

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007837.D
 Acq On : 10 Mar 2022 19:53
 Operator : SY/MD
 Sample : N1863-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-25720

Quant Time: Mar 10 23:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

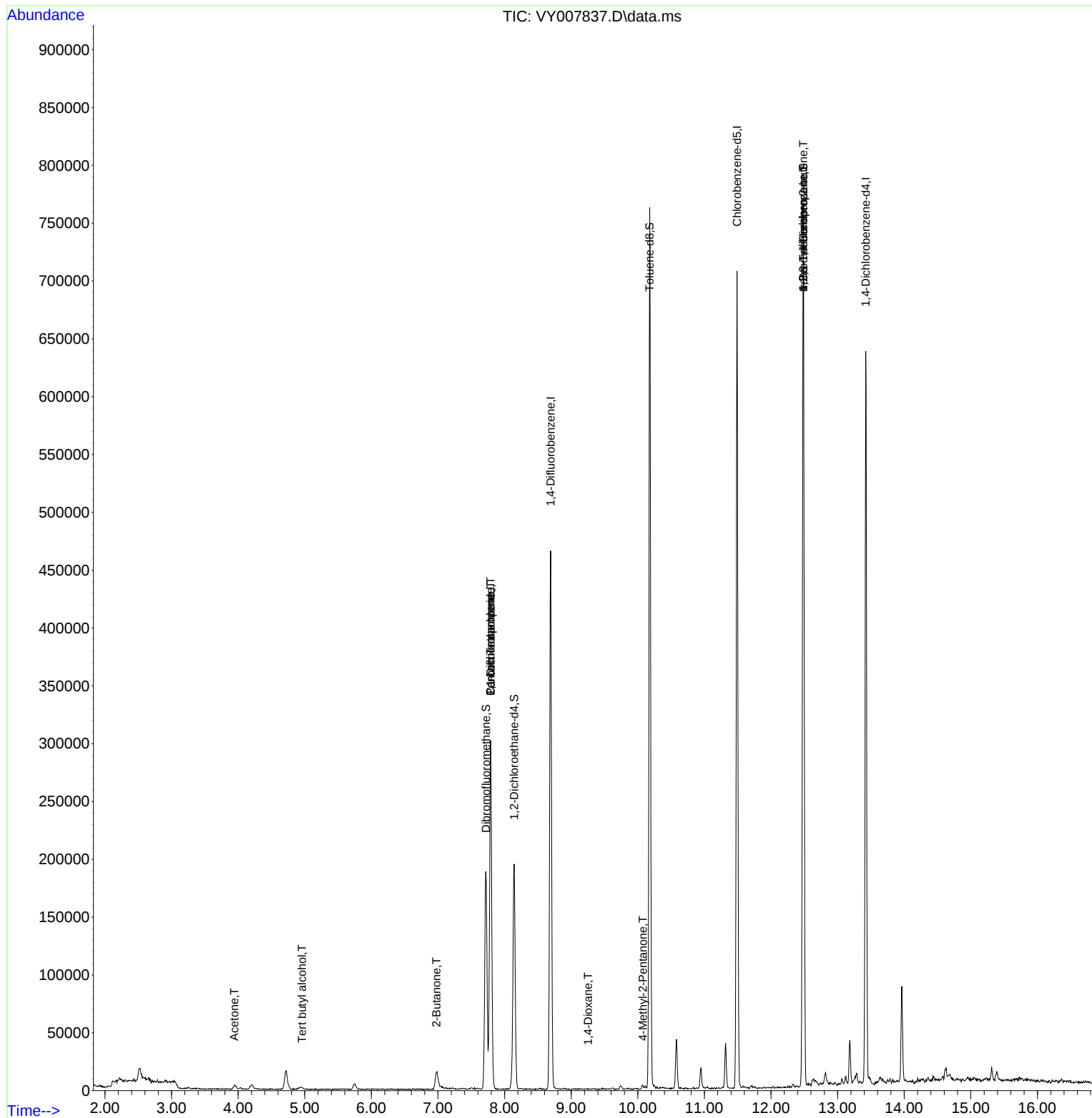
Internal Standards						
1) Pentafluorobenzene	7.789	168	220858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	355830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	143474	62.051	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.100%			
35) Dibromofluoromethane	7.722	113	130571	52.737	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.480%			
50) Toluene-d8	10.179	98	477841	52.430	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.483	95	143274	48.769	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.540%			
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	40	Below Cal	#	43
3) Chloromethane	2.113	50	1417	Below Cal		89
11) Tert butyl alcohol	4.960	59	1229	6.139	ug/l #	86
13) Acrolein	3.588	56	58	Below Cal	#	14
16) Acetone	3.942	43	5971	12.694	ug/l	98
18) Methyl Acetate	4.466	43	107	Below Cal	#	56
25) 2-Butanone	6.978	43	916	1.161	ug/l #	54
31) Cyclohexane	7.789	56	5474	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	18675	4.795	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24025	5.783	ug/l #	15
49) 1,4-Dioxane	9.252	88	22	1.083	ug/l #	20
51) 4-Methyl-2-Pentanone	10.075	43	2493	1.171	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	84991	50.503	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84991	103.247	ug/l #	8

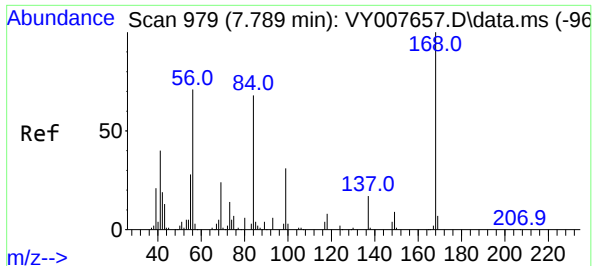
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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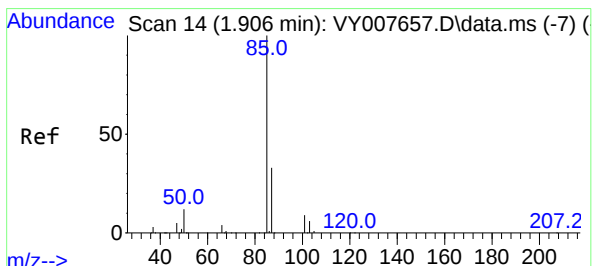
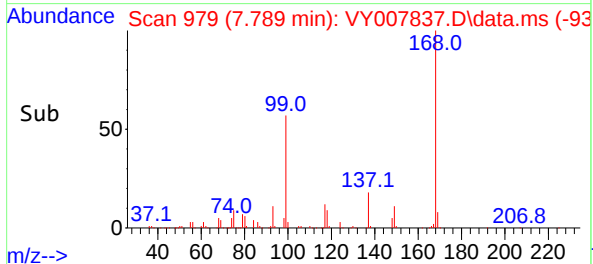
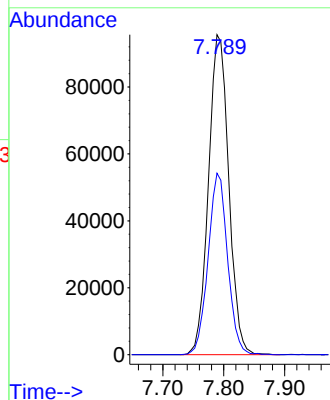
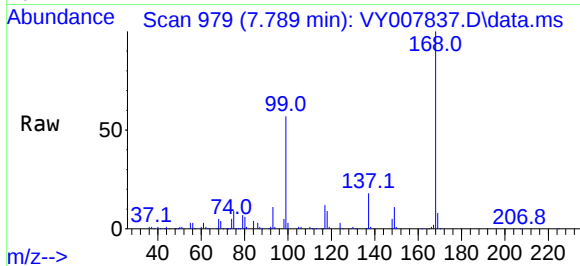




