

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007086.D
 Acq On : 08 Jan 2022 18:16
 Operator : SY/MD
 Sample : N1070-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-010622

Quant Time: Jan 10 03:41:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

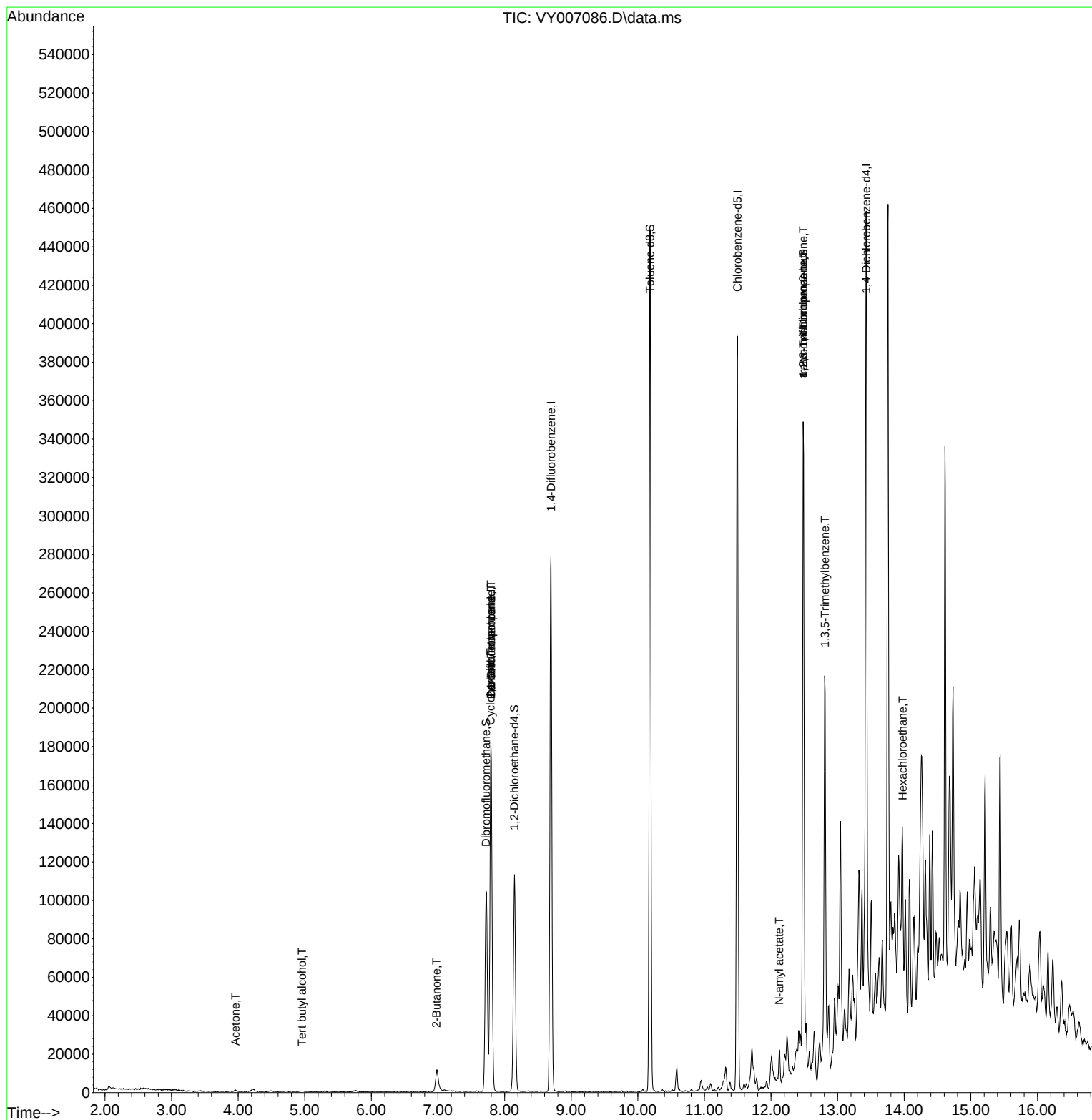
Internal Standards						
1) Pentafluorobenzene	7.795	168	132937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	212953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88693	55.769	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.540%			
35) Dibromofluoromethane	7.722	113	77715	49.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.780%			
50) Toluene-d8	10.185	98	285976	49.199	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.400%			
62) 4-Bromofluorobenzene	12.483	95	103205	49.231	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.460%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	566	4.464	ug/l #	73
16) Acetone	3.960	43	1221	4.092	ug/l #	67
20) Methylene Chloride	4.716	84	257	Below Cal	#	52
25) 2-Butanone	6.978	43	872	1.891	ug/l #	47
31) Cyclohexane	7.789	56	3183	1.163	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	11736	4.707	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14497	5.564	ug/l #	15
74) N-amyl acetate	12.124	43	3982	2.040	ug/l #	56
76) 1,2,3-Trichloropropane	12.483	75	55108	53.588	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	6834	1.084	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	55108	100.652	ug/l #	4
90) Hexachloroethane	13.977	117	2306	1.756	ug/l #	16

