

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006810.D
 Acq On : 18 Nov 2021 16:33
 Operator : SY/MD
 Sample : M4766-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20058

Quant Time: Nov 19 05:34:36 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)

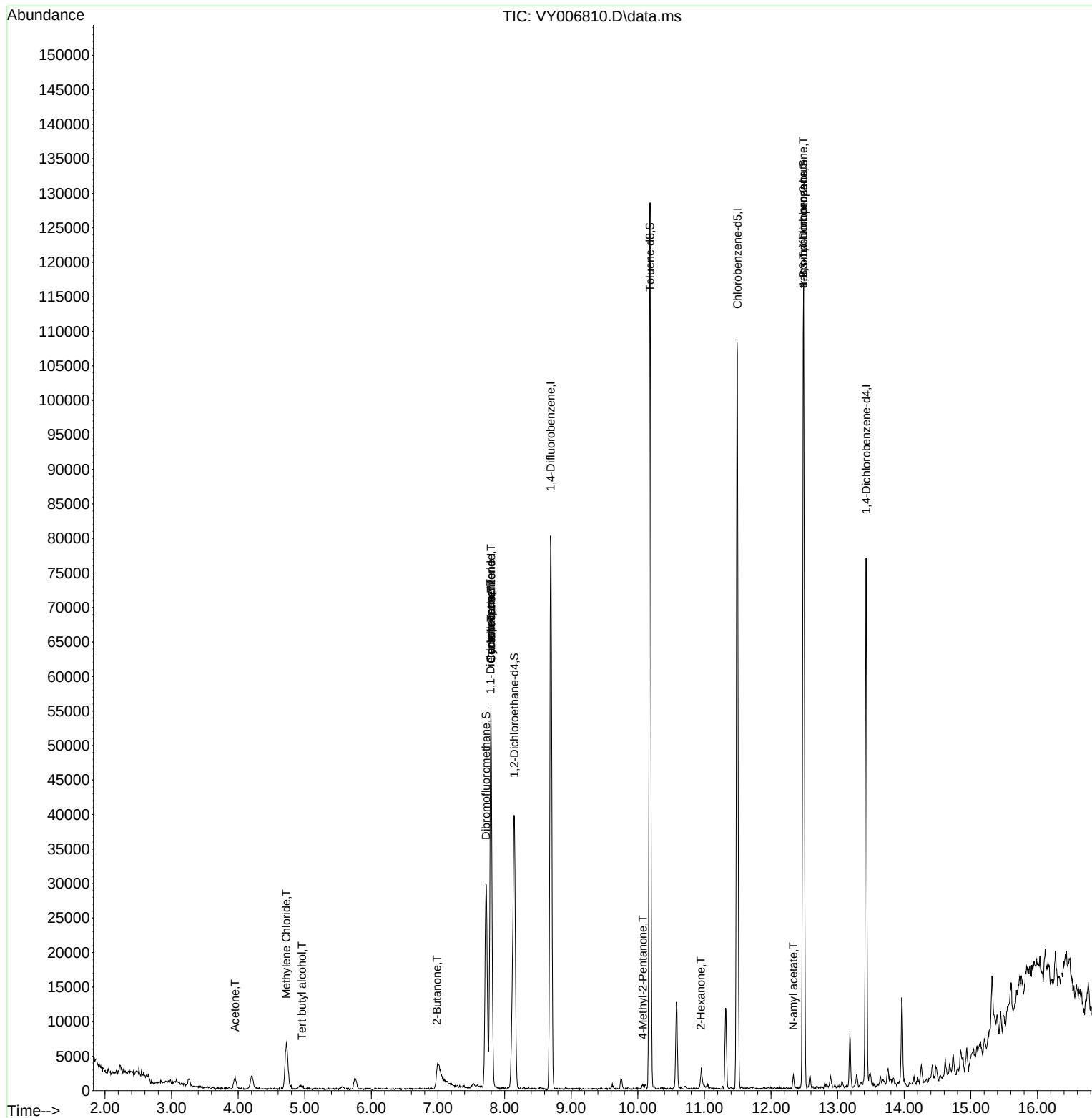
Internal Standards						
1) Pentafluorobenzene	7.795	168	40041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	64133	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	53502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	27642	52.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.340%	
35) Dibromofluoromethane	7.722	113	20095	51.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.185	98	80184	49.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.483	95	20623	37.527	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	866	10.973	ug/l #	72
16) Acetone	3.954	43	3194	20.032	ug/l	94
20) Methylene Chloride	4.722	84	4524	6.530	ug/l	95
25) 2-Butanone	6.984	43	474	13.451	ug/l #	52
31) Cyclohexane	7.795	56	1023	1.109	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	4090	5.867	ug/l #	50
38) Carbon Tetrachloride	7.795	117	4117	5.774	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	579	1.257	ug/l #	79
59) 2-Hexanone	10.947	43	40	23.923	ug/l	99
74) N-amyl acetate	12.337	43	68	3.287	ug/l #	36
76) 1,2,3-Trichloropropane	12.483	75	11870	62.114	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11870	123.077	ug/l #	7

