

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006812.D
 Acq On : 18 Nov 2021 17:20
 Operator : SY/MD
 Sample : M4766-05
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-27106

Quant Time: Nov 19 05:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

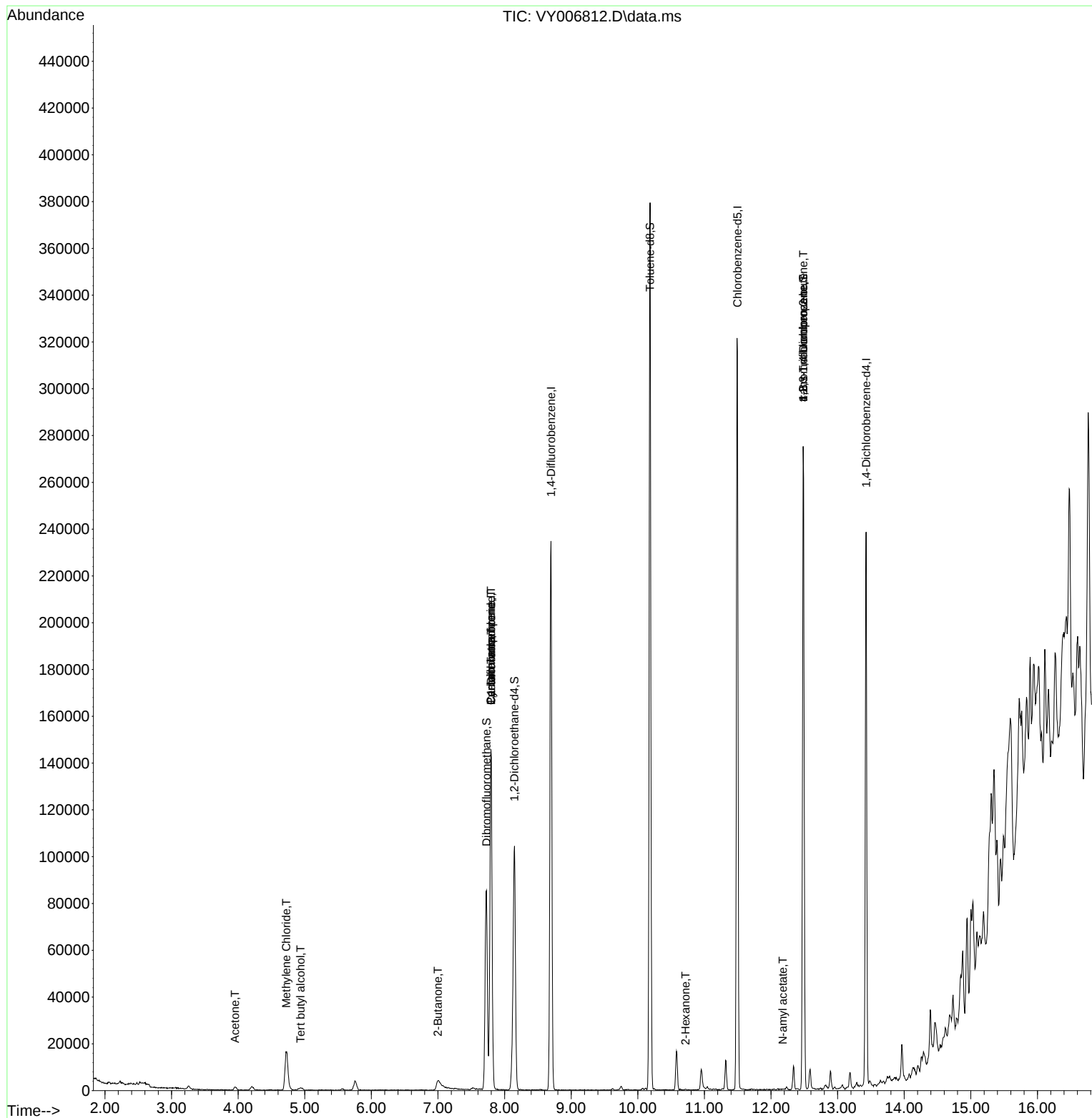
Internal Standards						
1) Pentafluorobenzene	7.795	168	108378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78183	55.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.080%	
35) Dibromofluoromethane	7.728	113	58481	51.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.185	98	229780	49.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.483	95	65641	41.711	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	925	4.330	ug/l #	72
16) Acetone	3.954	43	2450	5.677	ug/l	95
20) Methylene Chloride	4.722	84	11082	5.560	ug/l	95
25) 2-Butanone	6.996	43	475	12.222	ug/l #	52
31) Cyclohexane	7.795	56	2844	1.139	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	9677	4.848	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10828	5.303	ug/l #	17
59) 2-Hexanone	10.715	43	247	24.047	ug/l #	28
74) N-amyl acetate	12.178	43	48	3.185	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38485	64.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38485	128.644	ug/l #	7

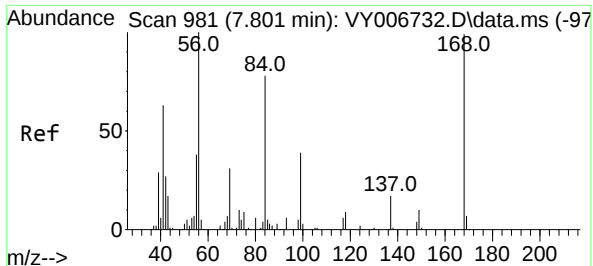
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