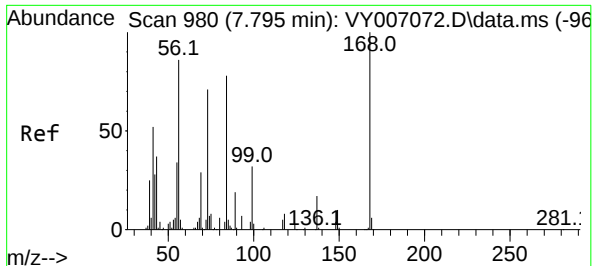
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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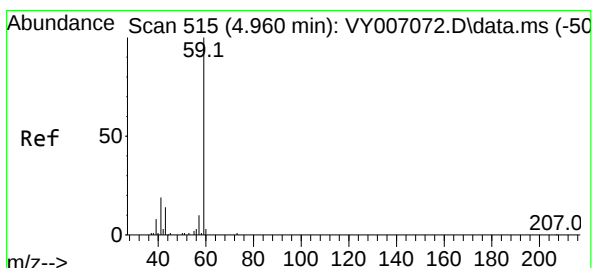
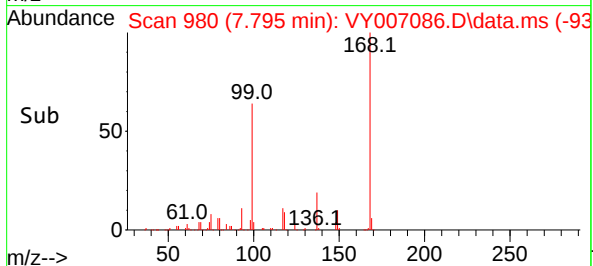
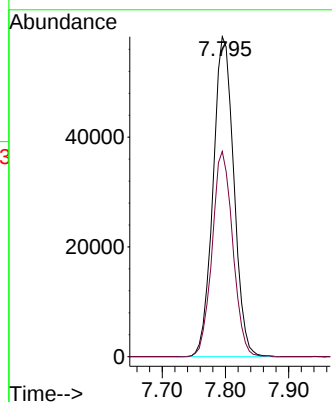
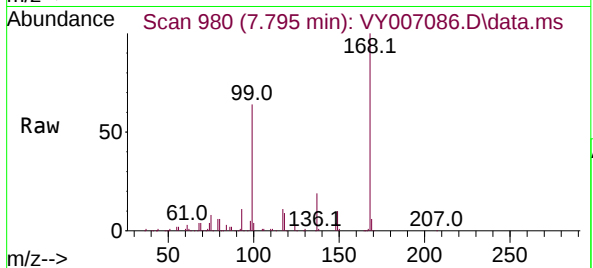




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

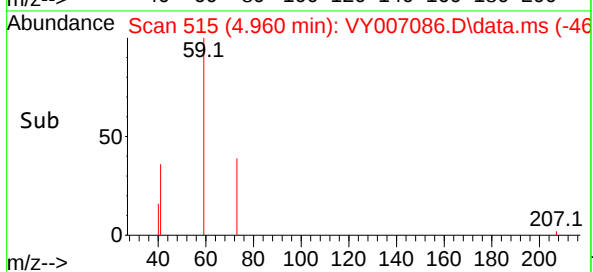
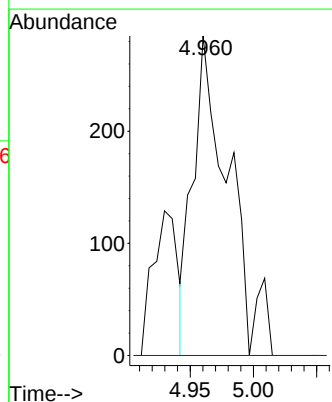
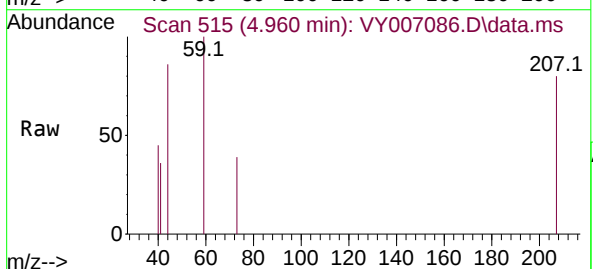
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

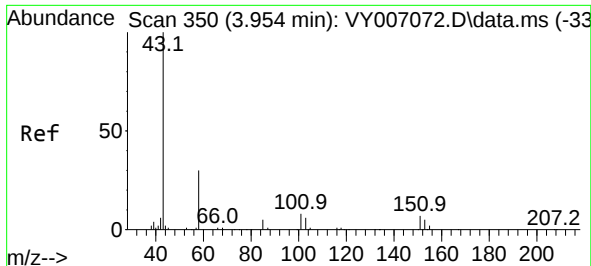
Tgt Ion:168 Resp: 132937
Ion Ratio Lower Upper
168 100
99 64.1 49.1 73.7



#11
Tert butyl alcohol
Concen: 4.464 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Tgt Ion: 59 Resp: 566
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

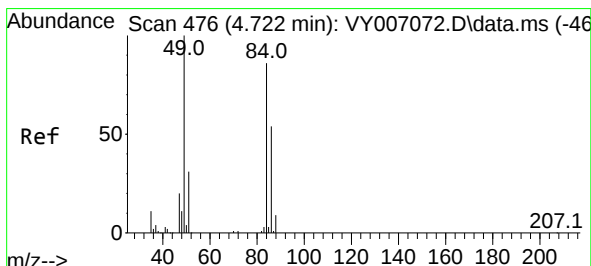
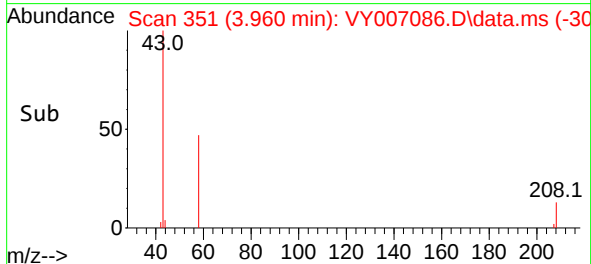
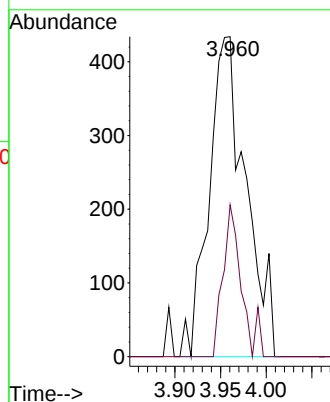
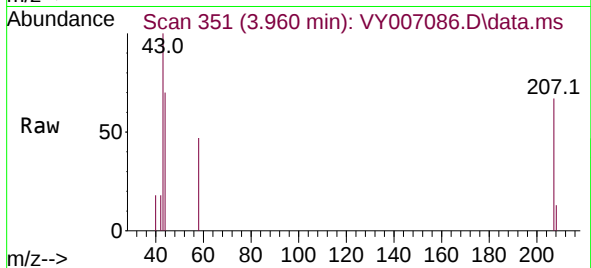