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

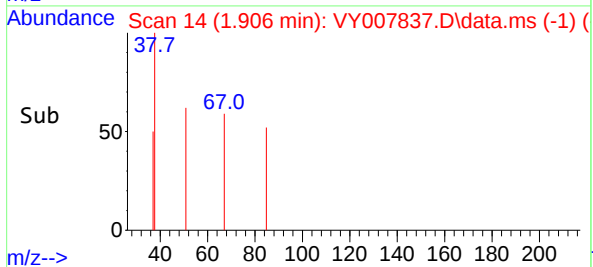
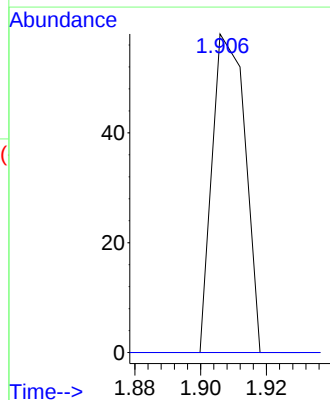
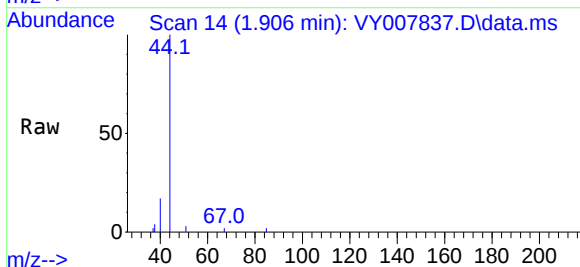
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

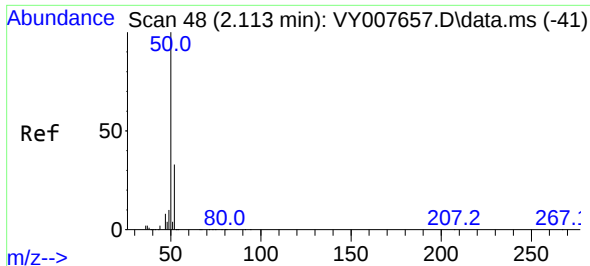
Tgt Ion:168 Resp: 220858
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion: 85 Resp: 40
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

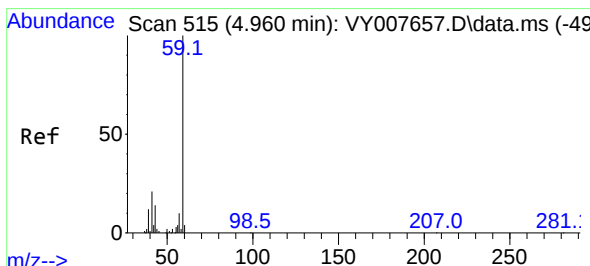
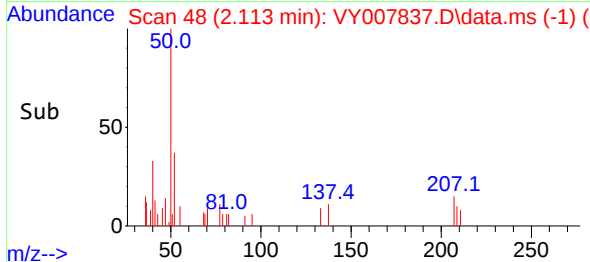
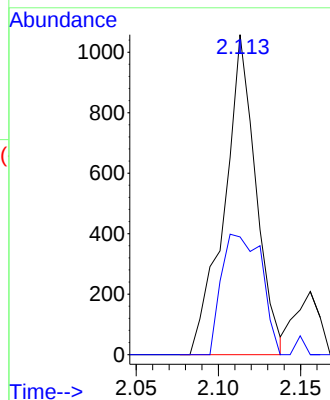
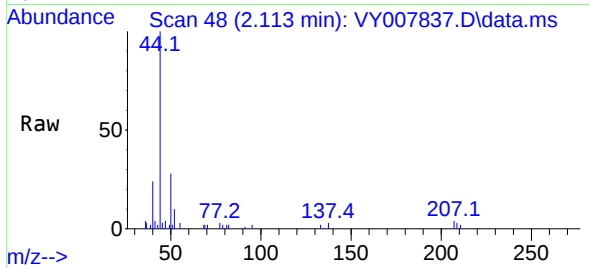




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

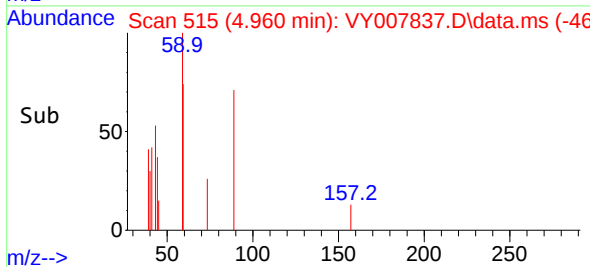
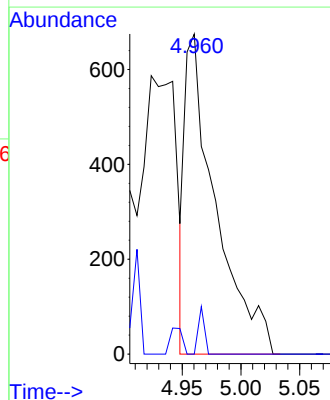
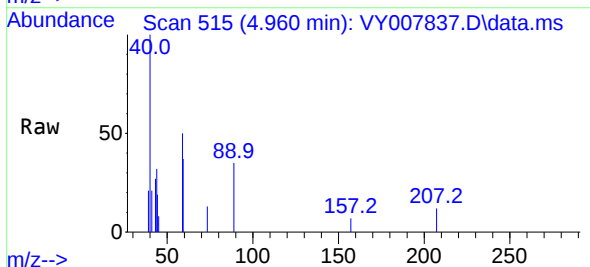
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