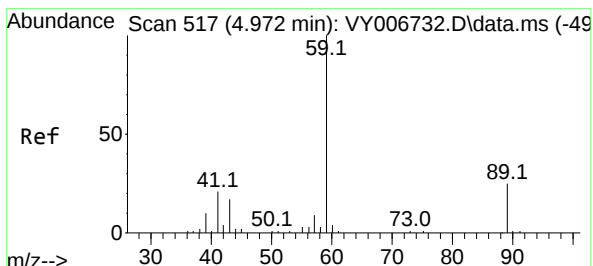
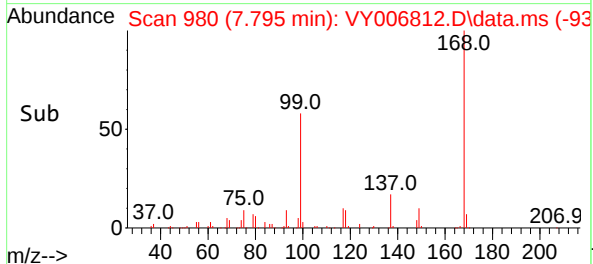
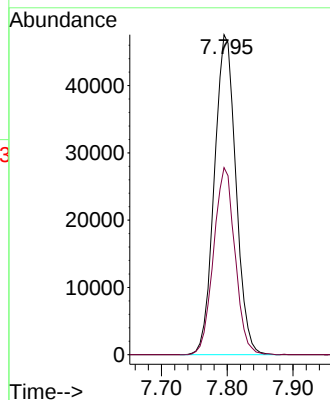
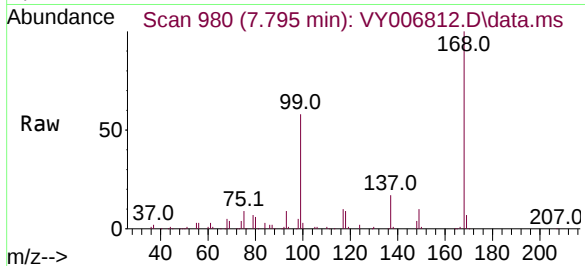




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

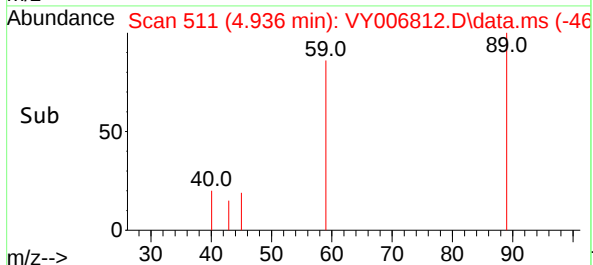
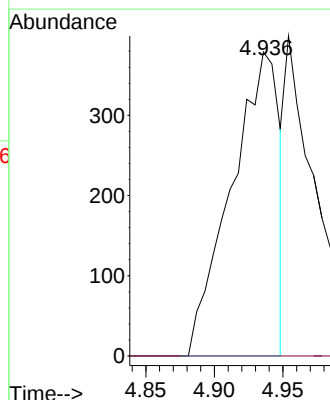
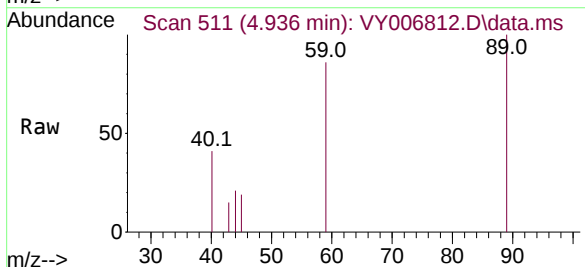
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-27106

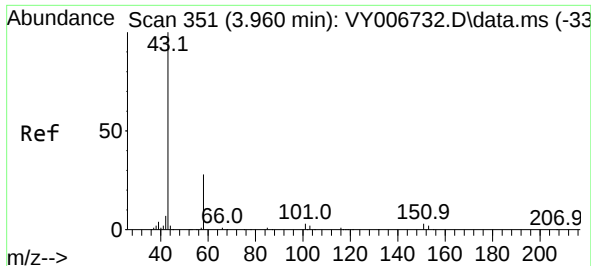
Tgt Ion:168 Resp: 108378
Ion Ratio Lower Upper
168 100
99 58.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 4.330 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 59 Resp: 925
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 5.677 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY006812.D

Acq: 18 Nov 2021 17:20

Instrument :

MSVOA_Y

ClientSampleId :

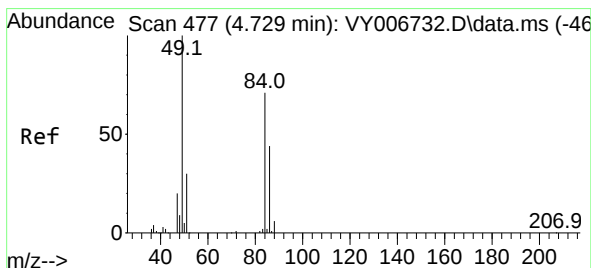
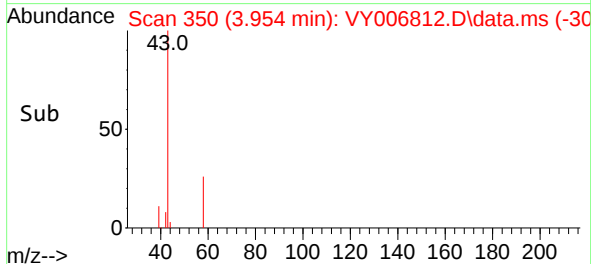
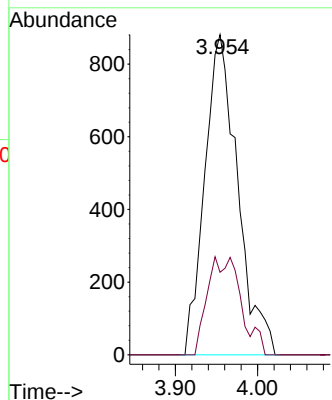
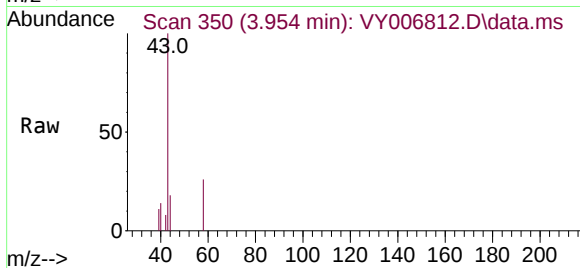
CHRT-27106

