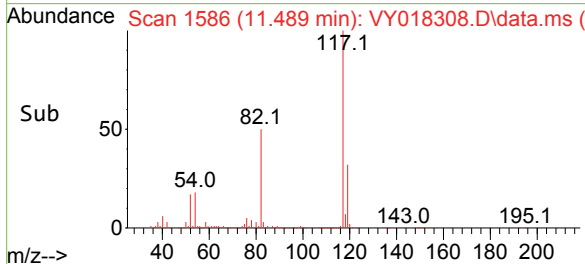
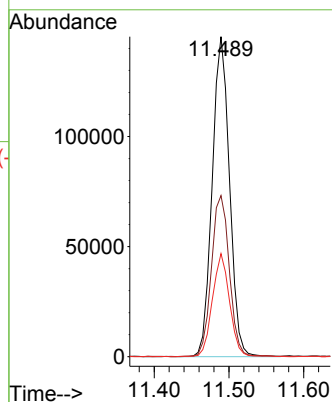
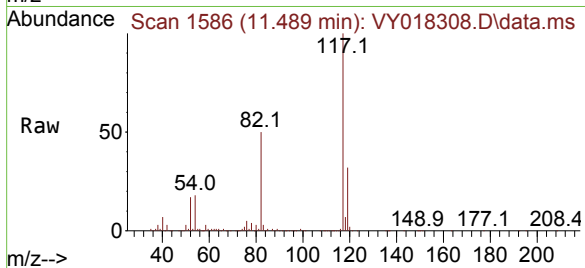
Tgt Ion:117 Resp: 234419

Ion Ratio Lower Upper

117 100

82 50.3 42.4 63.6

119 32.1 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: VY018308.D

Acq: 17 May 2024 15:10

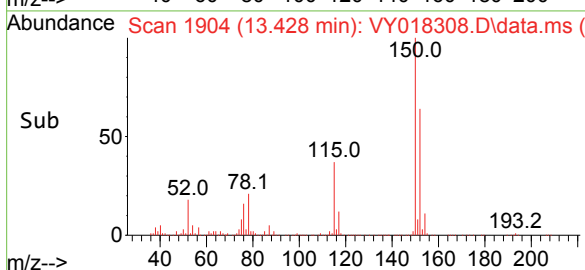
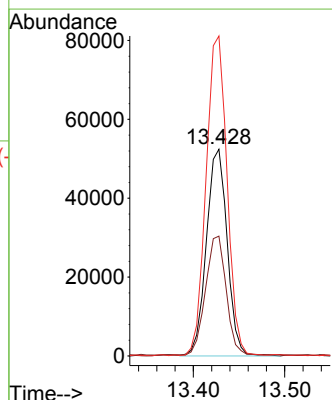
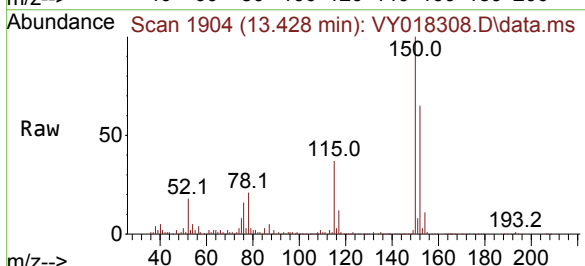
Tgt Ion:152 Resp: 82981

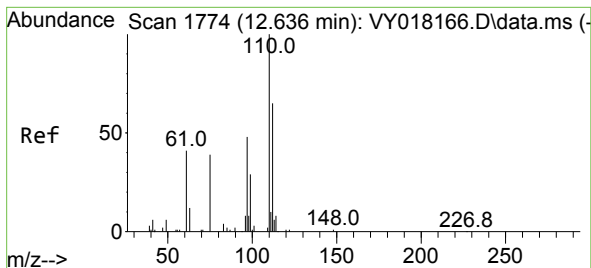
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 155.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 66.839 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018308.D

Acq: 17 May 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

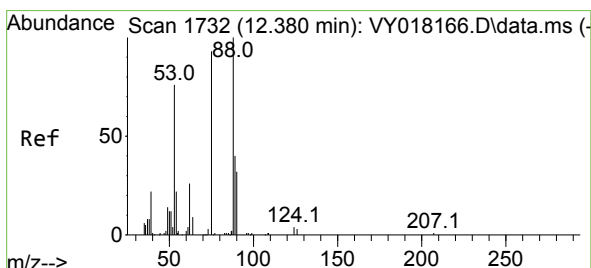
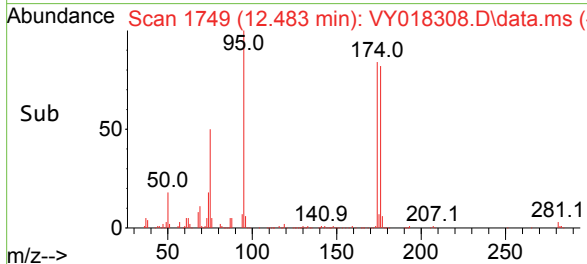
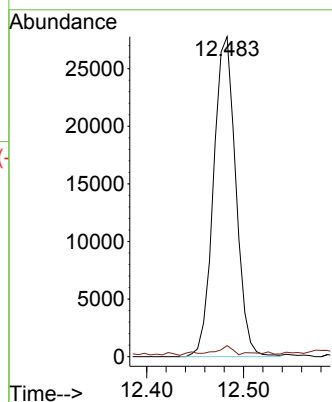
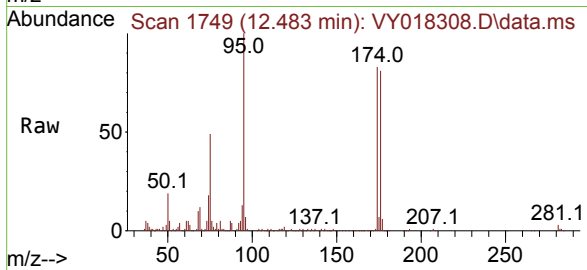
CHRT-28452