#16
Acetone
Concen: 4.092 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

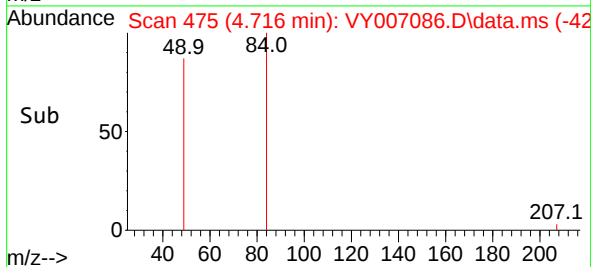
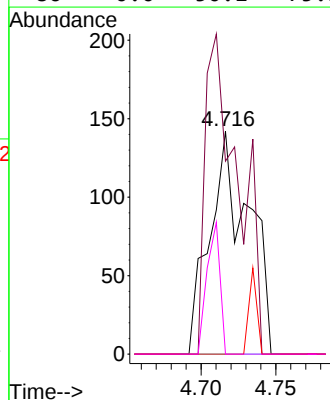
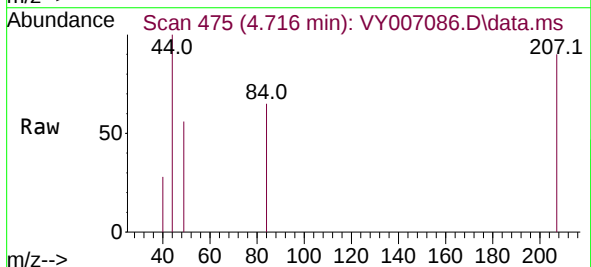
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

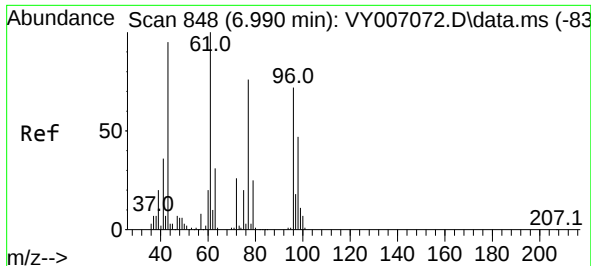
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 47.5 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Tgt Ion: 84 Resp: 257
Ion Ratio Lower Upper
84 100
49 86.6 92.6 139.0#
51 0.0 28.6 42.8#
86 0.0 50.1 75.1#





#25

2-Butanone

Concen: 1.891 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY007086.D

Acq: 08 Jan 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

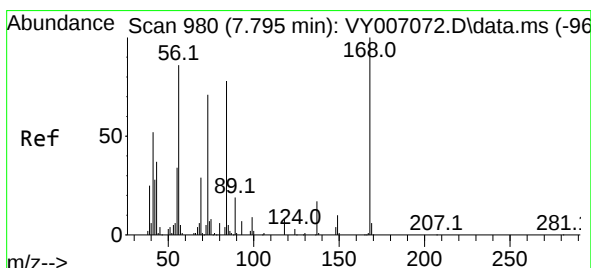
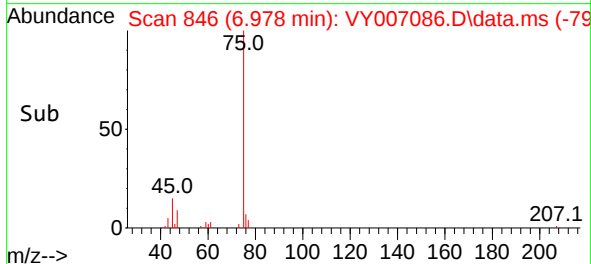
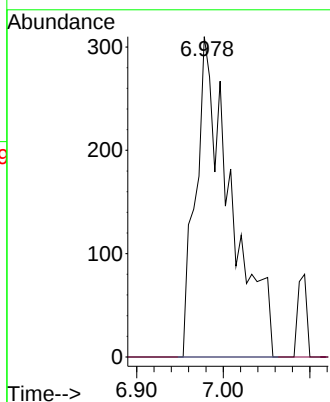
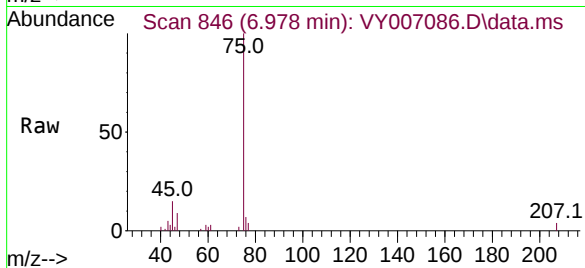
HR-03-010622

Tgt Ion: 43 Resp: 872

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY007086.D

Acq: 08 Jan 2022 18:16

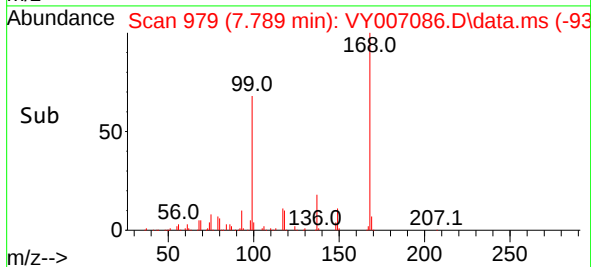
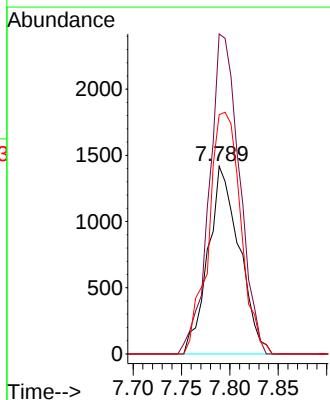
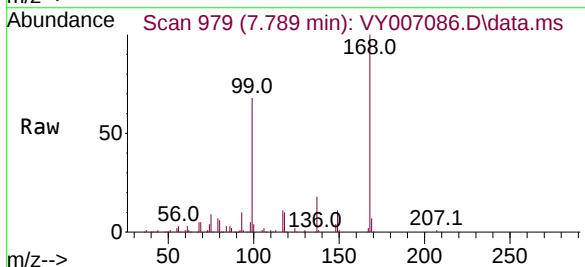
Tgt Ion: 56 Resp: 3183