Tgt Ion: 43 Resp: 2450

Ion Ratio Lower Upper

43 100

58 25.8 22.9 34.3



#20

Methylene Chloride

Concen: 5.560 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY006812.D

Acq: 18 Nov 2021 17:20

Tgt Ion: 84 Resp: 11082

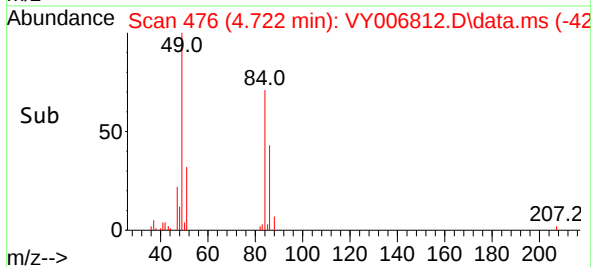
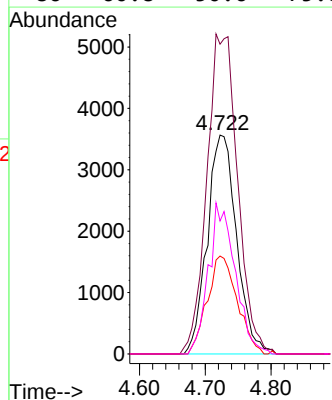
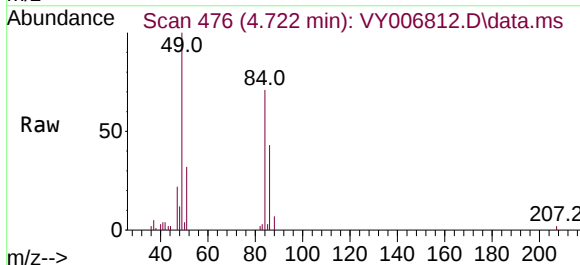
Ion Ratio Lower Upper

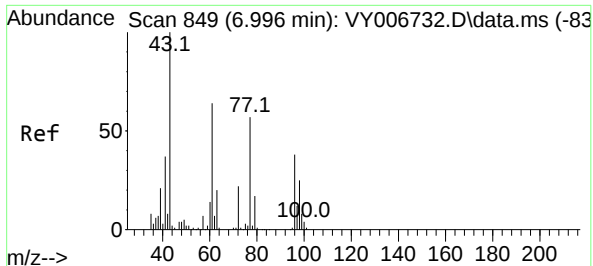
84 100

49 141.5 107.8 161.8

51 44.7 32.8 49.2

86 60.8 50.6 75.8

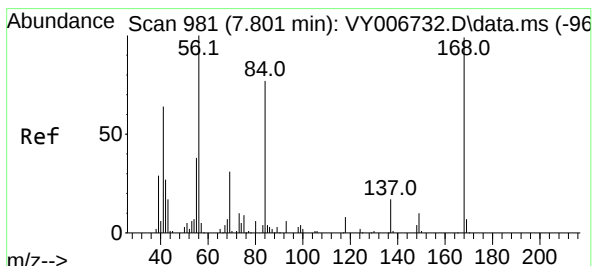
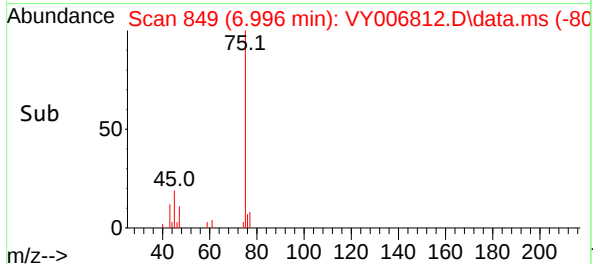
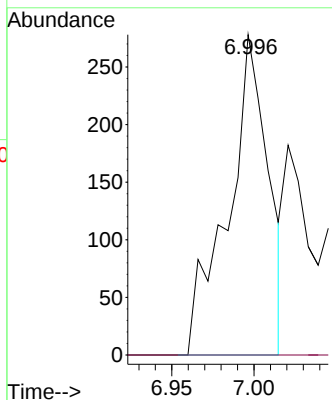
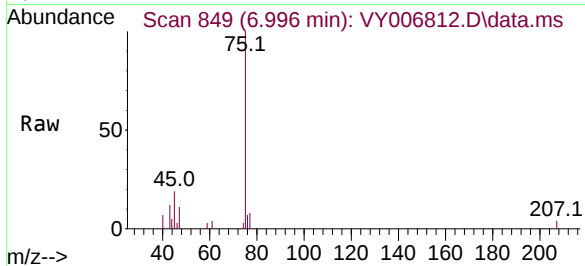




#25
2-Butanone
Concen: 12.222 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