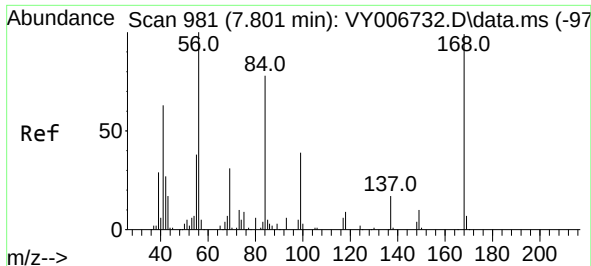
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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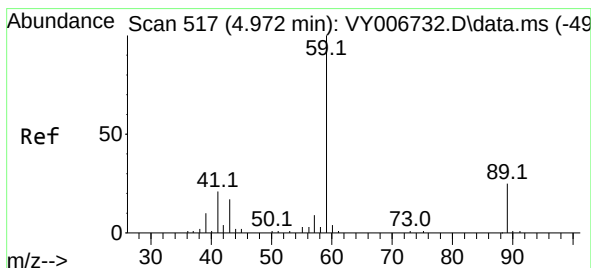
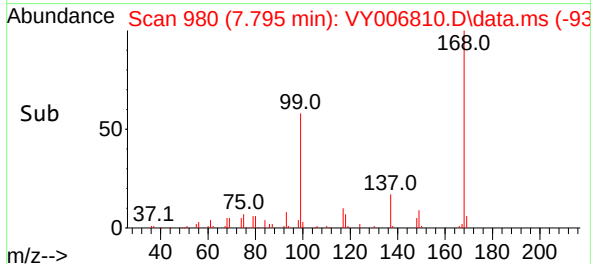
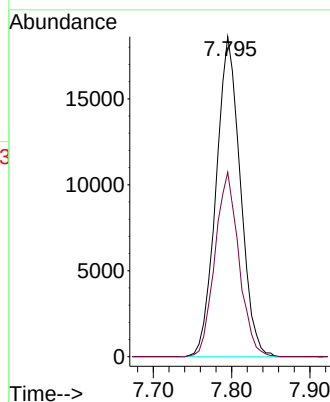
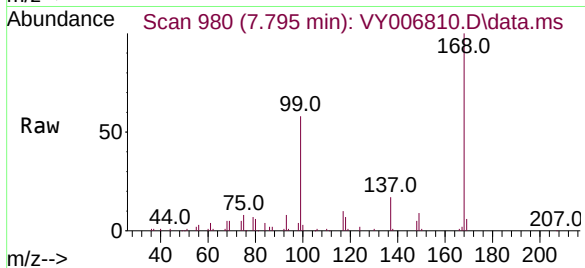




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

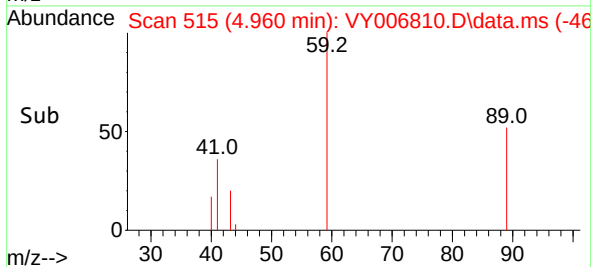
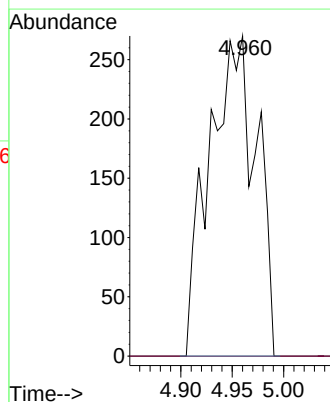
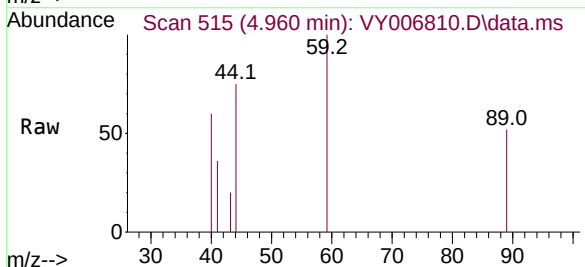
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20058

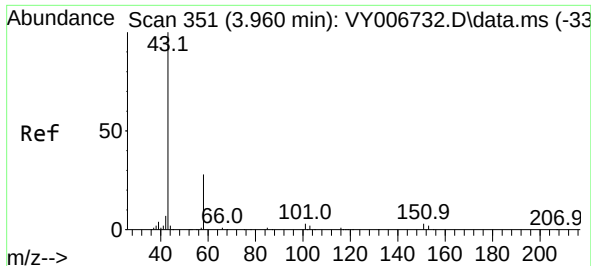
Tgt Ion:168 Resp: 40041
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 10.973 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 59 Resp: 866
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

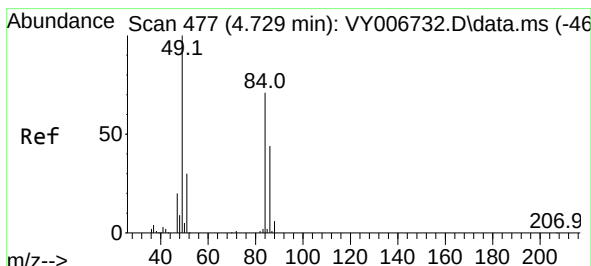
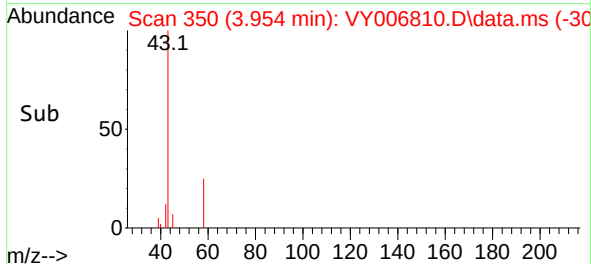
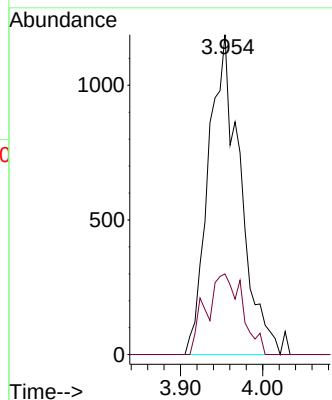
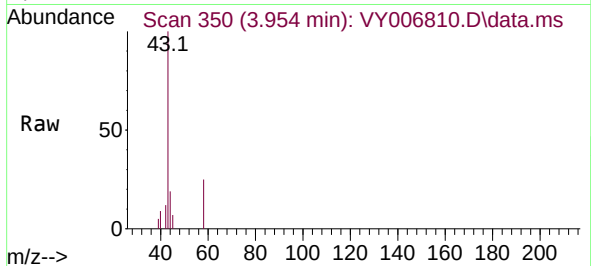