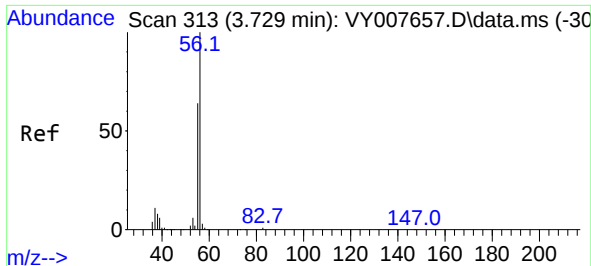
Tgt Ion: 50 Resp: 1417
Ion Ratio Lower Upper
50 100
52 36.8 24.6 37.0



#11
Tert butyl alcohol
Concen: 6.139 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion: 59 Resp: 1229
Ion Ratio Lower Upper
59 100
57 3.0 6.4 9.6

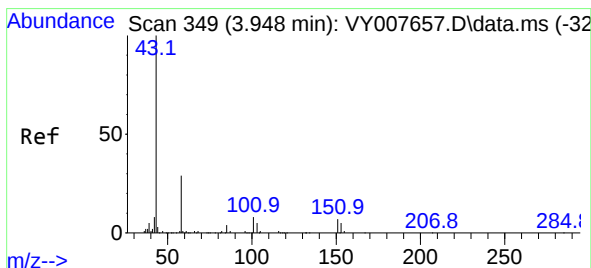
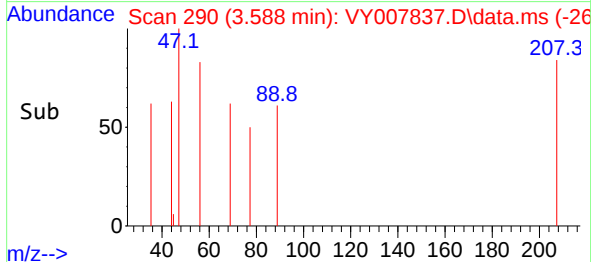
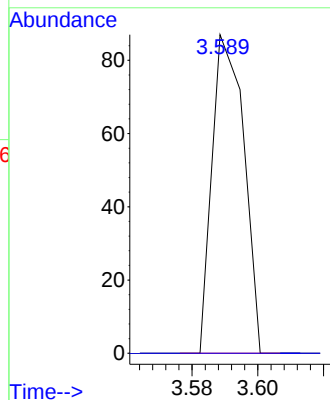
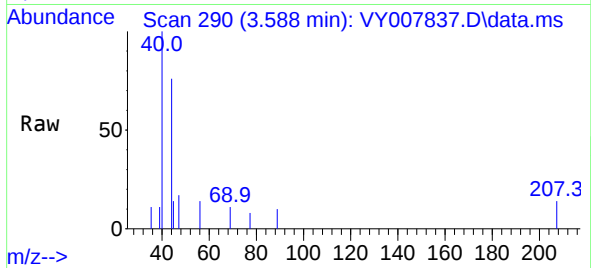




#13
Acrolein
Concen: Below Cal
RT: 3.588 min Scan# 290
Delta R.T. -0.141 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

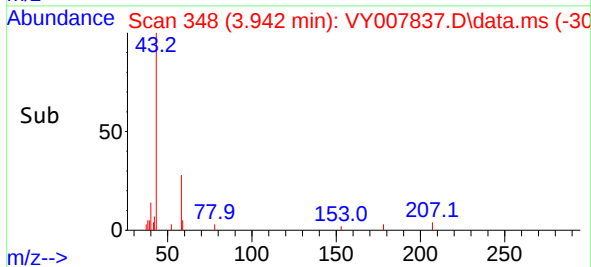
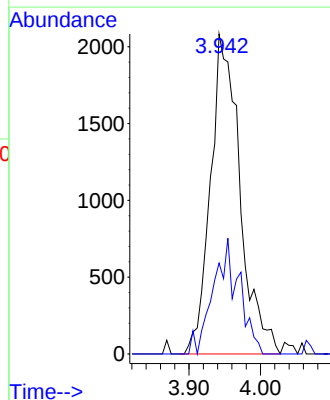
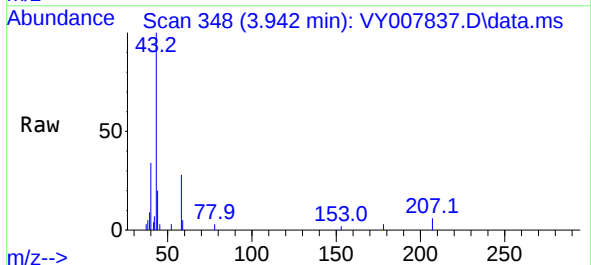
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

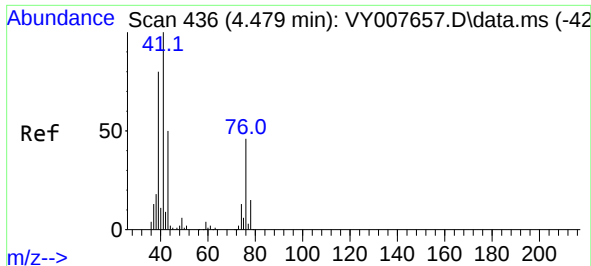
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 12.694 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion: 43 Resp: 5971
Ion Ratio Lower Upper
43 100
58 28.4 22.0 33.0