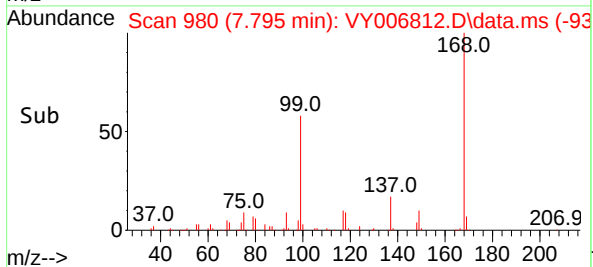
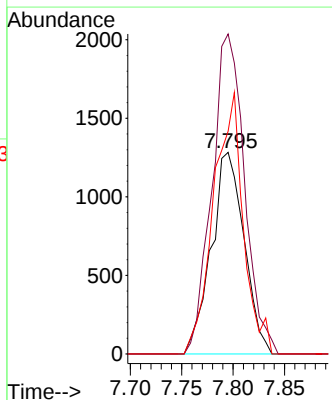
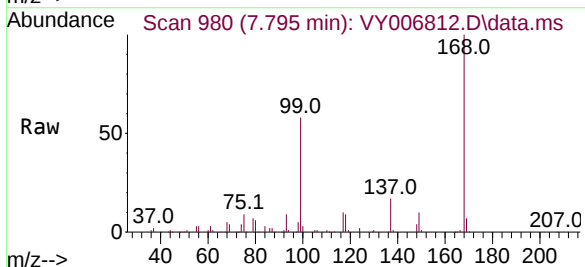
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-27106

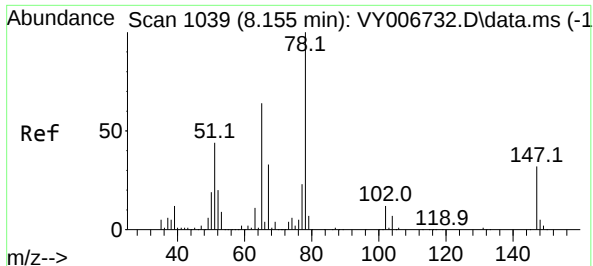
Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 56 Resp: 2844
Ion Ratio Lower Upper
56 100
69 158.8 26.6 40.0#
84 110.5 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 55.042 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006812.D

Acq: 18 Nov 2021 17:20

Instrument :

MSVOA_Y

ClientSampleId :

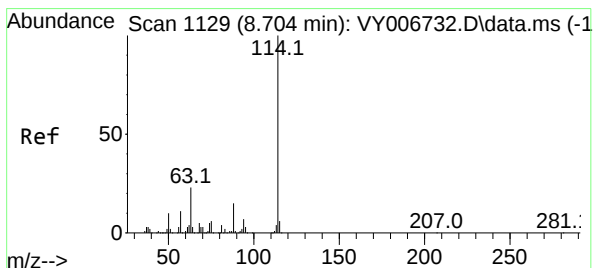
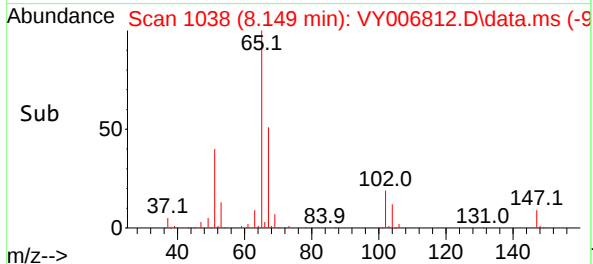
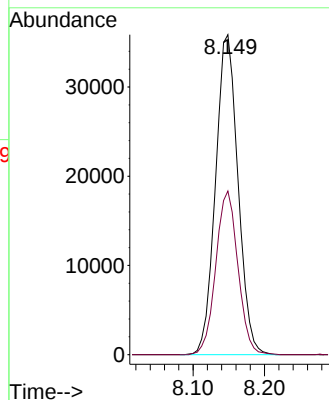
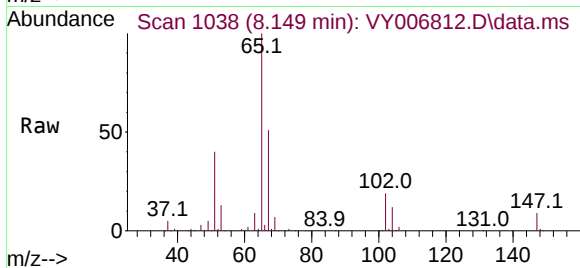
CHRT-27106

Tgt Ion: 65 Resp: 78183

Ion Ratio Lower Upper

65 100

67 50.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006812.D

Acq: 18 Nov 2021 17:20

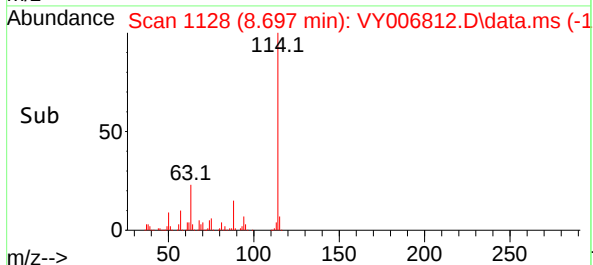
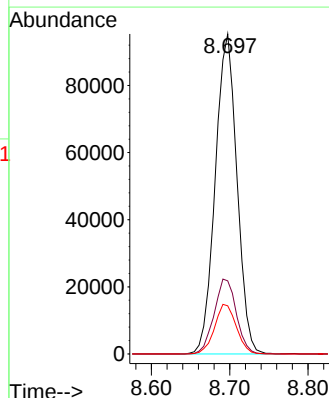
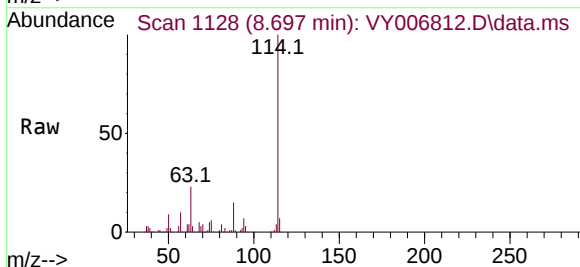
Tgt Ion: 114 Resp: 183652