Tgt Ion: 75 Resp: 44395

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.776 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY018308.D

Acq: 17 May 2024 15:10

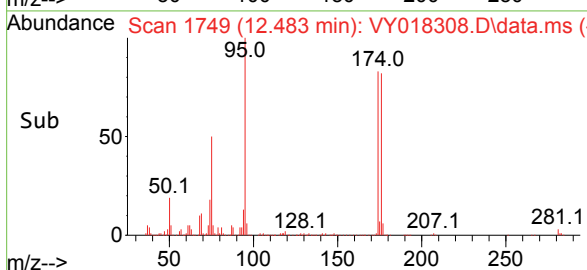
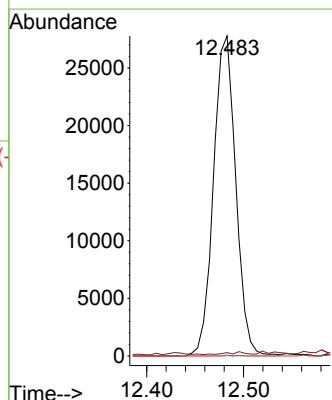
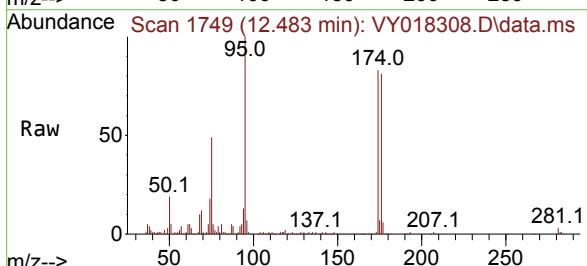
Tgt Ion: 75 Resp: 44395

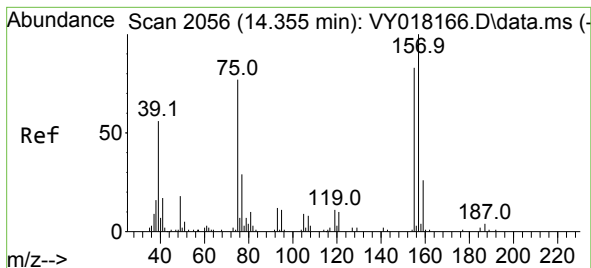
Ion Ratio Lower Upper

75 100

53 0.6 66.8 100.2#

89 0.1 35.8 53.6#

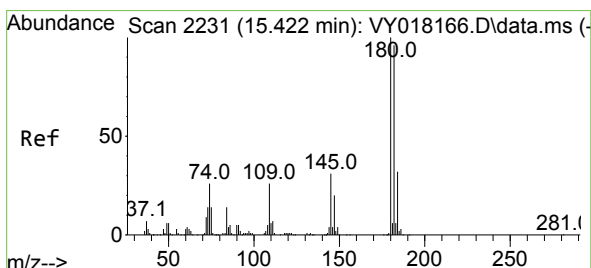
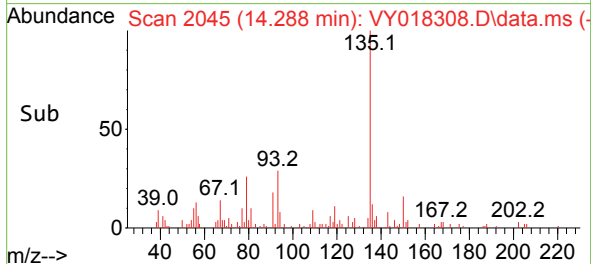
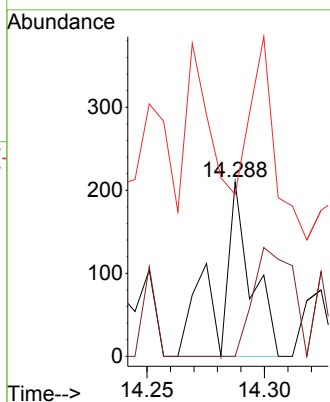
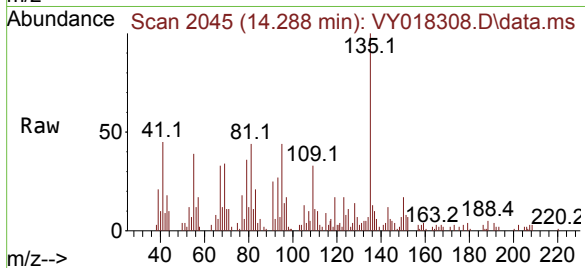




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.524 ug/l
 RT: 14.288 min Scan# 2045
 Delta R.T. -0.067 min
 Lab File: VY018308.D
 Acq: 17 May 2024 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-28452

Tgt Ion: 75 Resp: 206
 Ion Ratio Lower Upper
 75 100
 155 91.7 48.6 145.8
 157 90.8 62.7 188.2



#96
 1,2,3-Trichlorobenzene
 Concen: 2.092 ug/l
 RT: 15.403 min Scan# 2228
 Delta R.T. -0.018 min
 Lab File: VY018308.D
 Acq: 17 May 2024 15:10

Tgt Ion: 180 Resp: 2290
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.6 142.9#
 145 55.5 15.4 46.1#