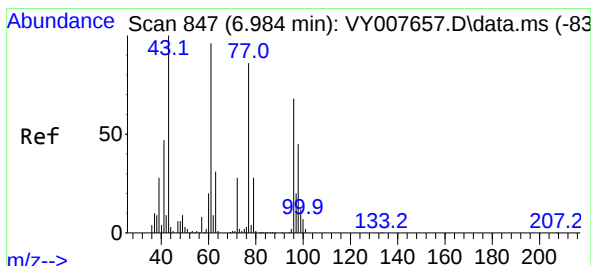
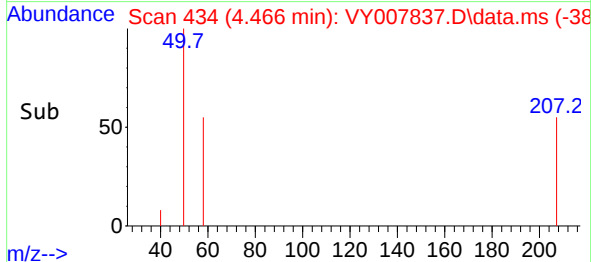
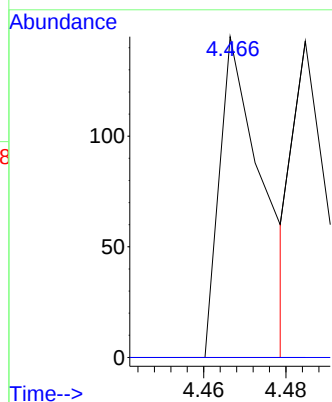
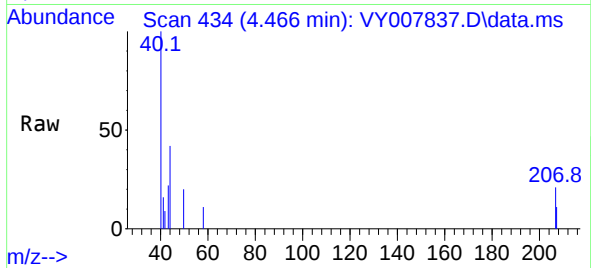




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

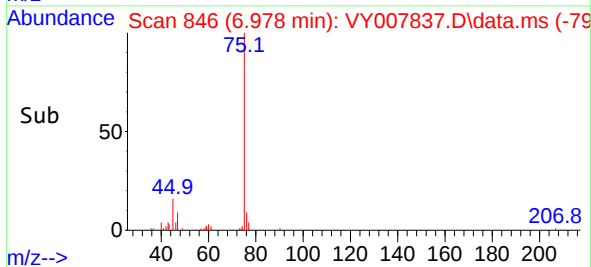
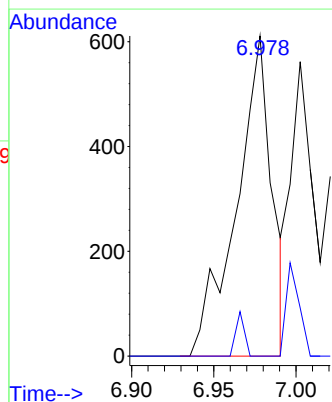
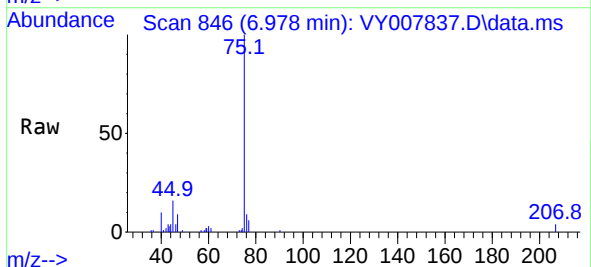
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

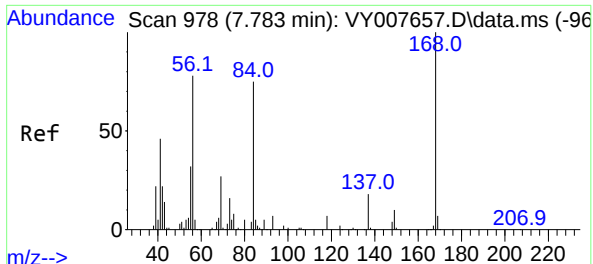
Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.161 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

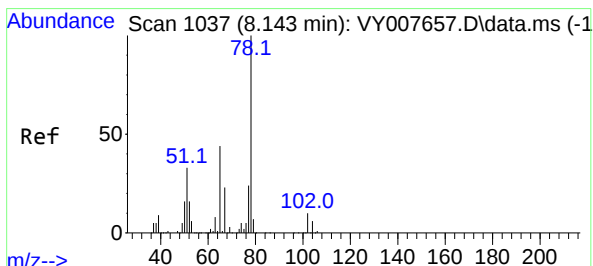
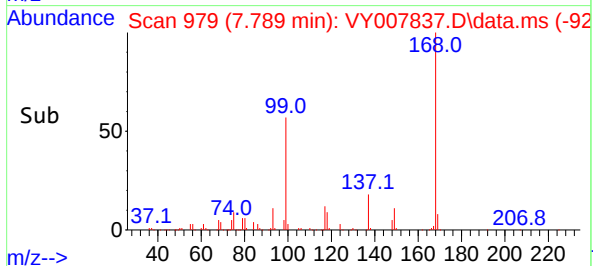
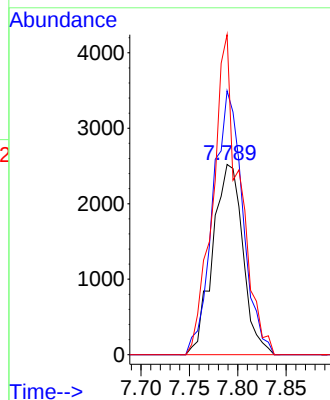
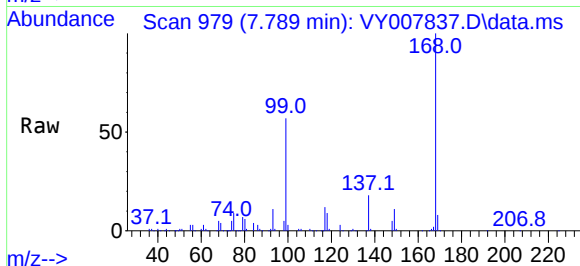




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

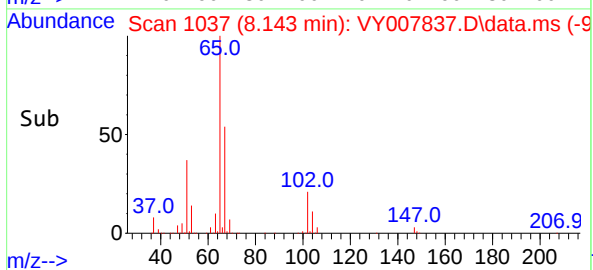
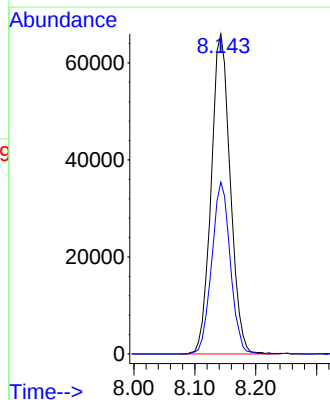
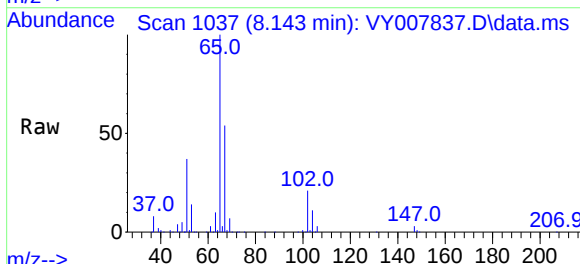
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