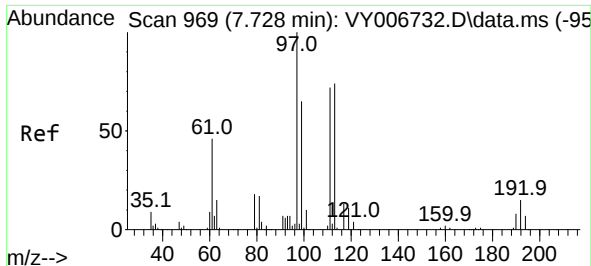
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 15.1 0.0 30.6

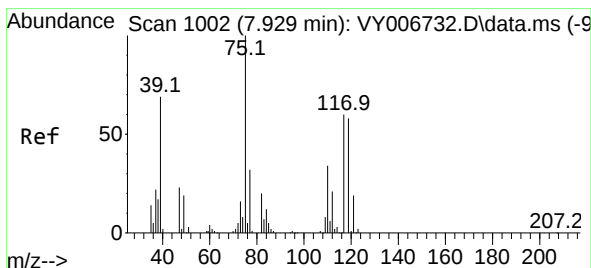
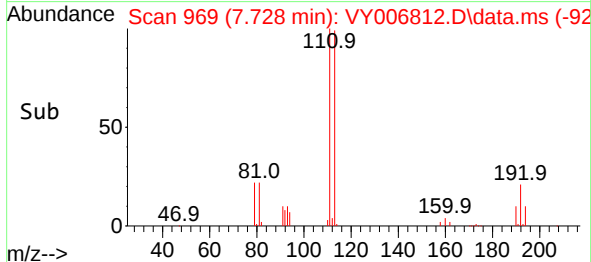
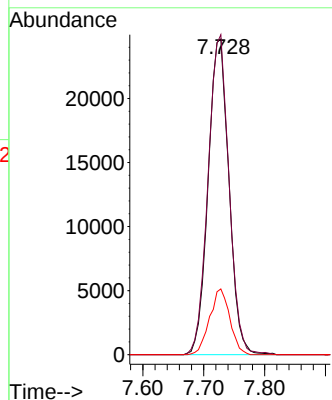
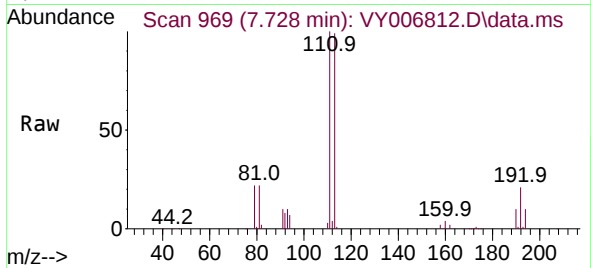




#35
Dibromofluoromethane
Concen: 51.842 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

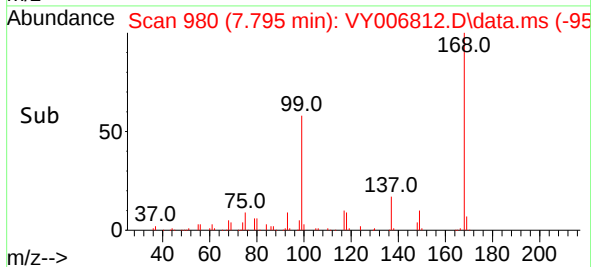
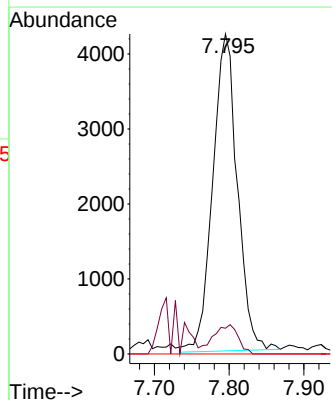
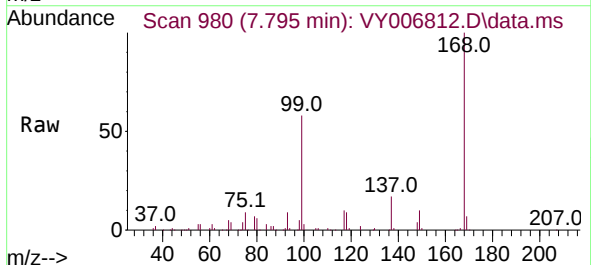
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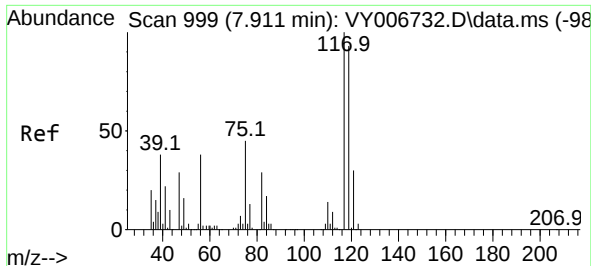
Tgt Ion:113 Resp: 58481
Ion Ratio Lower Upper
113 100
111 102.0 82.3 123.5
192 20.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.848 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 75 Resp: 9677
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.3#
77 0.0 24.9 37.3#