#16
Acetone
Concen: 20.032 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

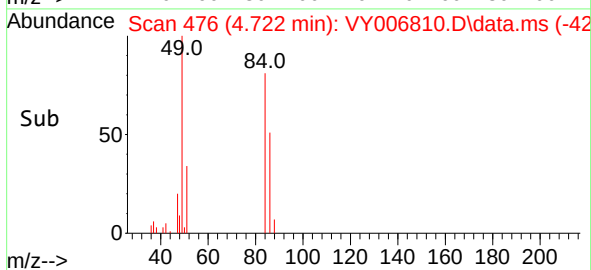
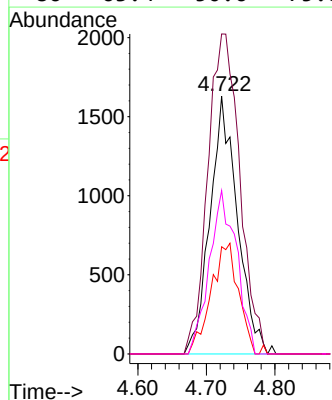
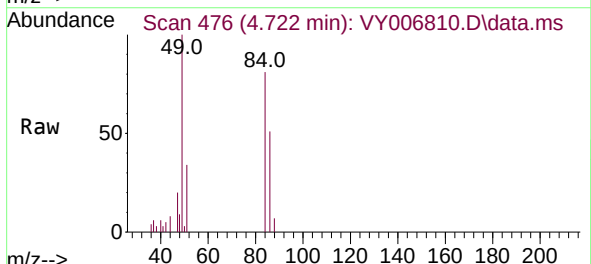
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20058

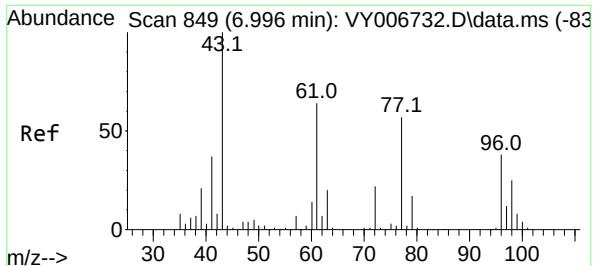
Tgt Ion: 43 Resp: 3194
Ion Ratio Lower Upper
43 100
58 25.3 22.9 34.3



#20
Methylene Chloride
Concen: 6.530 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 84 Resp: 4524
Ion Ratio Lower Upper
84 100
49 124.2 107.8 161.8
51 41.6 32.8 49.2
86 63.4 50.6 75.8





#25

2-Butanone

Concen: 13.451 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY006810.D

Acq: 18 Nov 2021 16:33

Instrument :

MSVOA_Y

ClientSampleId :

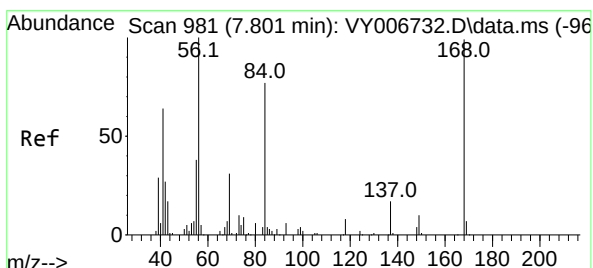
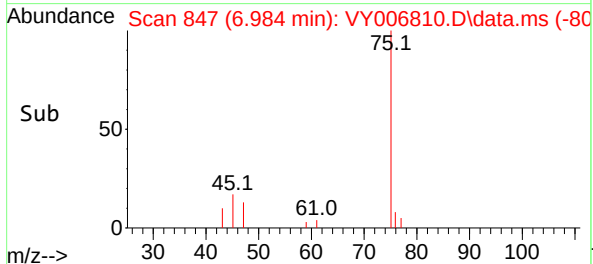
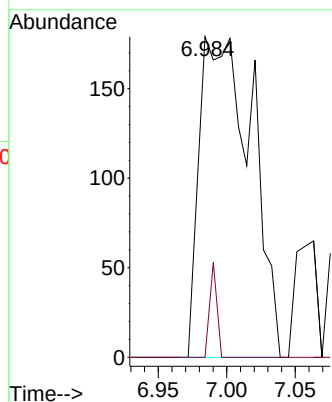
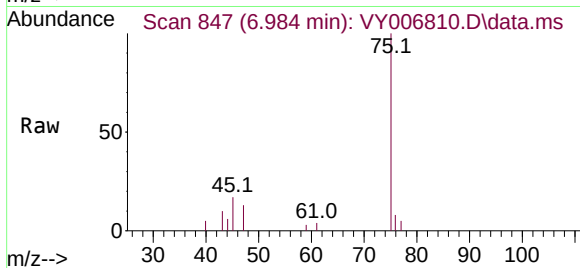
CHRT-20058

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.109 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006810.D

Acq: 18 Nov 2021 16:33

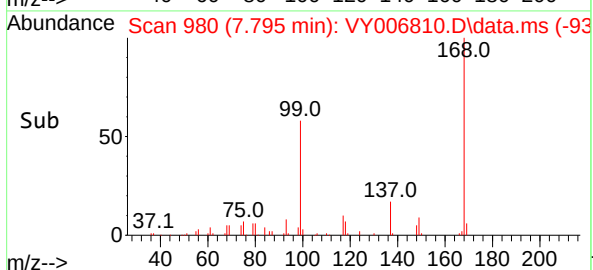
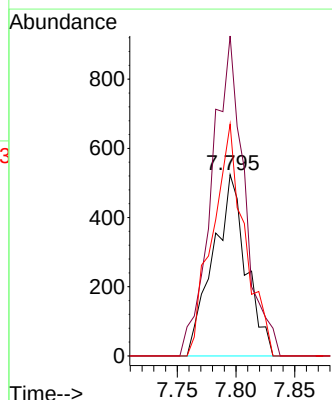
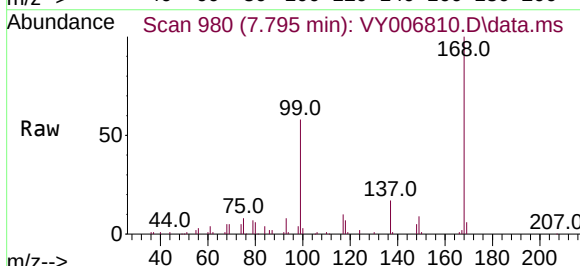
Tgt Ion: 56 Resp: 1023

