

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006512.D
 Acq On : 28 Oct 2021 13:49
 Operator : SY/MD
 Sample : M4375-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 05:06:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	38213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	49944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19466	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	24920	52.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.980%
35) Dibromofluoromethane	7.722	113	17589	53.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.179	98	72950	52.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.780%
62) 4-Bromofluorobenzene	12.483	95	18896	40.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.580%

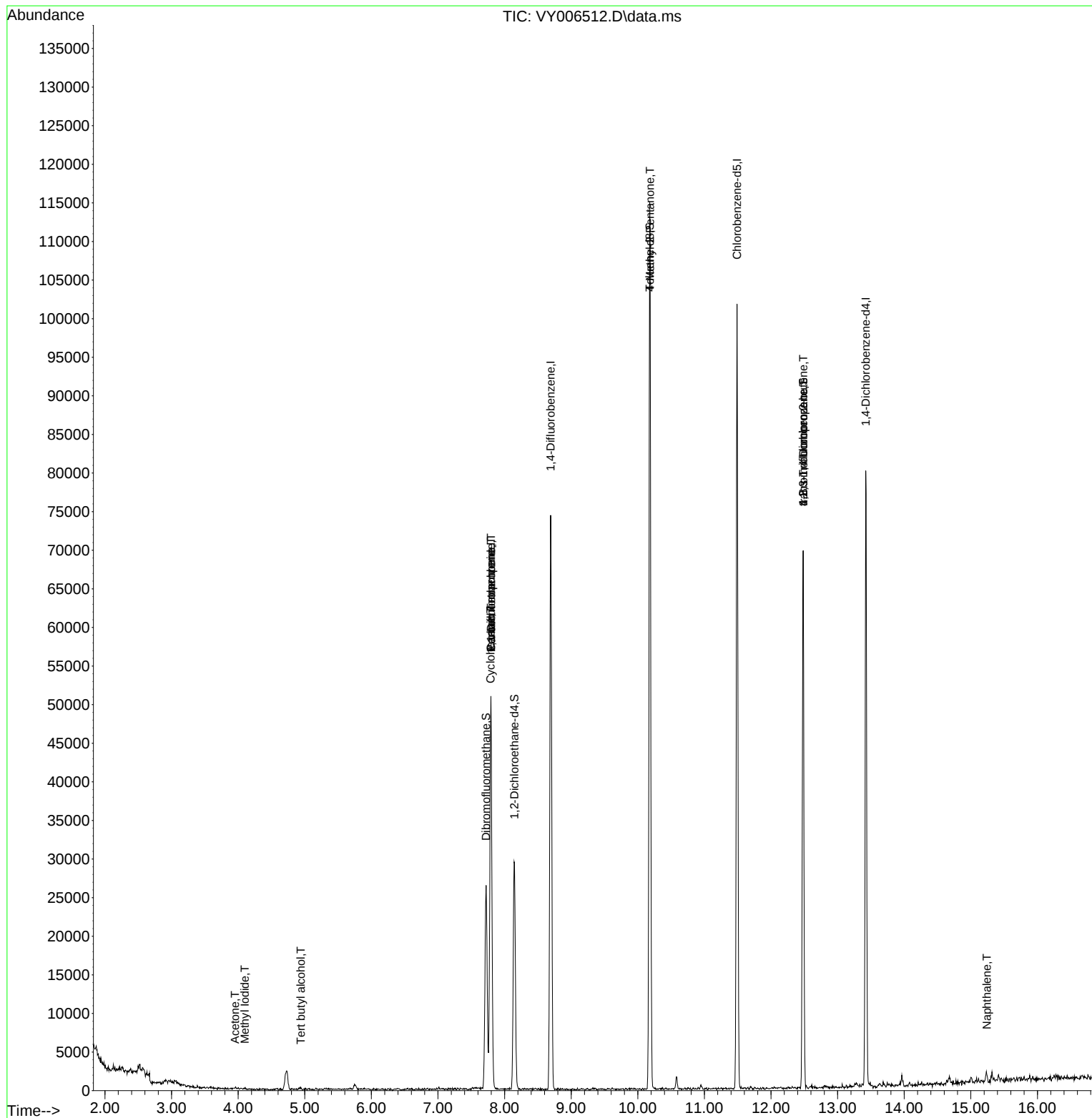
Target Compounds					Qvalue	
10) Methyl Iodide	4.101	142	52	5.184	ug/l #	36
11) Tert butyl alcohol	4.942	59	45	1.053	ug/l #	72
16) Acetone	3.954	43	278	2.053	ug/l #	46
31) Cyclohexane	7.789	56	930	1.222	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	3002	5.156	ug/l #	52
38) Carbon Tetrachloride	7.795	117	3926	6.112	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	465	1.241	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	11092	55.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11092	113.521	ug/l #	7
95) Naphthalene	15.239	128	1258	1.724	ug/l #	94