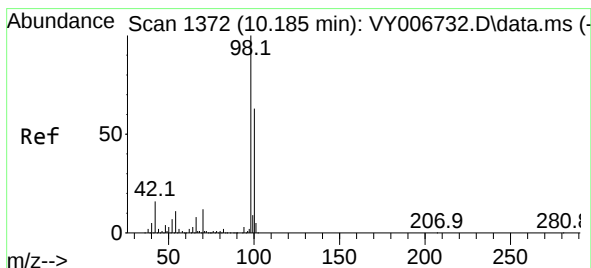
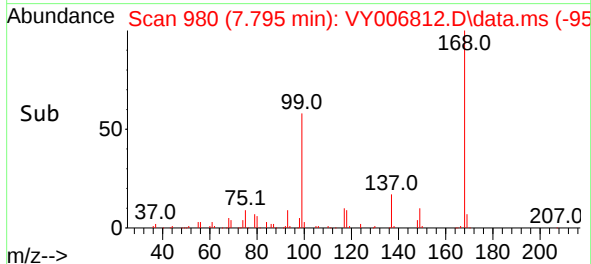
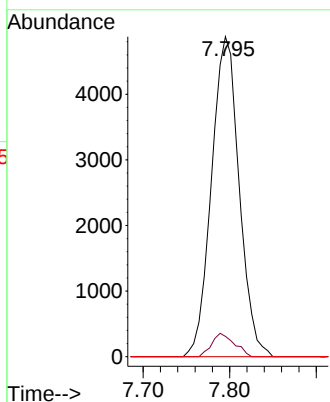
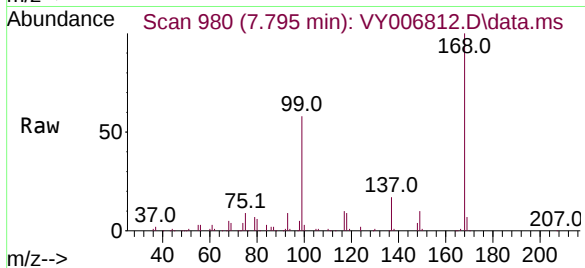




#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

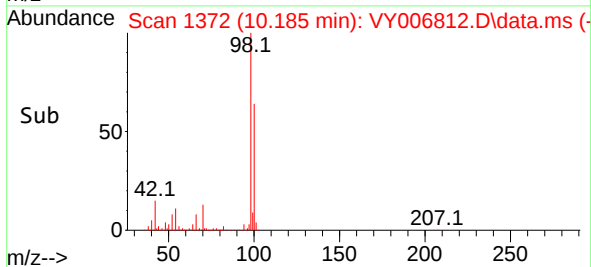
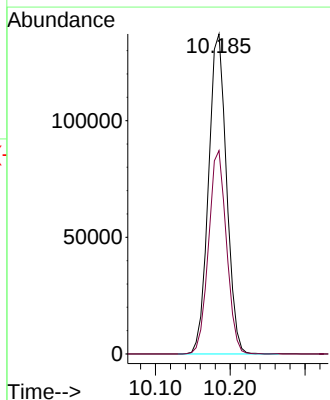
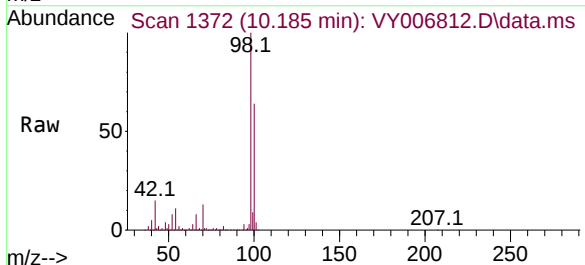
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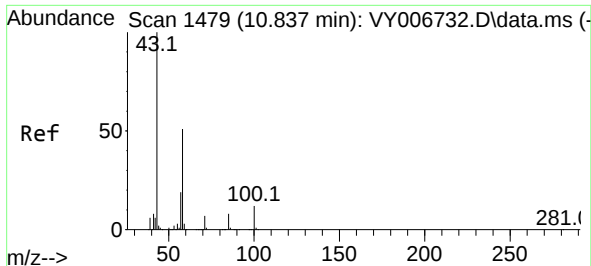
Tgt Ion:117 Resp: 10828
Ion Ratio Lower Upper
117 100
119 6.3 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.224 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 98 Resp: 229780
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

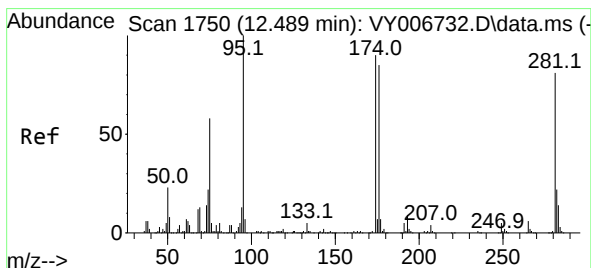
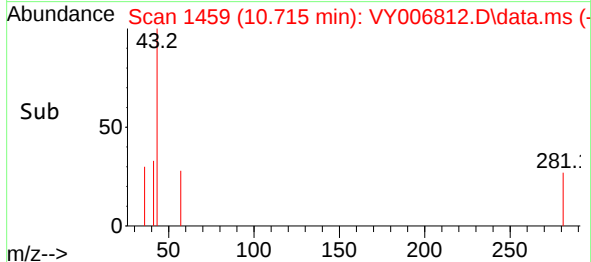
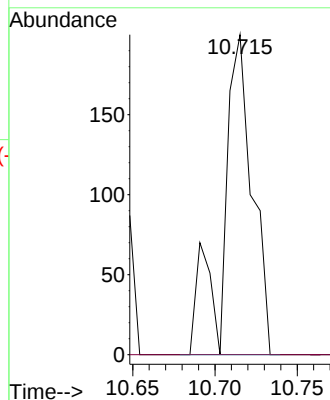
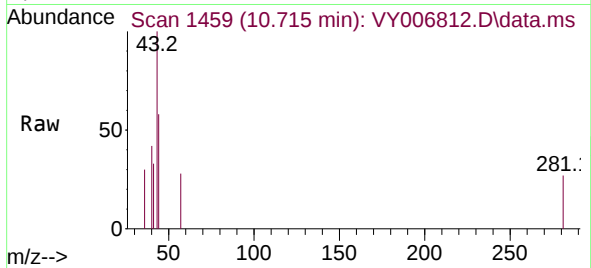




#59
2-Hexanone
Concen: 24.047 ug/l
RT: 10.715 min Scan# 1479
Delta R.T. -0.122 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