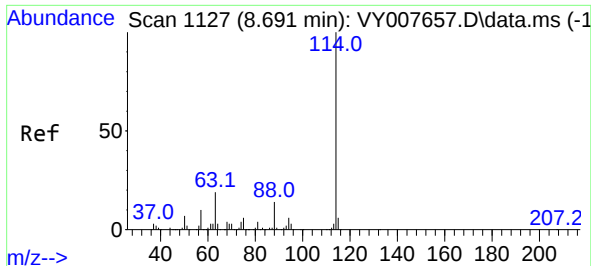
Tgt Ion: 56 Resp: 5474
Ion Ratio Lower Upper
56 100
69 138.7 26.7 40.1#
84 168.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.051 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion: 65 Resp: 143474
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007837.D

Acq: 10 Mar 2022 19:53

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-25720

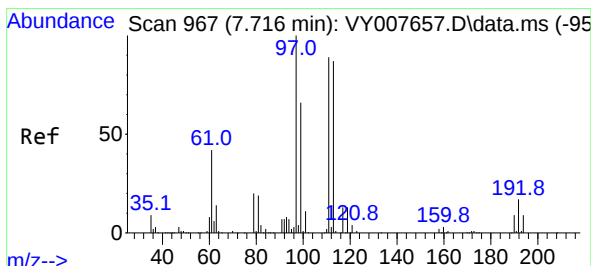
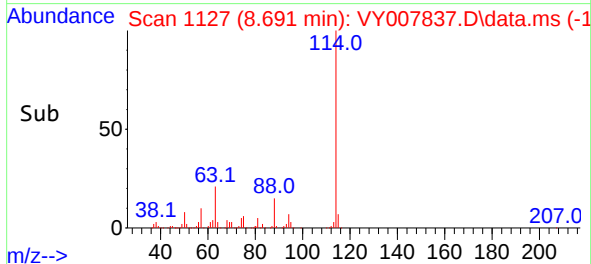
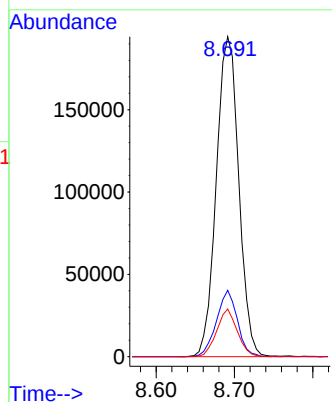
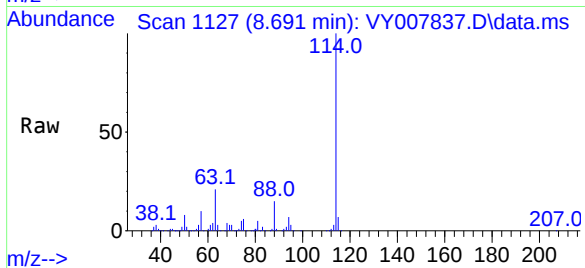
Tgt Ion:114 Resp: 387260

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.737 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007837.D

Acq: 10 Mar 2022 19:53

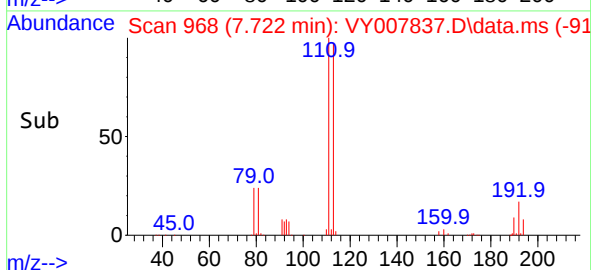
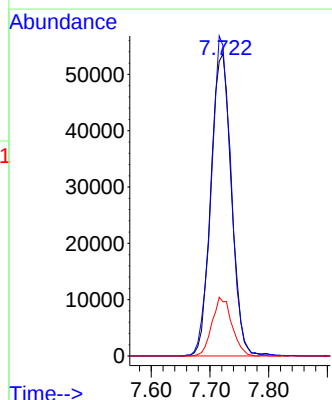
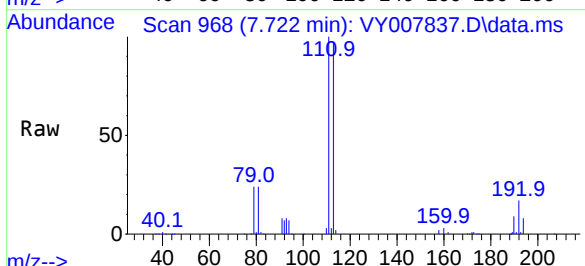
Tgt Ion:113 Resp: 130571

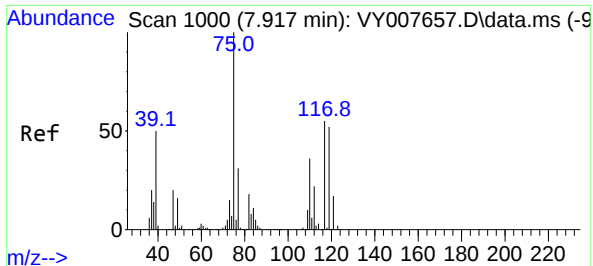
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 18.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.795 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007837.D