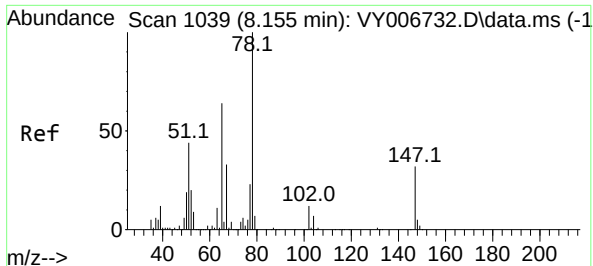
Ion Ratio Lower Upper

56 100

69 176.5 26.6 40.0#

84 127.9 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 52.673 ug/l

RT: 8.148 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY006810.D

Acq: 18 Nov 2021 16:33

Instrument :

MSVOA_Y

ClientSampleId :

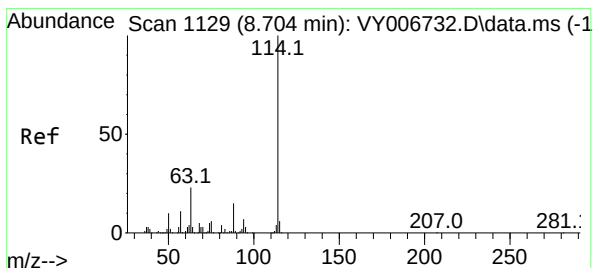
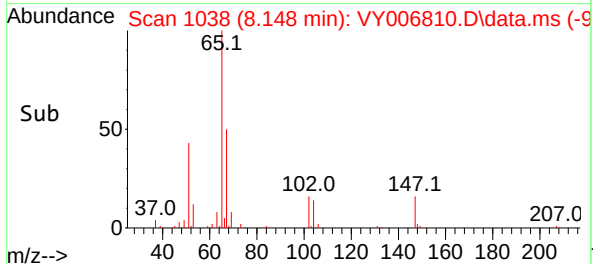
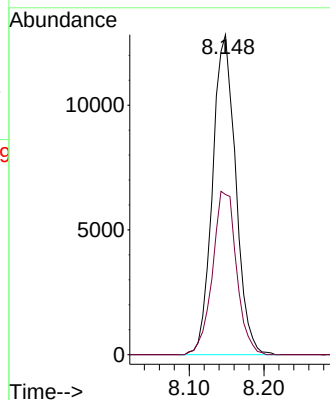
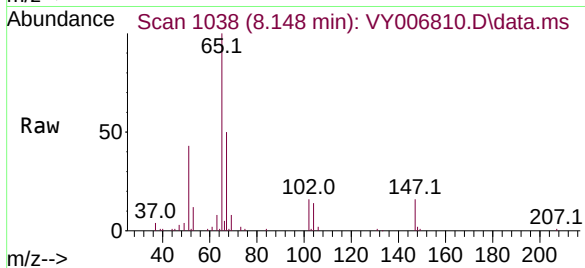
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Tgt Ion: 65 Resp: 27642

Ion Ratio Lower Upper

65 100

67 53.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY006810.D

Acq: 18 Nov 2021 16:33

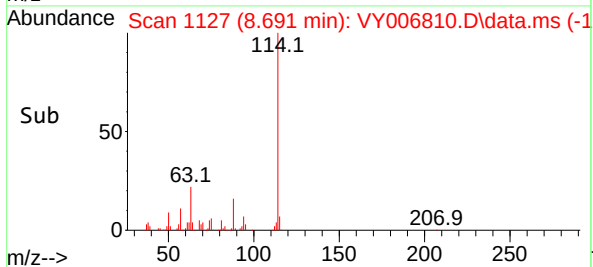
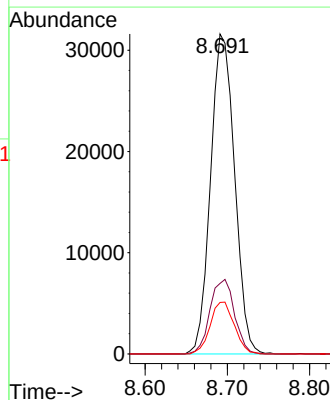
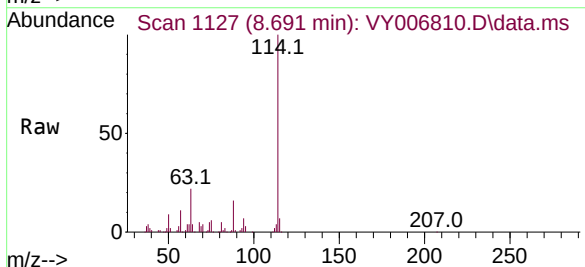
Tgt Ion:114 Resp: 64133

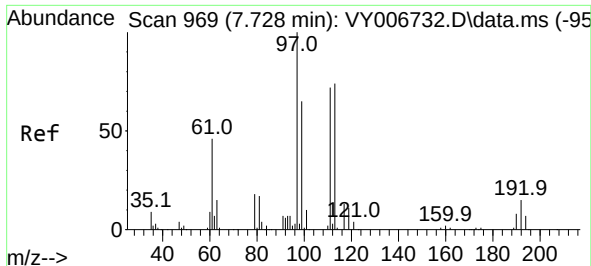
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 16.1 0.0 30.6