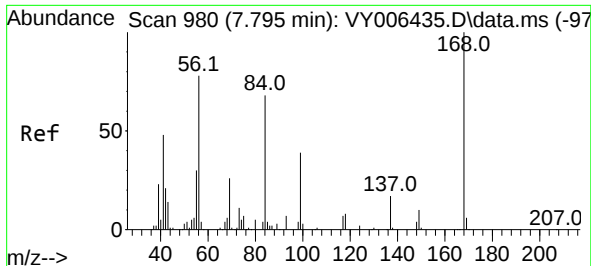
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 29 05:06:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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Response via : Initial Calibration

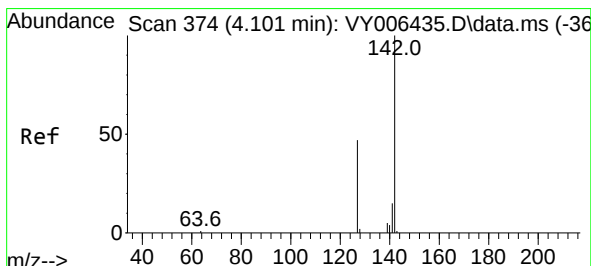
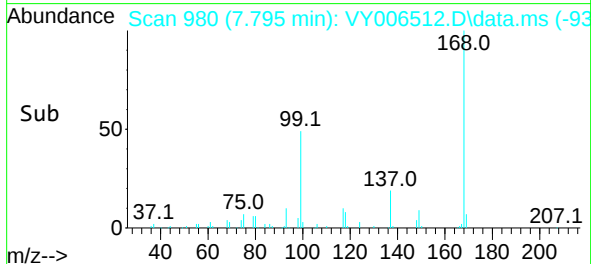
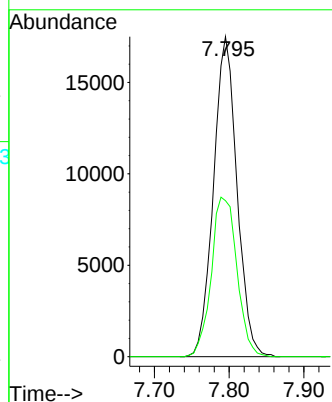
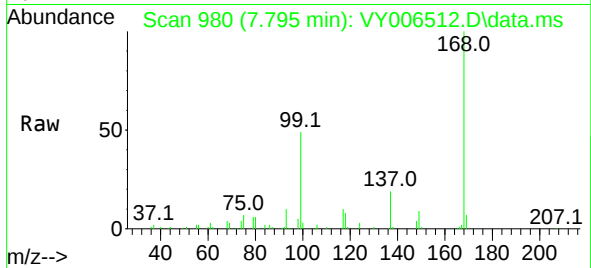