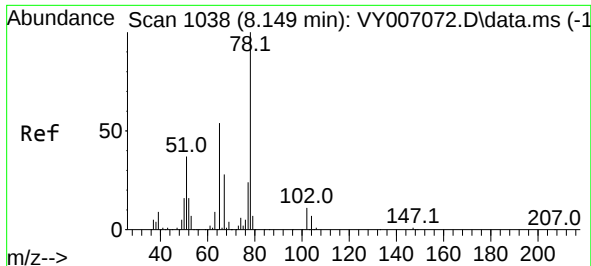
Ion Ratio Lower Upper

56 100

69 170.5 27.2 40.8#

84 127.4 72.1 108.1#

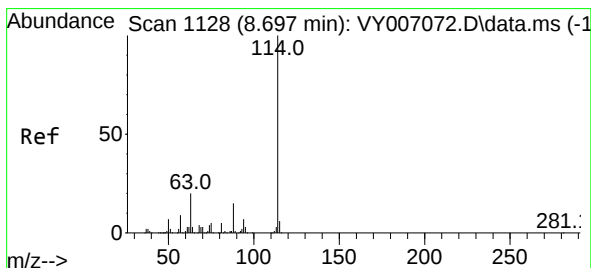
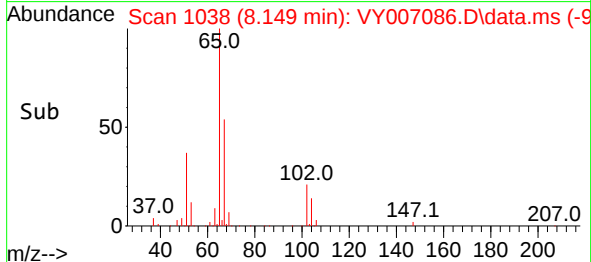
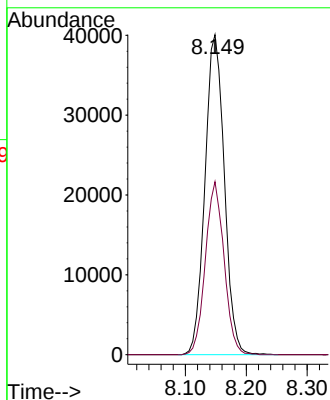
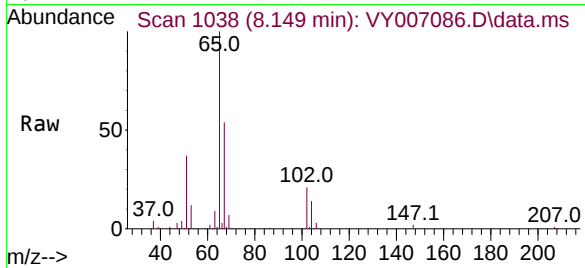




#33
 1,2-Dichloroethane-d4
 Concen: 55.769 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY007086.D
 Acq: 08 Jan 2022 18:16

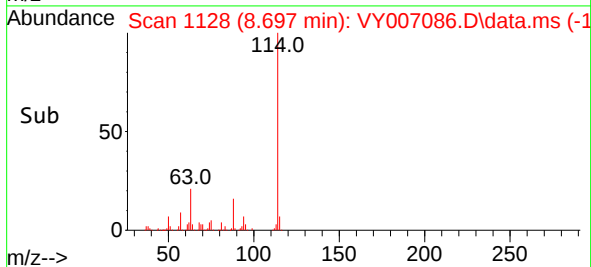
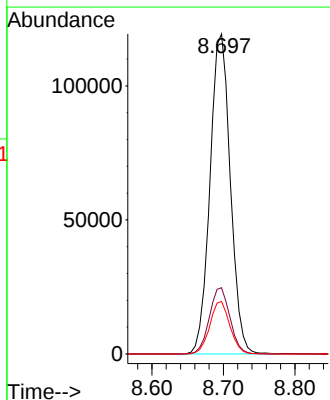
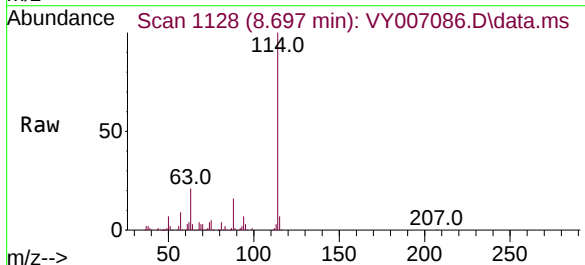
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-010622

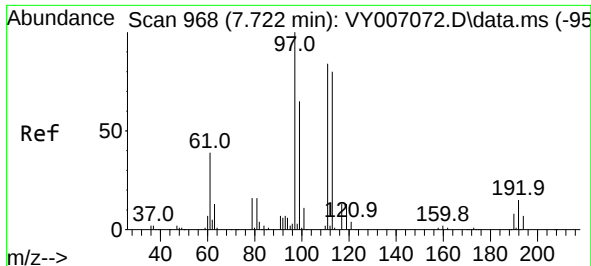
Tgt Ion: 65 Resp: 88693
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY007086.D
 Acq: 08 Jan 2022 18:16

Tgt Ion: 114 Resp: 236113
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 16.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.386 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY007086.D

Acq: 08 Jan 2022 18:16

Instrument :

MSVOA_Y

ClientSampleId :