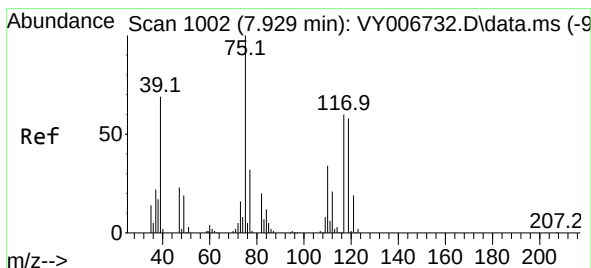
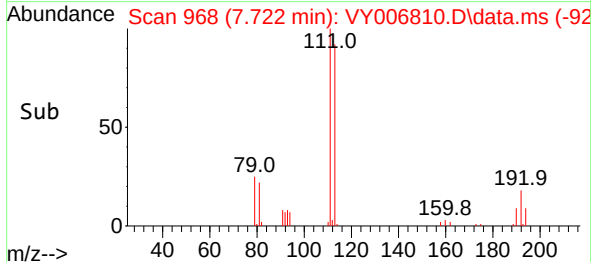
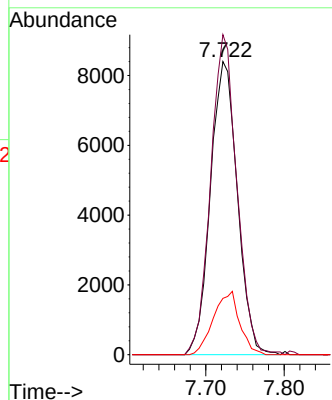
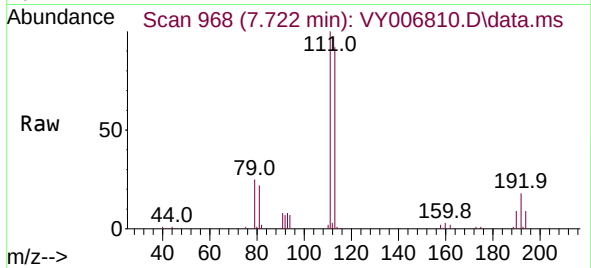




#35
Dibromofluoromethane
Concen: 51.012 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

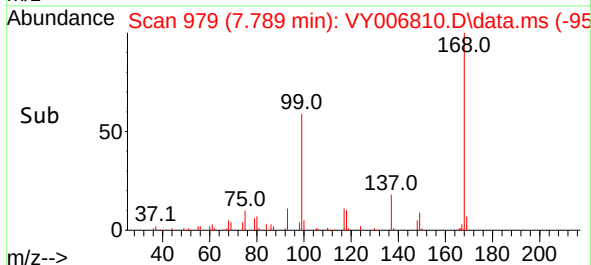
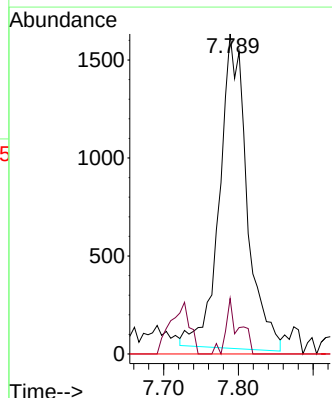
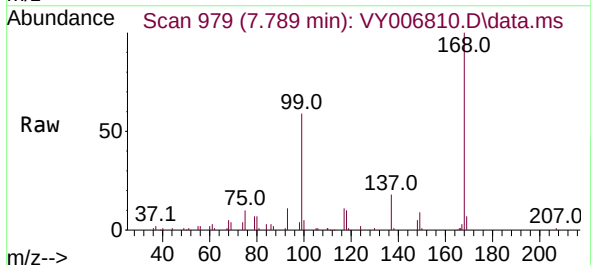
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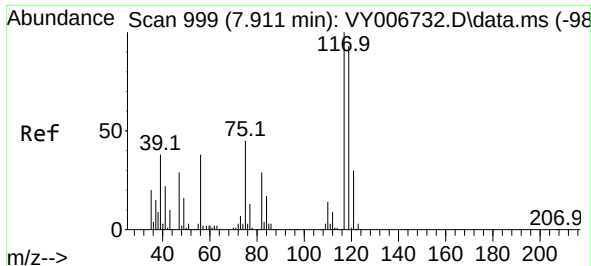
Tgt Ion:113 Resp: 20095
Ion Ratio Lower Upper
113 100
111 106.0 82.3 123.5
192 20.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.867 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 75 Resp: 4090
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#

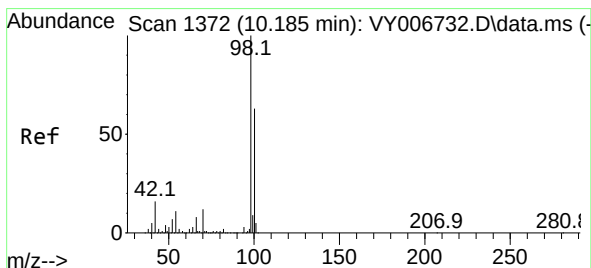
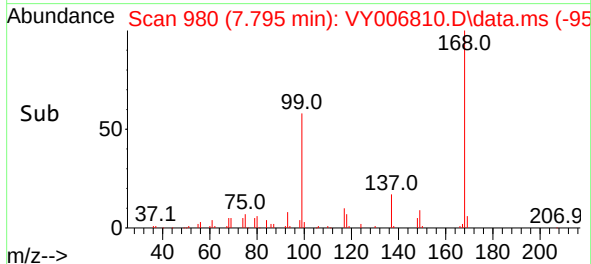
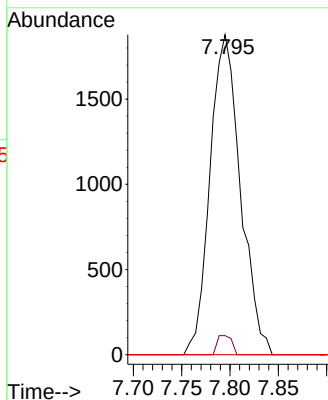
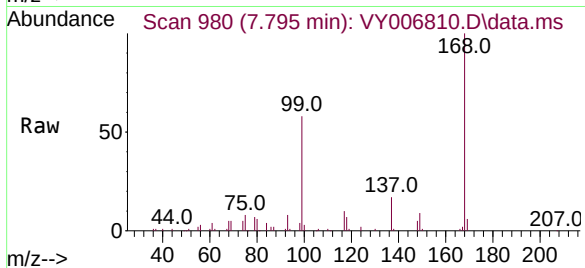