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

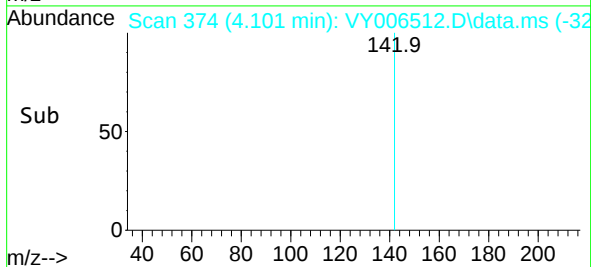
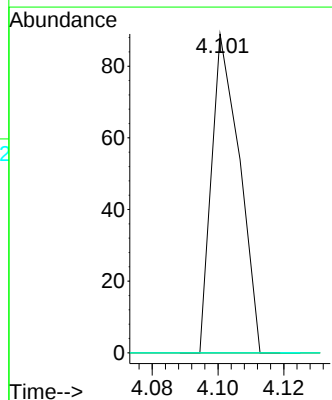
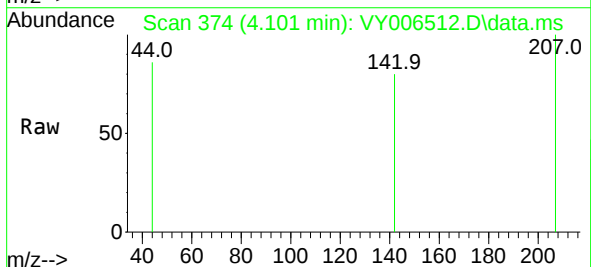
Instrument :
MSVOA_Y
ClientSampleId :

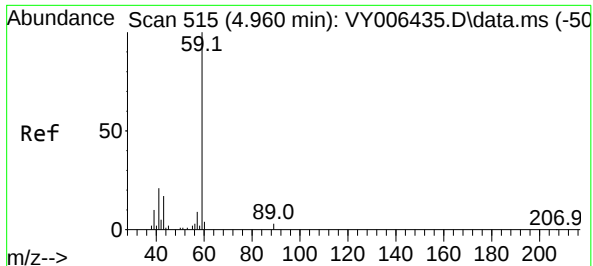
Tgt Ion:168 Resp: 38213
Ion Ratio Lower Upper
168 100
99 48.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.184 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

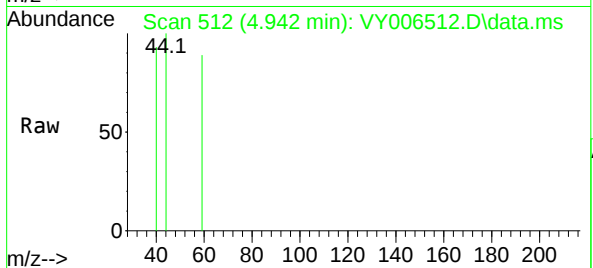




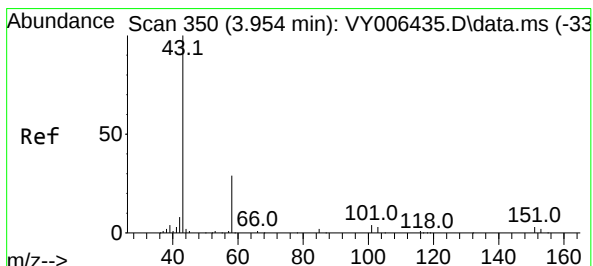
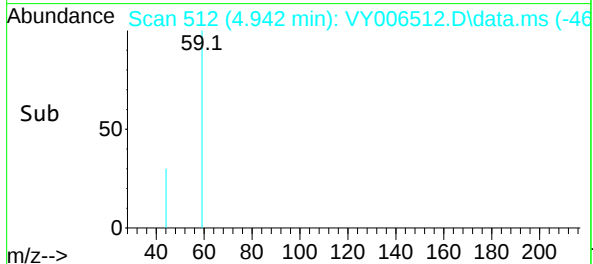
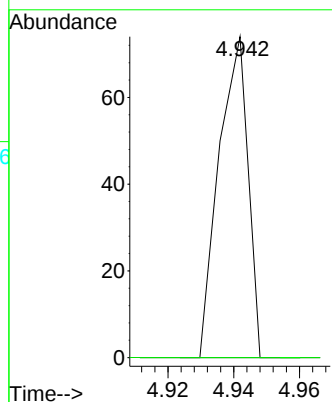
#11

Tert butyl alcohol
Concen: 1.053 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

Instrument :
MSVOA_Y
ClientSampled :