HR-03-010622

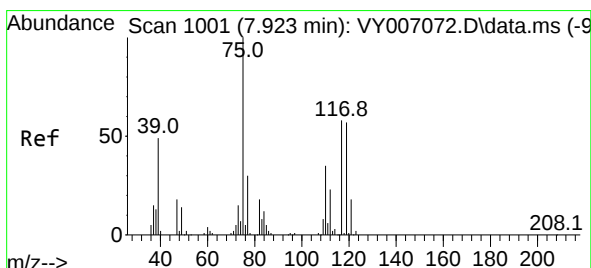
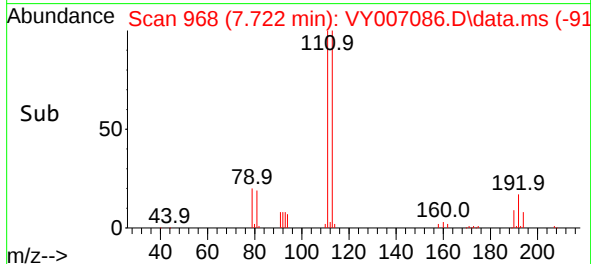
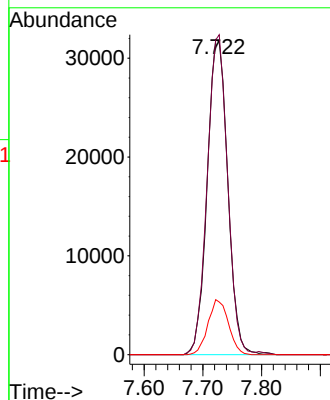
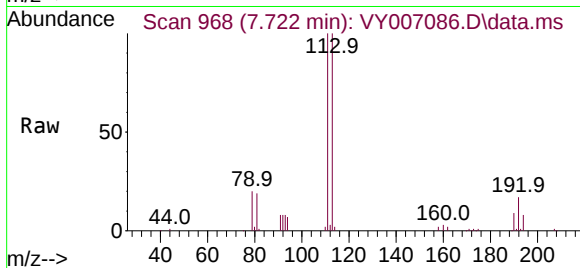
Tgt Ion:113 Resp: 77715

Ion Ratio Lower Upper

113 100

111 100.1 82.2 123.4

192 17.3 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.707 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY007086.D

Acq: 08 Jan 2022 18:16

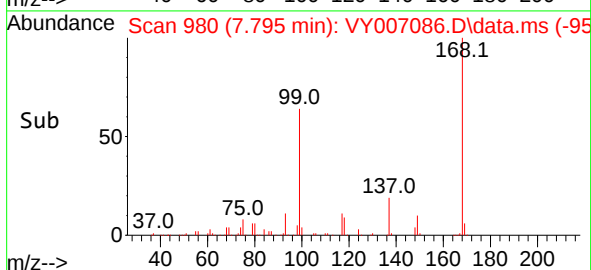
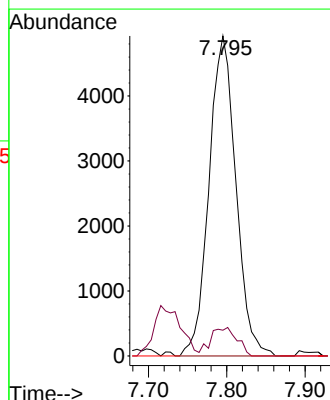
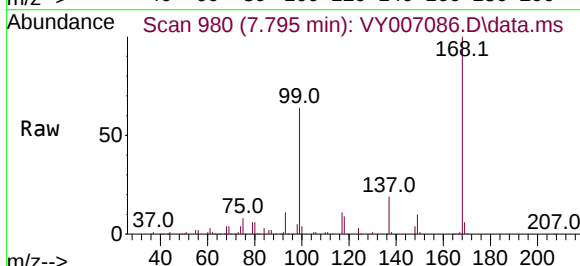
Tgt Ion: 75 Resp: 11736

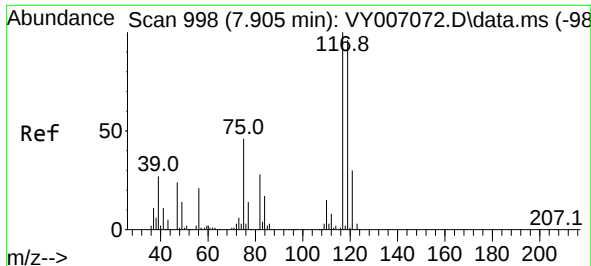
Ion Ratio Lower Upper

75 100

110 8.7 17.3 51.9#

77 0.0 24.7 37.1#

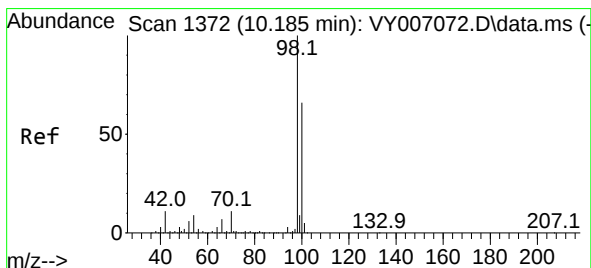
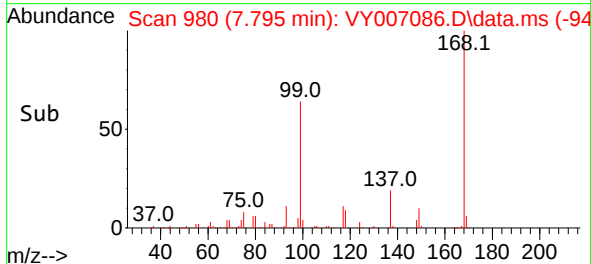
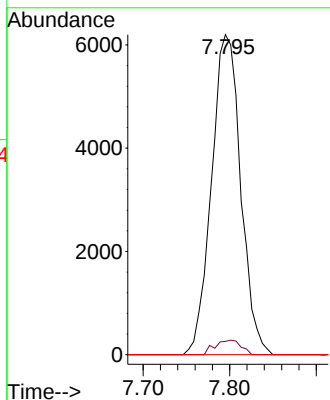
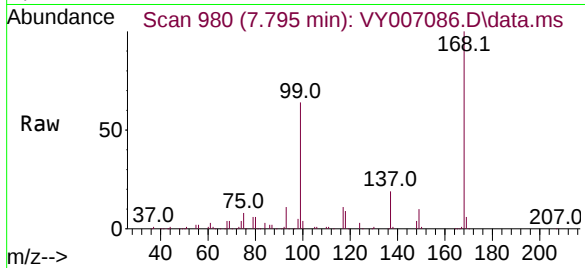