#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

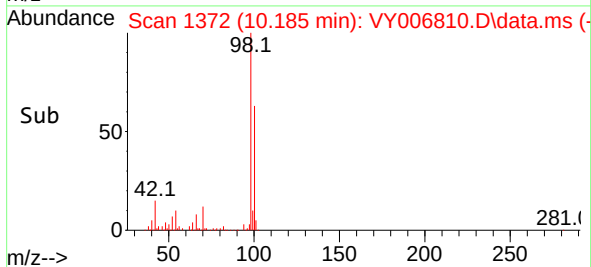
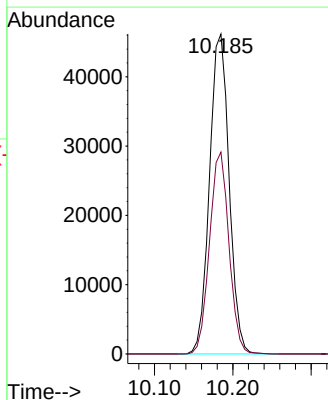
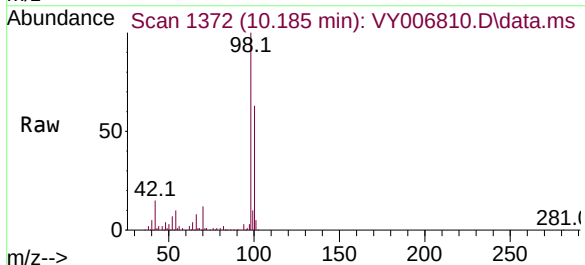
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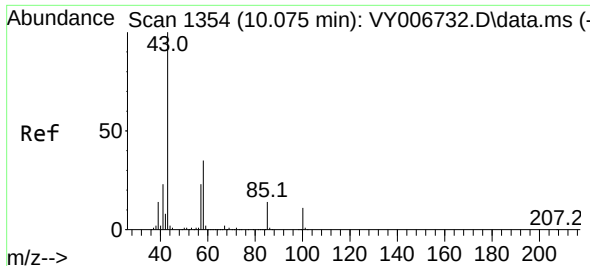
Tgt Ion:117 Resp: 4117
Ion Ratio Lower Upper
117 100
119 6.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.189 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 98 Resp: 80184
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

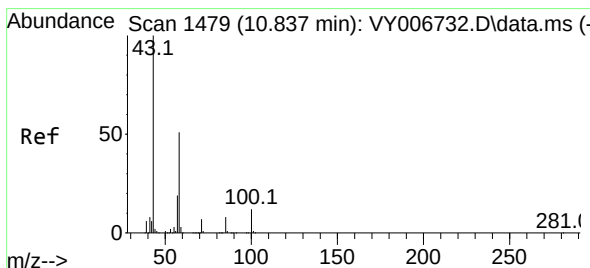
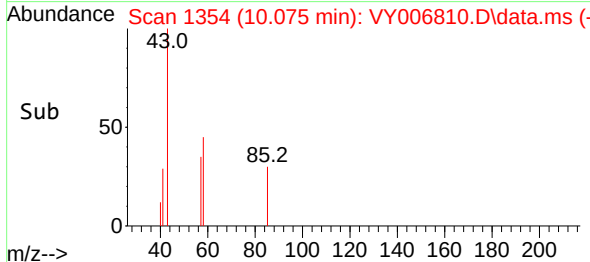
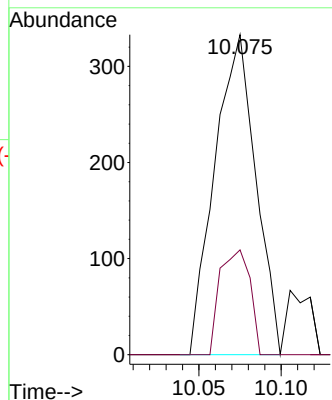
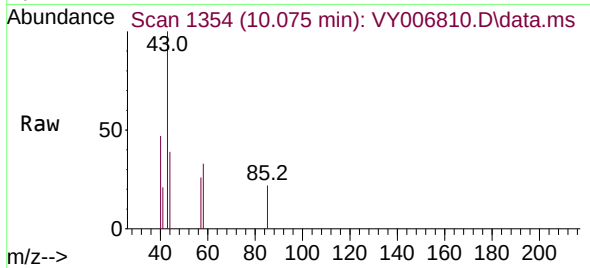




#51
4-Methyl-2-Pentanone
Concen: 1.257 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

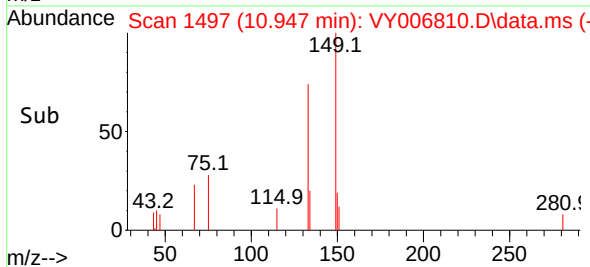
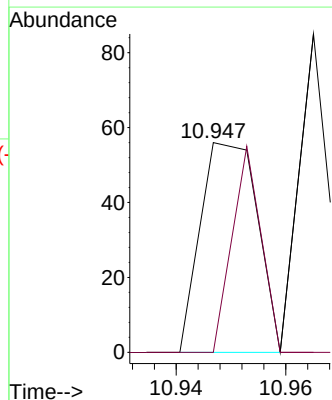
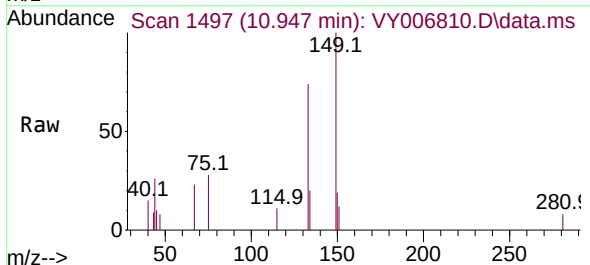
Instrument :
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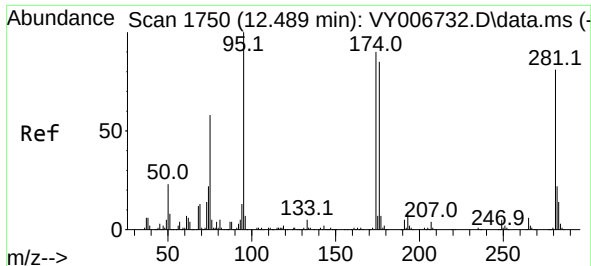
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 23.8 28.7 43.1#