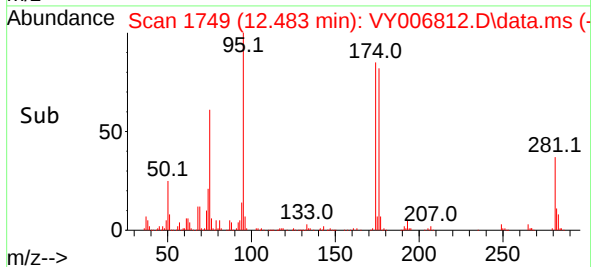
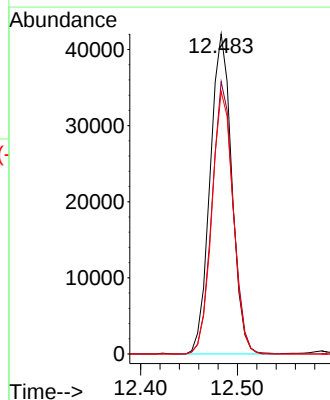
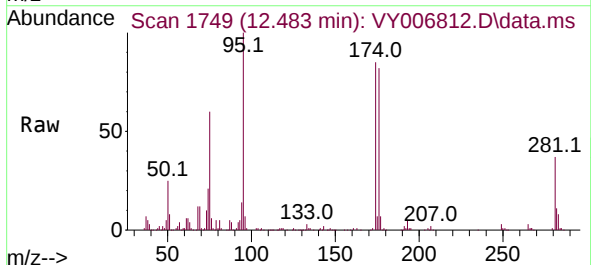
Instrument :
MSVOA_Y
ClientSampleId :
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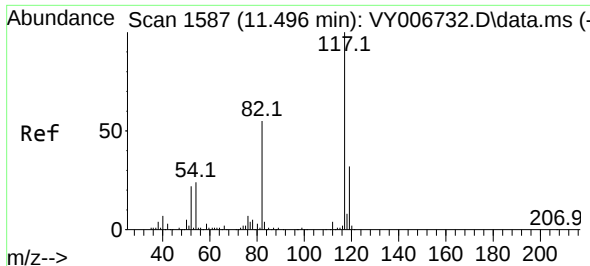
Tgt Ion: 43 Resp: 247
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 41.711 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 95 Resp: 65641
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.3 0.0 169.4

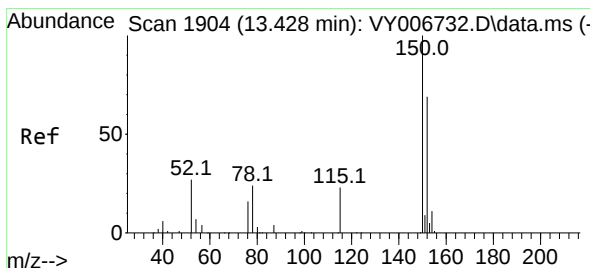
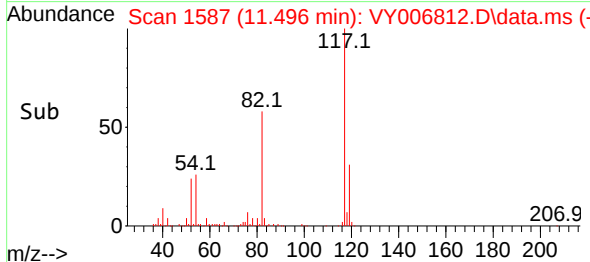
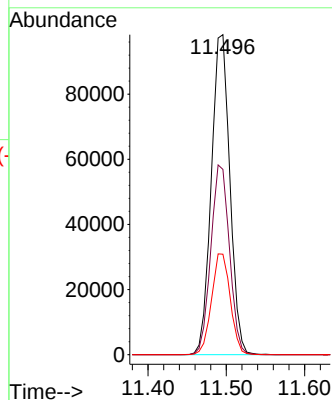
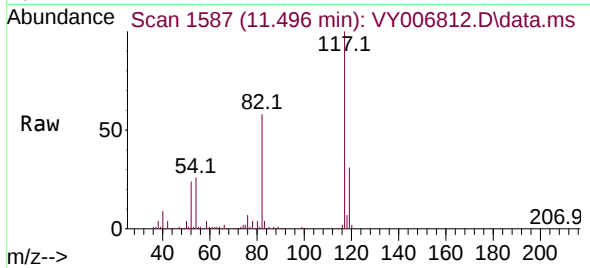




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

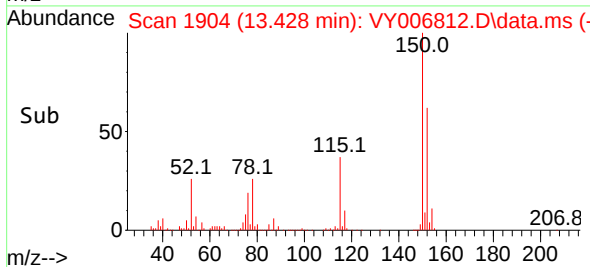
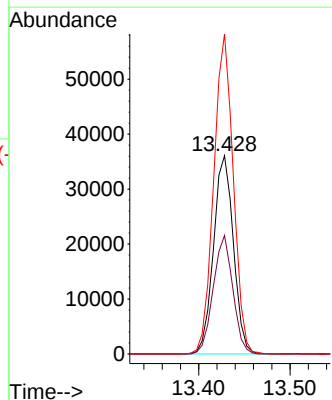
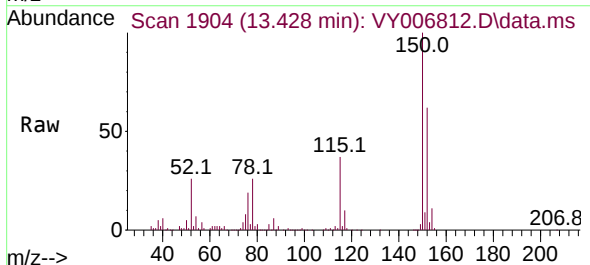
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-27106