#38
Carbon Tetrachloride
Concen: 5.564 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

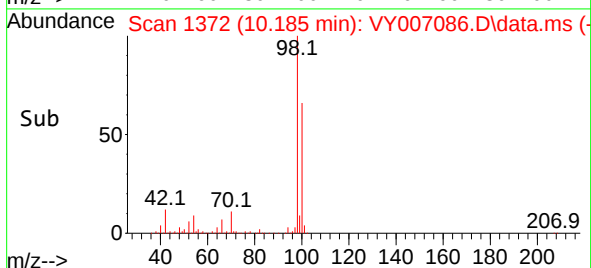
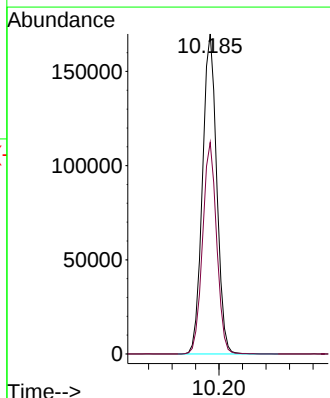
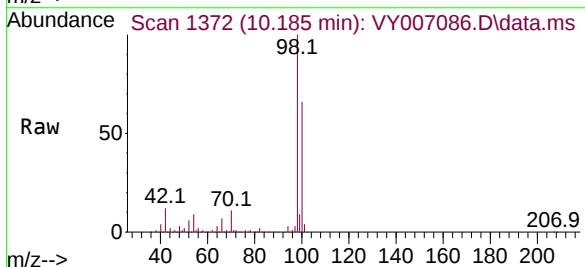
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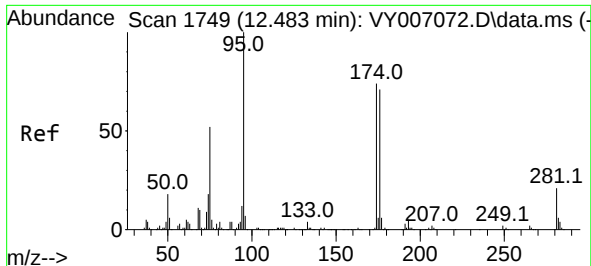
Tgt Ion:117 Resp: 14497
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.199 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Tgt Ion: 98 Resp: 285976
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

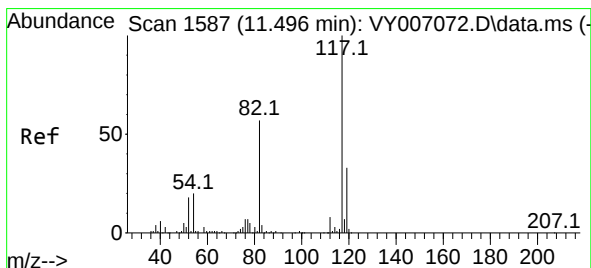
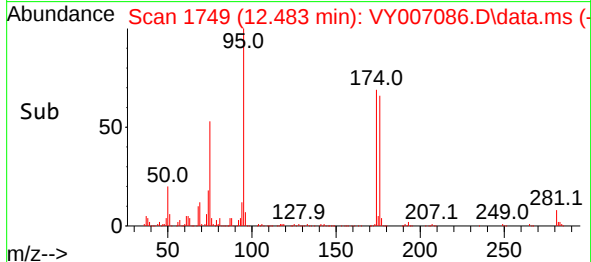
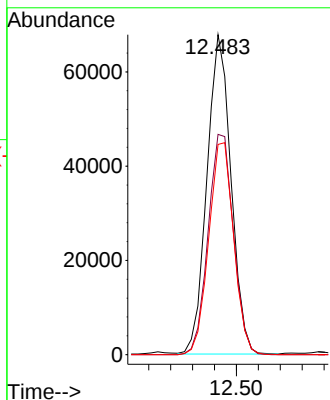
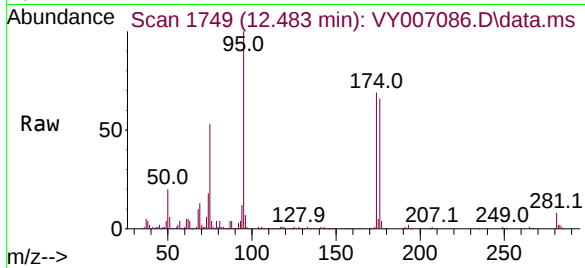




#62
4-Bromofluorobenzene
Concen: 49.231 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

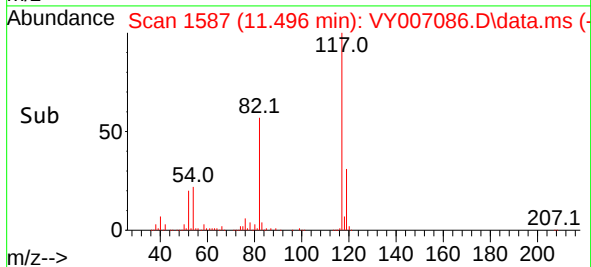
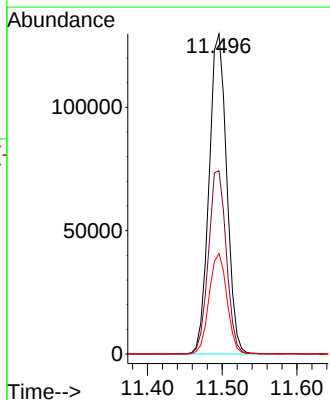
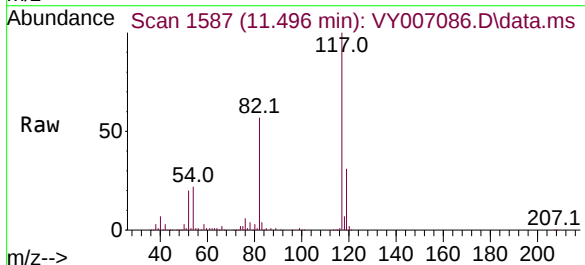
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