#59
2-Hexanone
Concen: 23.923 ug/l
RT: 10.947 min Scan# 1497
Delta R.T. 0.110 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6

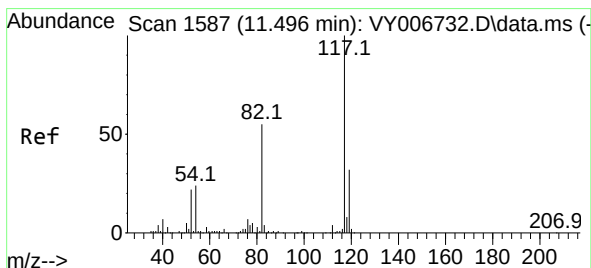
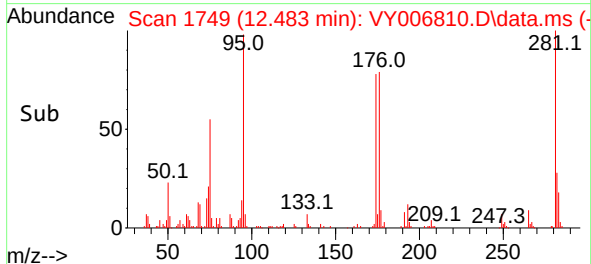
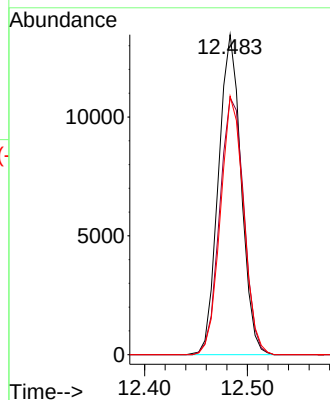
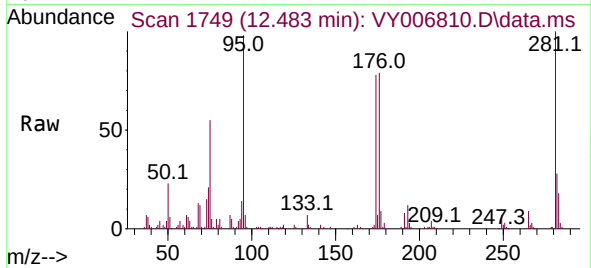




#62
4-Bromofluorobenzene
Concen: 37.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

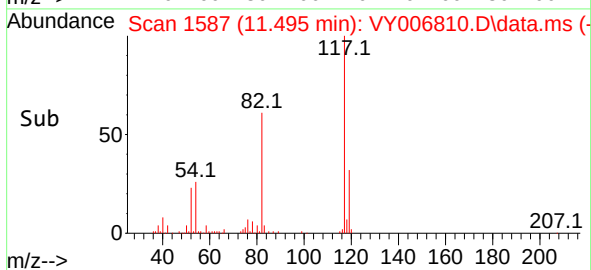
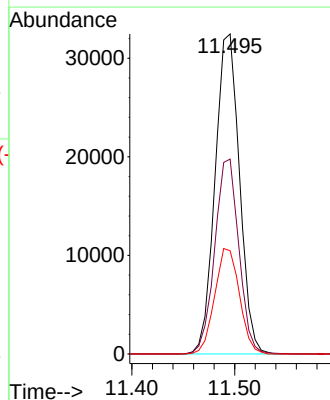
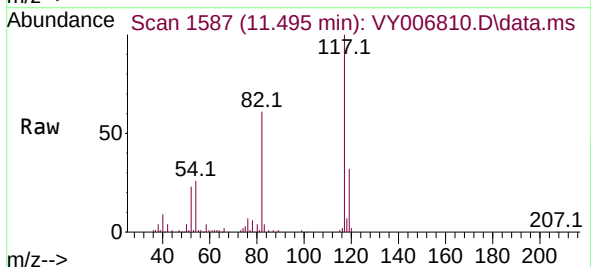
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20058

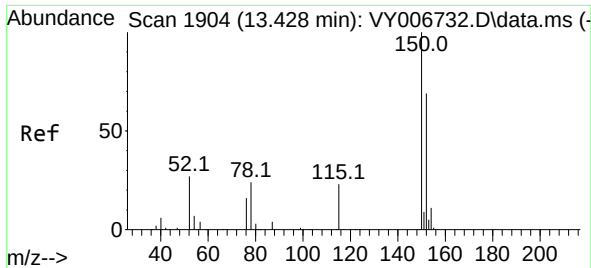
Tgt Ion: 95 Resp: 20623
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 117 Resp: 53502
Ion Ratio Lower Upper
117 100
82 60.9 45.7 68.5
119 32.3 25.5 38.3