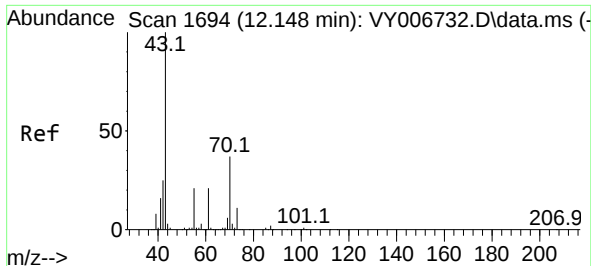
Tgt Ion:117 Resp: 161488
Ion Ratio Lower Upper
117 100
82 57.9 45.7 68.5
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

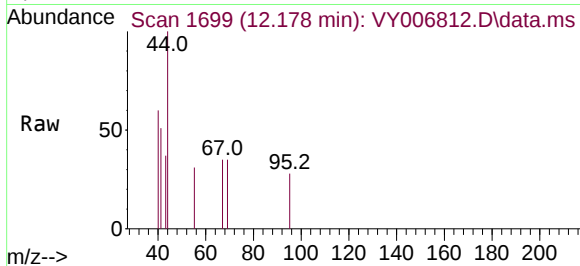
Tgt Ion:152 Resp: 54522
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 158.4 0.0 348.2



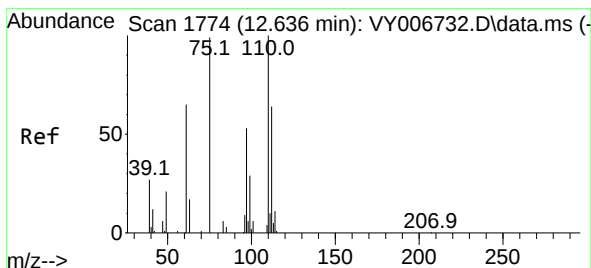
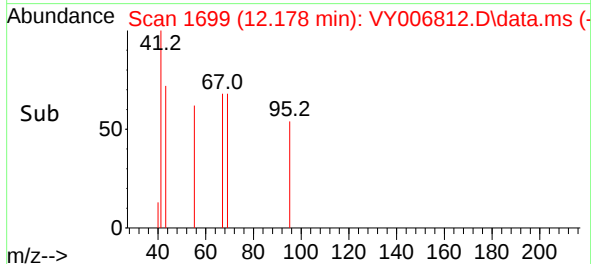
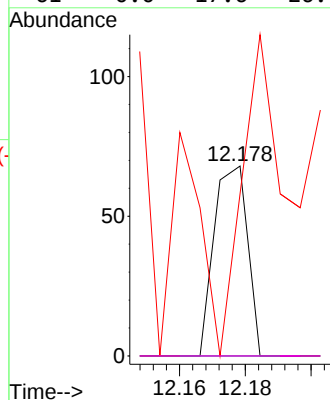


#74
N-amy1 acetate
Concen: 3.185 ug/l
RT: 12.178 min Scan# 1
Delta R.T. 0.030 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-27106

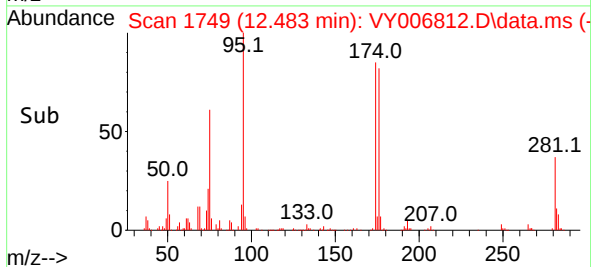
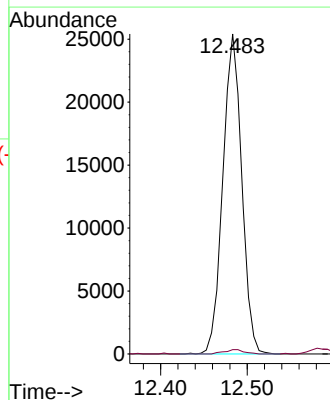
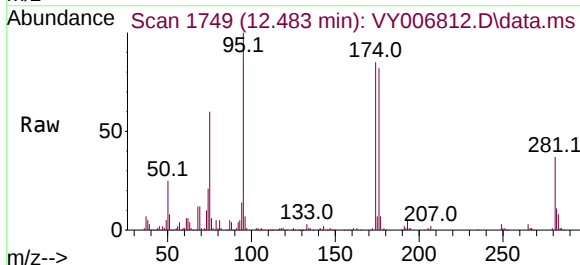


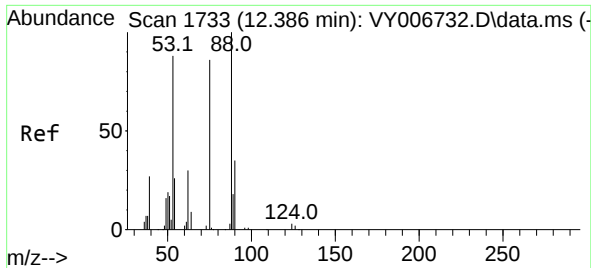
Tgt Ion: 43	Resp: 48
Ion Ratio	Lower Upper
43	100
70	0.0 29.4 44.0#
55	337.5 18.1 27.1#
61	0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 64.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006812.D
Acq: 18 Nov 2021 17:20

Tgt Ion: 75	Resp: 38485
Ion Ratio	Lower Upper
75	100
77	1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.644 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006812.D
 Acq: 18 Nov 2021 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-27106

Tgt Ion: 75 Resp: 38485
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.2 39.3 58.9#