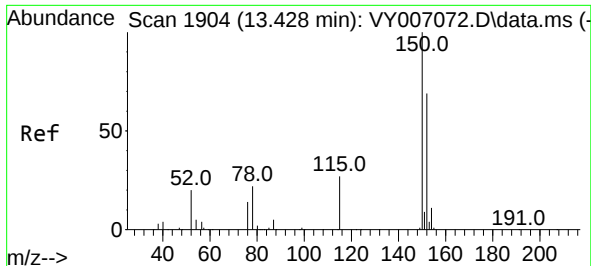
Tgt Ion: 95 Resp: 103205
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.4
176 68.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Tgt Ion: 117 Resp: 212953
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 31.4 26.4 39.6

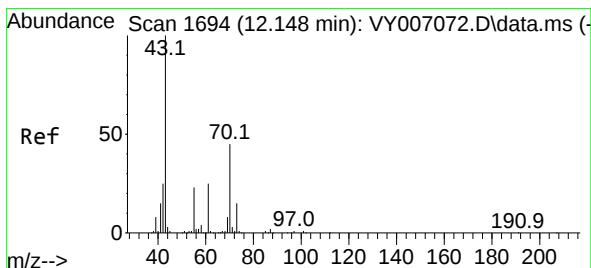
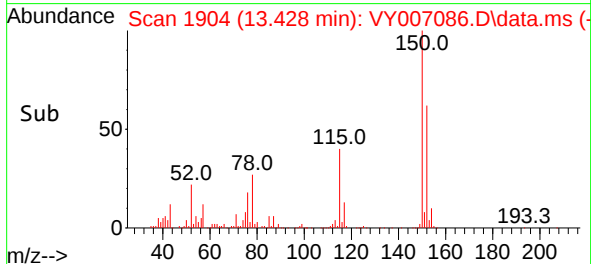
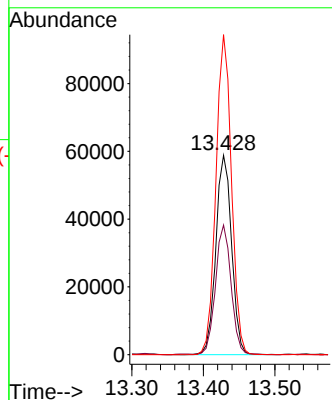
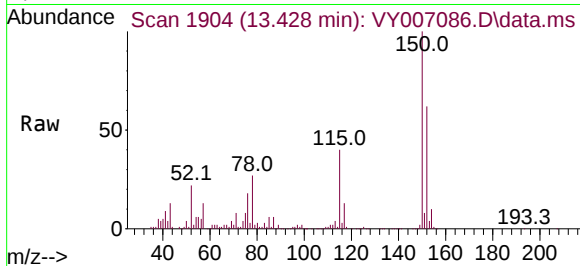




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

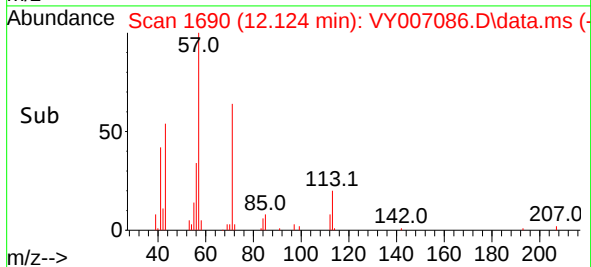
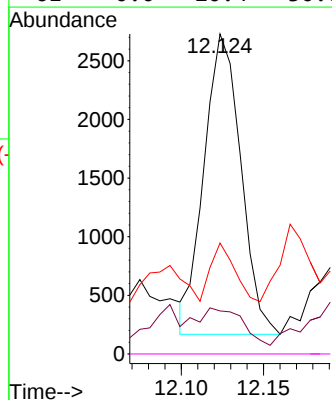
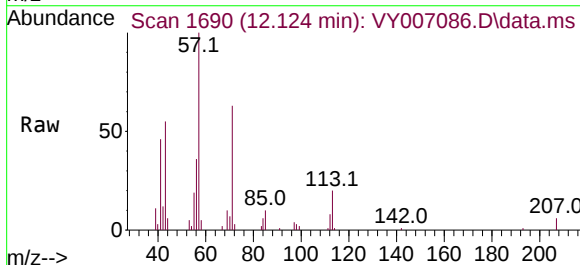
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

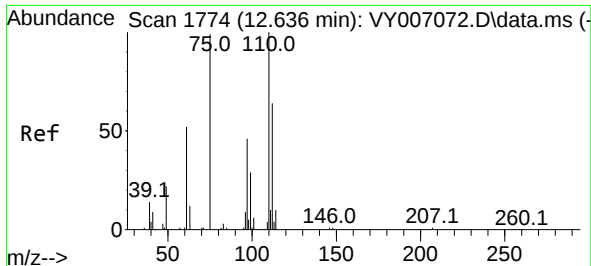
Tgt Ion:152 Resp: 90106
Ion Ratio Lower Upper
152 100
115 64.4 31.4 94.0
150 157.5 0.0 348.4



#74
N-ethyl acetate
Concen: 2.040 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Tgt Ion: 43 Resp: 3982
Ion Ratio Lower Upper
43 100
70 12.0 36.2 54.4#
55 12.5 19.0 28.4#
61 0.0 20.4 30.6#