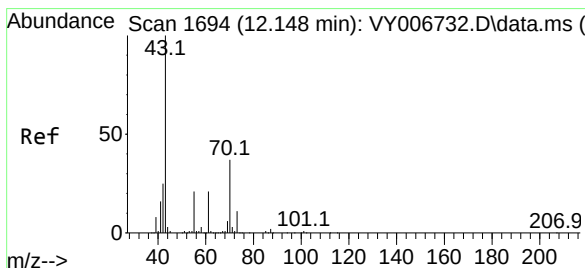
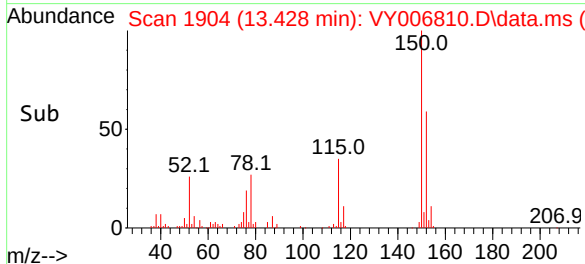
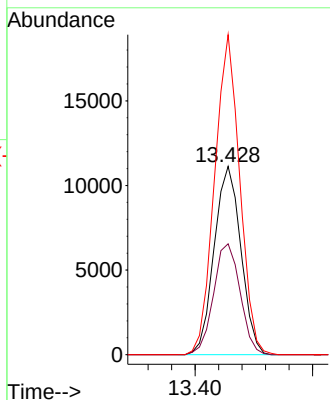
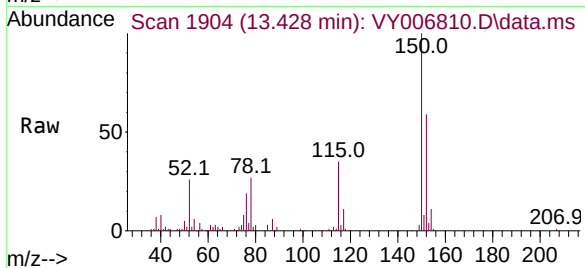




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

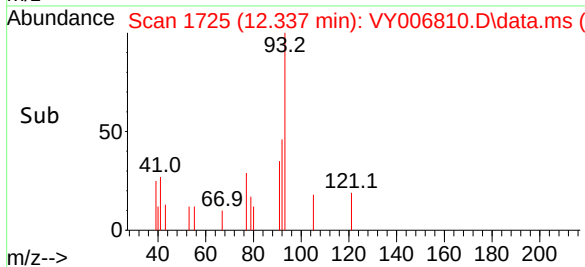
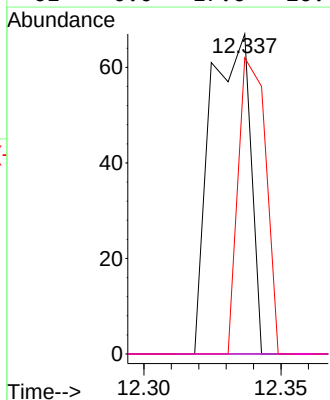
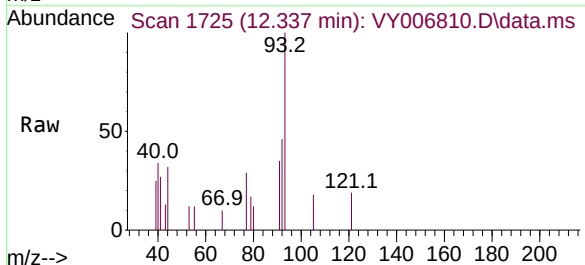
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20058

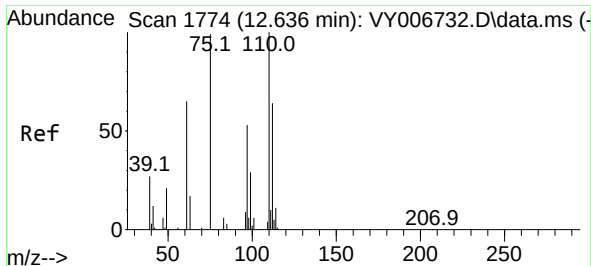
Tgt Ion:152 Resp: 17577
Ion Ratio Lower Upper
152 100
115 58.6 28.5 85.5
150 159.8 0.0 348.2



#74
N-ethyl acetate
Concen: 3.287 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.189 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 63.2 18.1 27.1#
61 0.0 17.6 26.4#

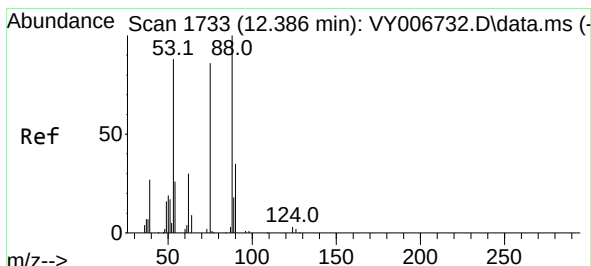
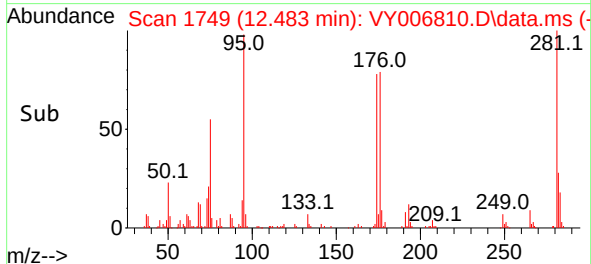
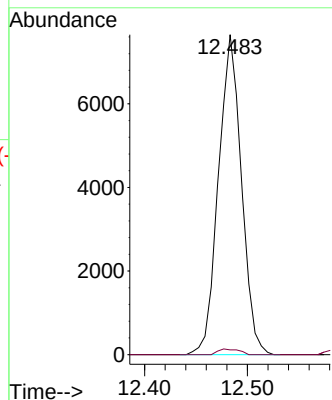
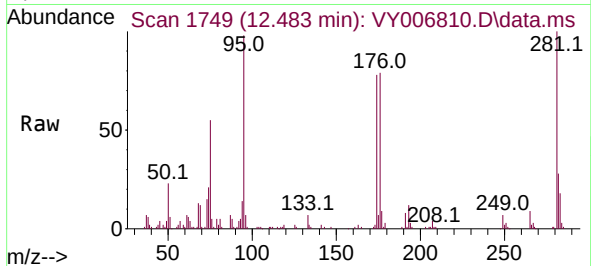




#76
1,2,3-Trichloropropane
Concen: 62.114 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20058

Tgt Ion: 75 Resp: 11870
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006810.D
Acq: 18 Nov 2021 16:33

Tgt Ion: 75 Resp: 11870
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.0 39.3 58.9#