Acq: 10 Mar 2022 19:53

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-25720

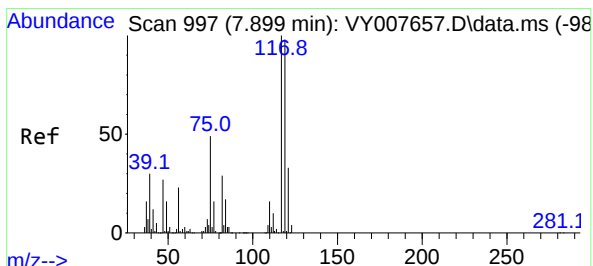
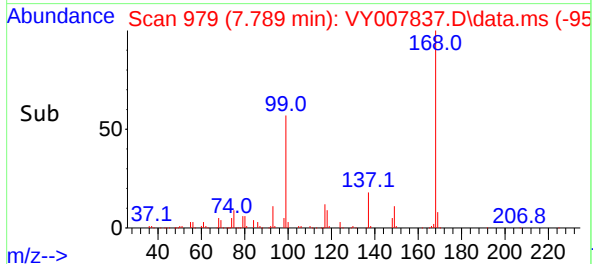
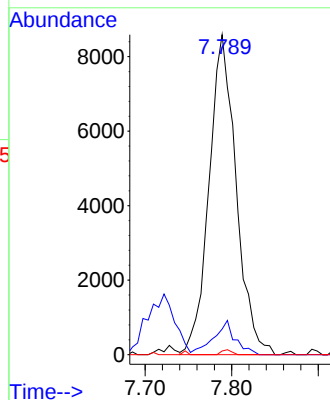
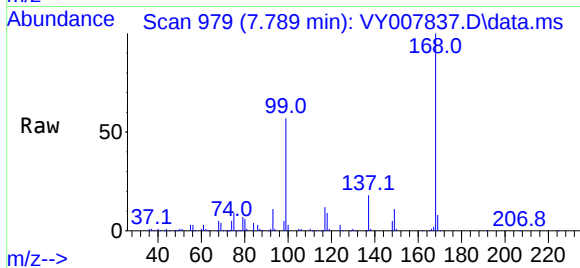
Tgt Ion: 75 Resp: 18675

Ion Ratio Lower Upper

75 100

110 8.5 17.1 51.2#

77 0.6 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.783 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007837.D

Acq: 10 Mar 2022 19:53

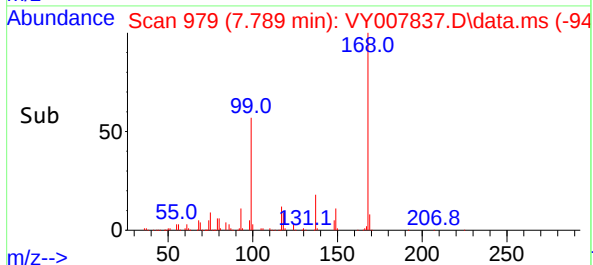
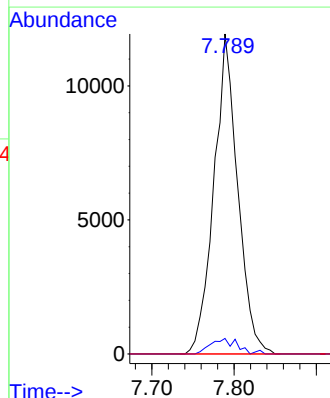
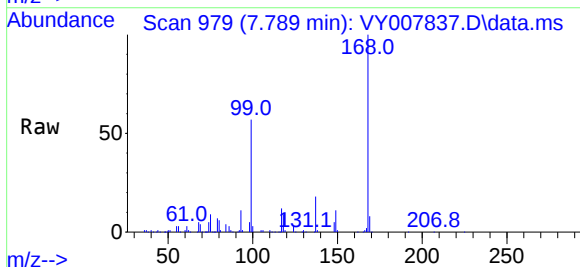
Tgt Ion: 117 Resp: 24025

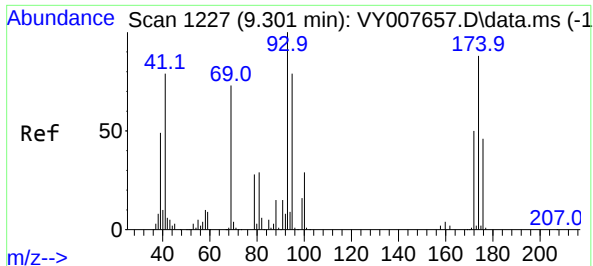
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.083 ug/l

RT: 9.252 min Scan# 1219

Delta R.T. -0.049 min

Lab File: VY007837.D

Acq: 10 Mar 2022 19:53

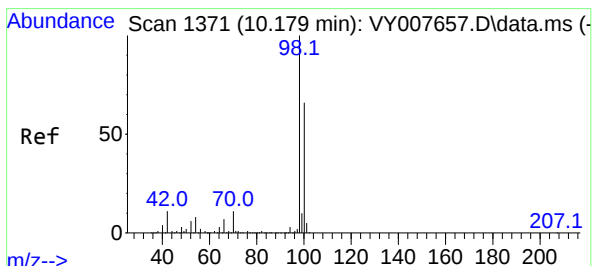
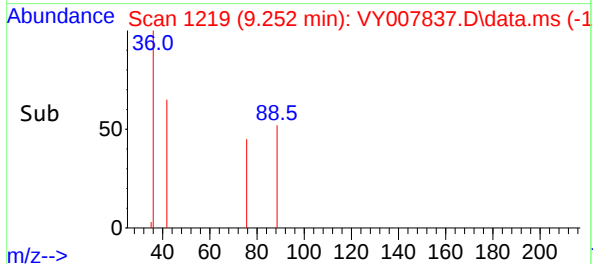
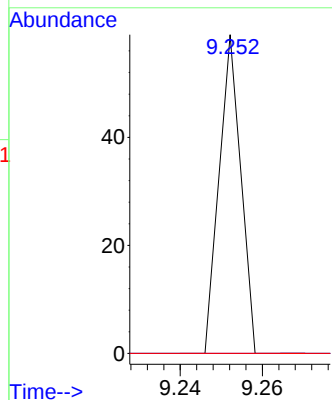
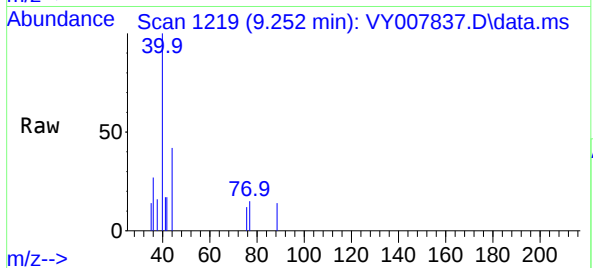
Instrument :

MSVOA_Y

ClientSampleId :

CHRT-25720

Tgt Ion:	88	Resp:	22
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.8	49.2#
58	0.0	59.8	89.6#