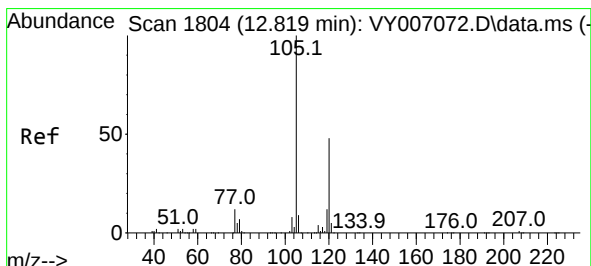
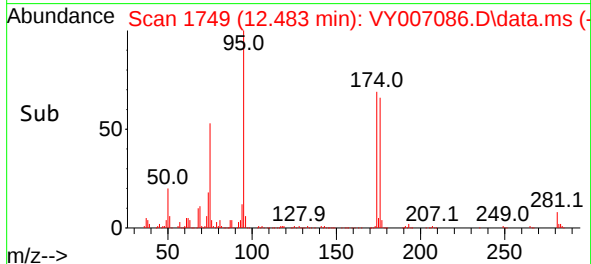
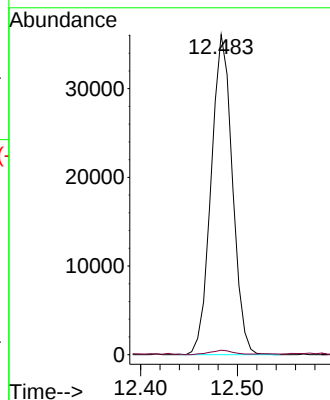
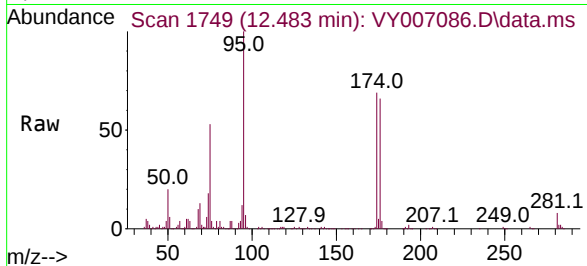




#76
1,2,3-Trichloropropane
Concen: 53.588 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

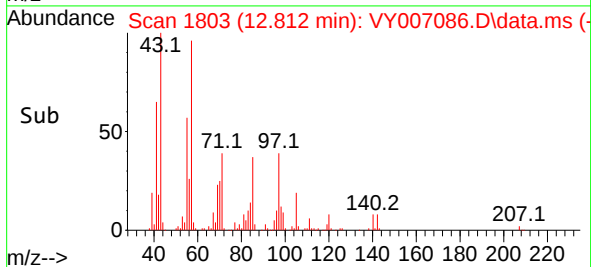
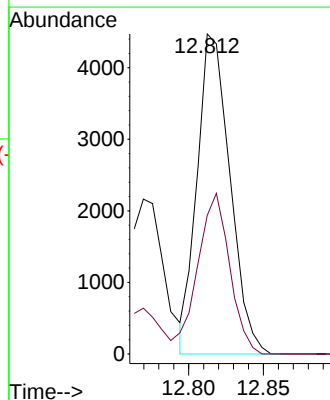
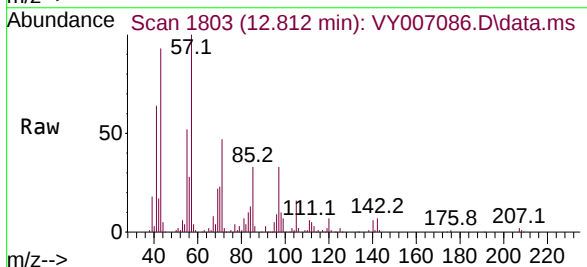
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

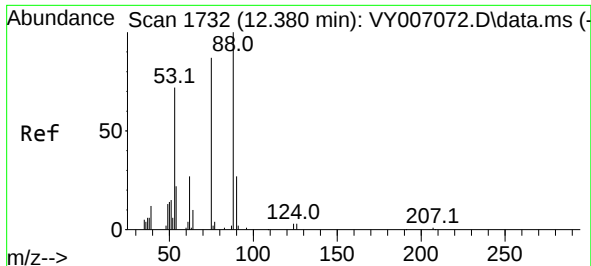
Tgt Ion: 75 Resp: 55108
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.084 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Tgt Ion: 105 Resp: 6834
Ion Ratio Lower Upper
105 100
120 49.0 23.7 71.1

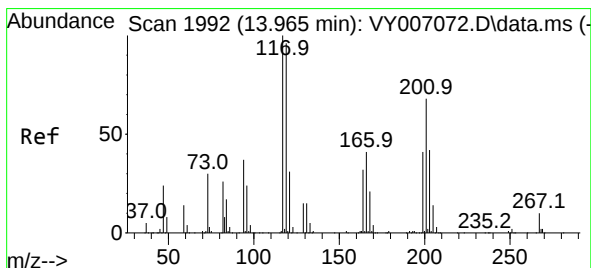
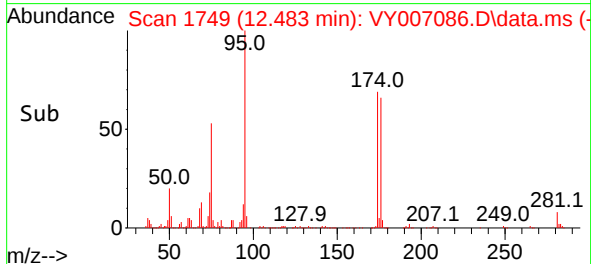
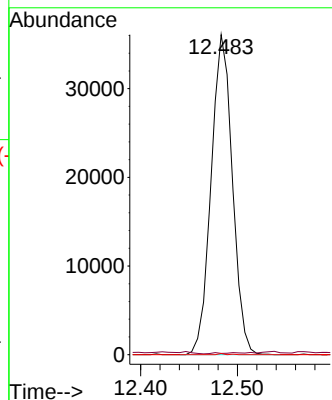
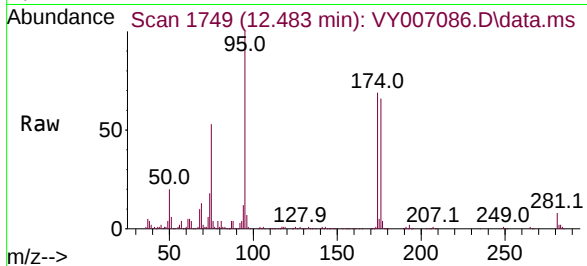




#81
trans-1,4-Dichloro-2-butene
Concen: 100.652 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-010622

Tgt Ion: 75 Resp: 55108
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 0.1 0.0 0.0#



#90
Hexachloroethane
Concen: 1.756 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY007086.D
Acq: 08 Jan 2022 18:16

Tgt Ion: 117 Resp: 2306
Ion Ratio Lower Upper
117 100
201 0.0 33.6 100.6#