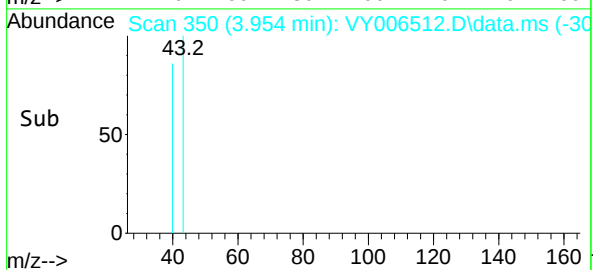
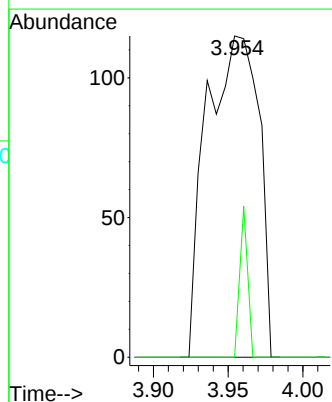
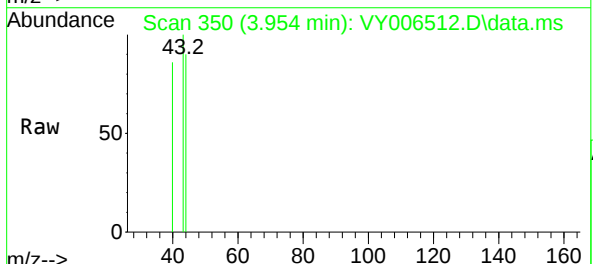
Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

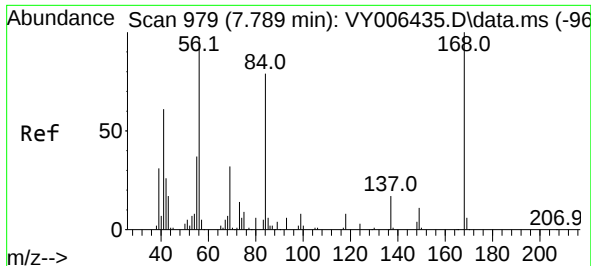


#16

Acetone
Concen: 2.053 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

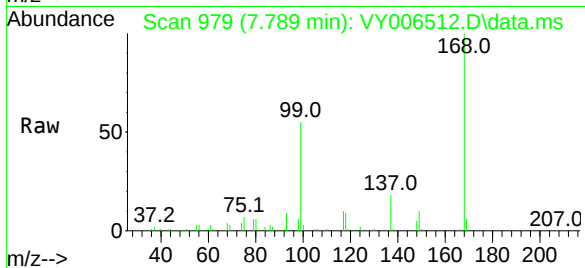
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



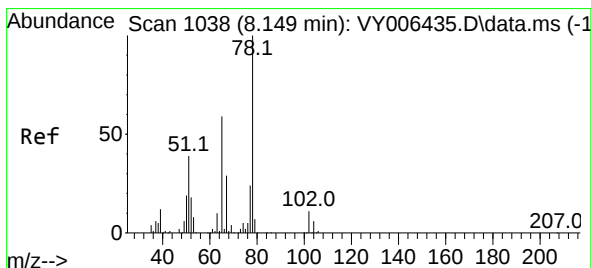
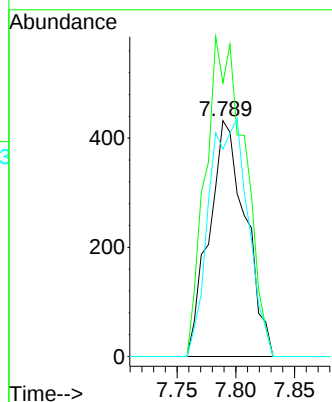
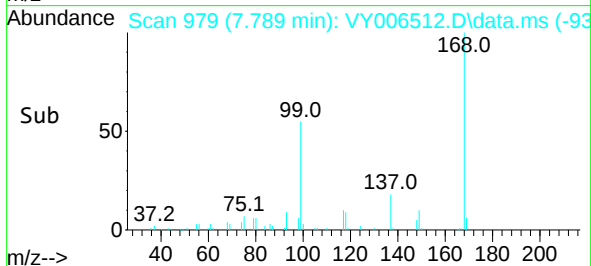