#50

Toluene-d8

Concen: 52.430 ug/l

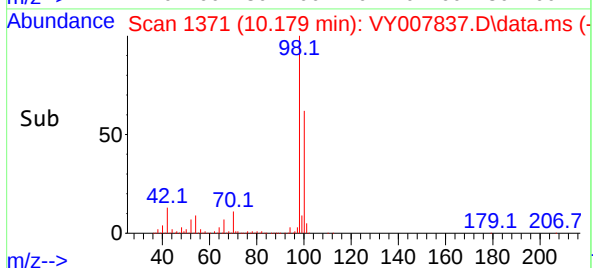
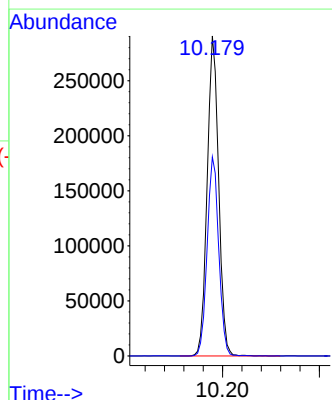
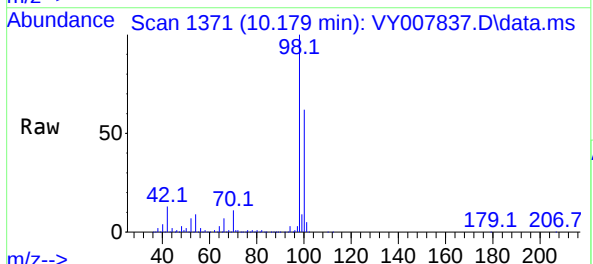
RT: 10.179 min Scan# 1371

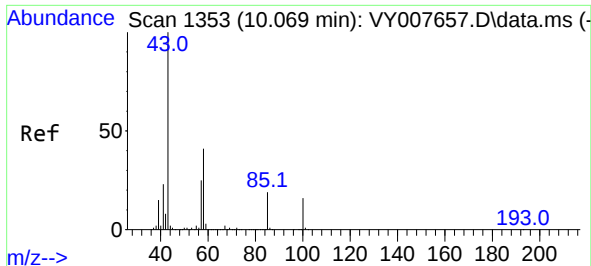
Delta R.T. -0.000 min

Lab File: VY007837.D

Acq: 10 Mar 2022 19:53

Tgt Ion:	98	Resp:	477841
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.2	75.2

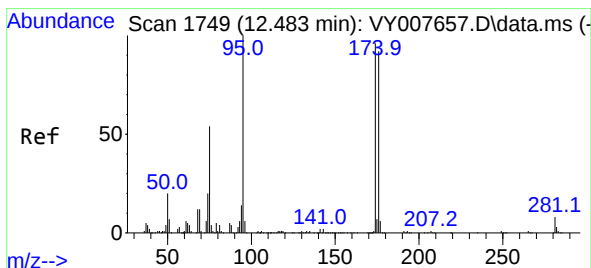
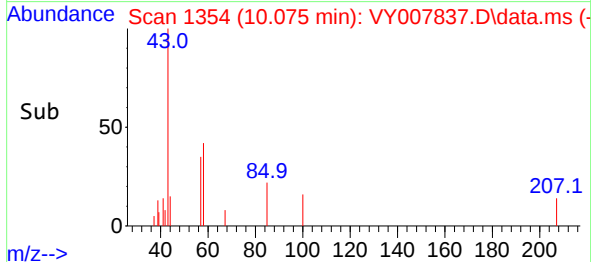
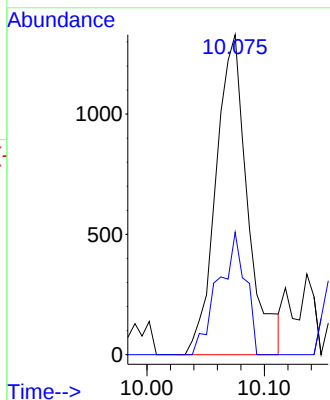
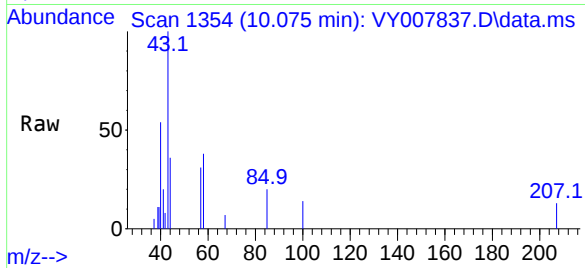




#51
4-Methyl-2-Pentanone
Concen: 1.171 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

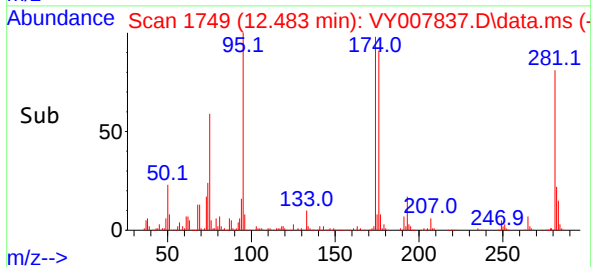
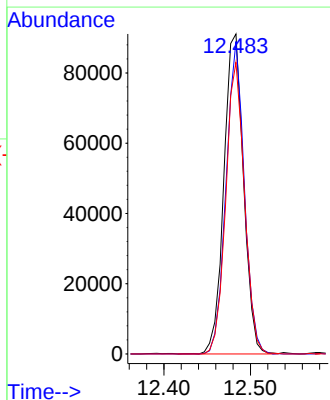
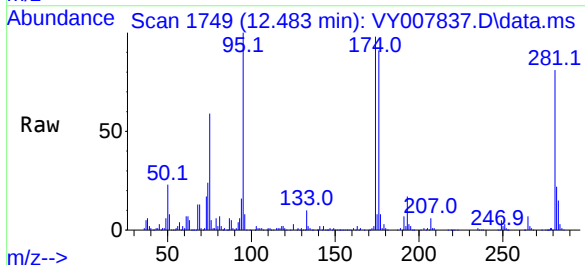
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

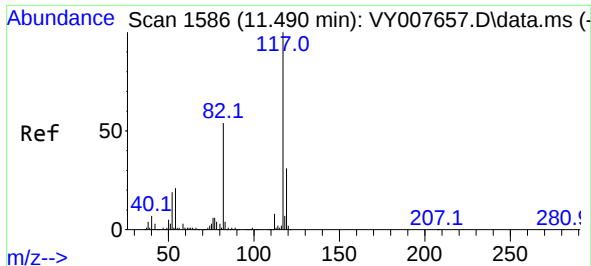
Tgt Ion: 43 Resp: 2493
Ion Ratio Lower Upper
43 100
58 32.7 28.1 42.1



#62
4-Bromofluorobenzene
Concen: 48.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion: 95 Resp: 143274
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 87.0 0.0 175.8

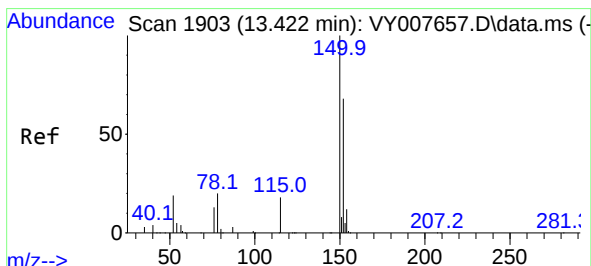
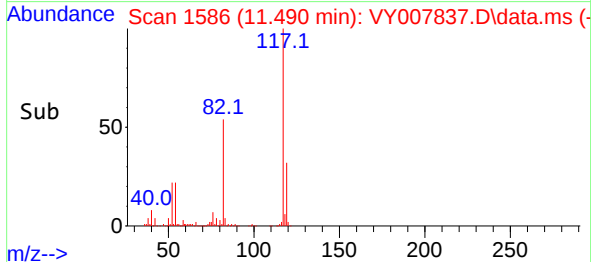
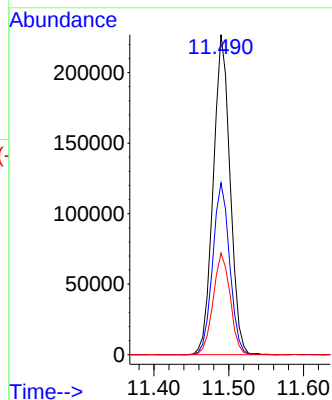
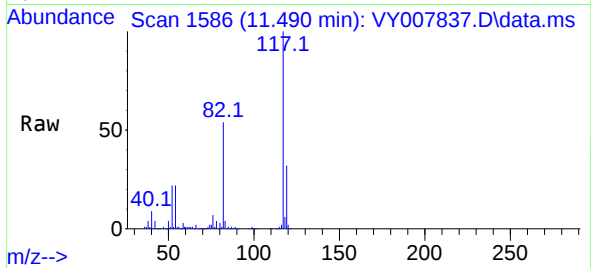




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

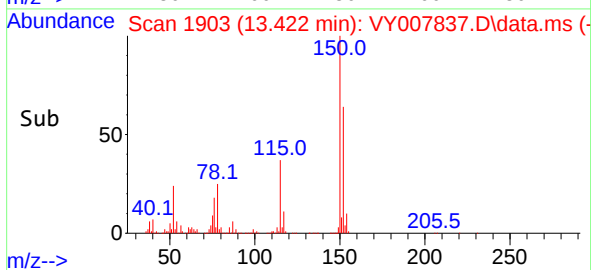
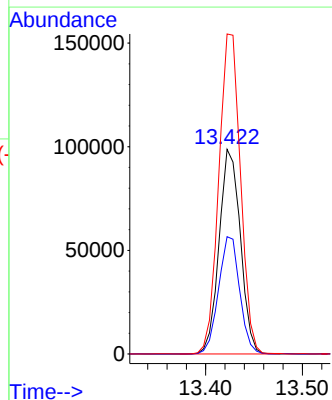
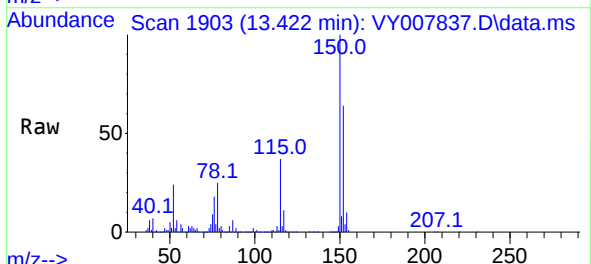
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

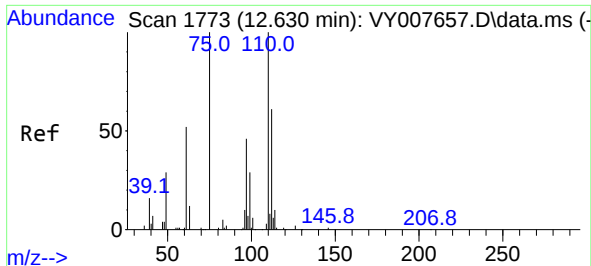
Tgt Ion:117 Resp: 355830
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion:152 Resp: 150694
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 159.7 0.0 347.6

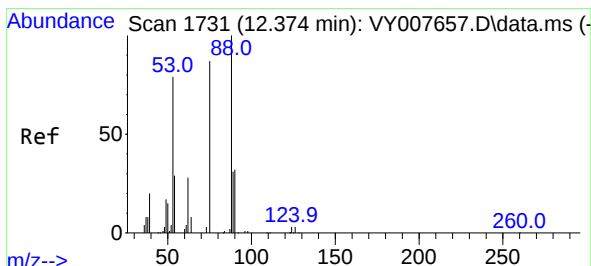
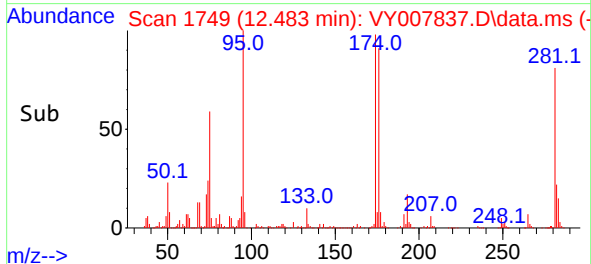
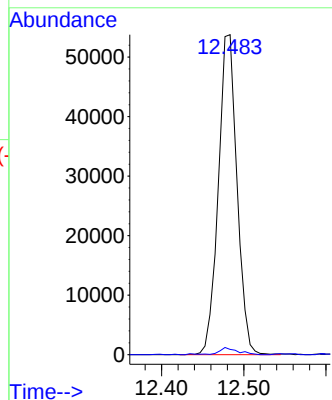
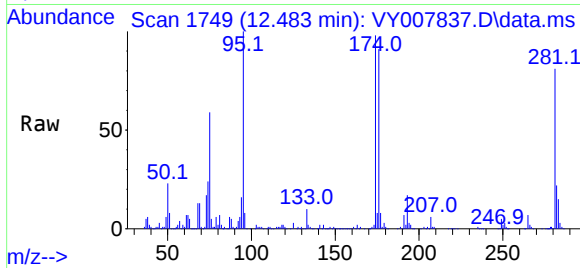




#76
1,2,3-Trichloropropane
Concen: 50.503 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25720

Tgt Ion: 75 Resp: 84991
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.247 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007837.D
Acq: 10 Mar 2022 19:53

Tgt Ion: 75 Resp: 84991
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.3 37.0 55.4#