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

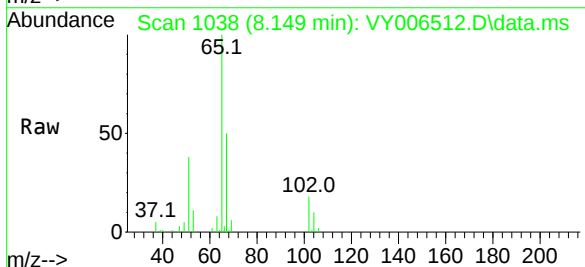
Instrument :
MSVOA_Y
ClientSampleId :



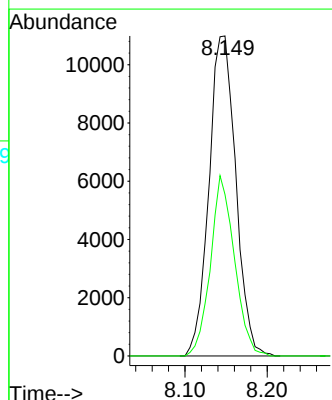
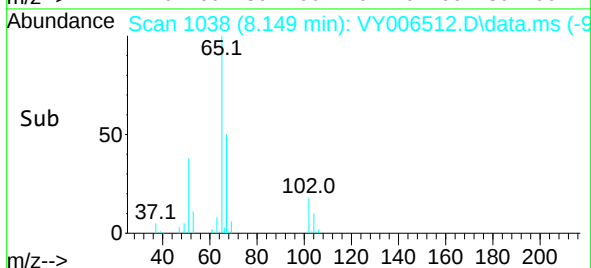
Tgt Ion: 56 Resp: 930
Ion Ratio Lower Upper
56 100
69 116.0 26.6 40.0#
84 88.0 65.0 97.4

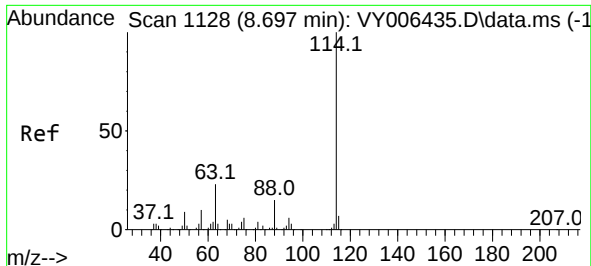


#33
1,2-Dichloroethane-d4
Concen: 52.995 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49



Tgt Ion: 65 Resp: 24920
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.2

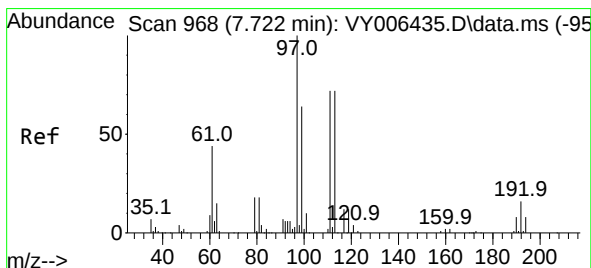
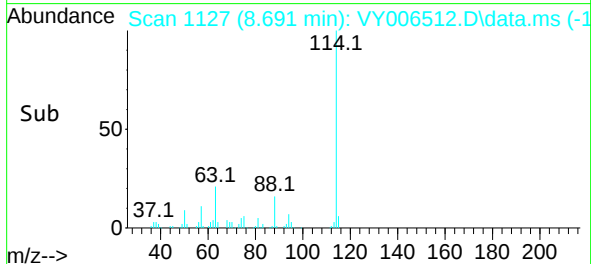
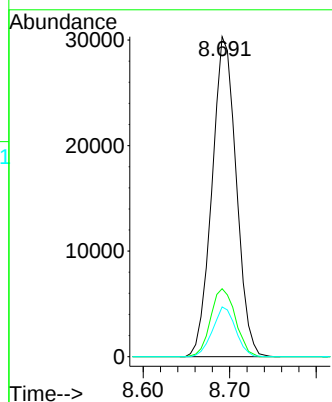
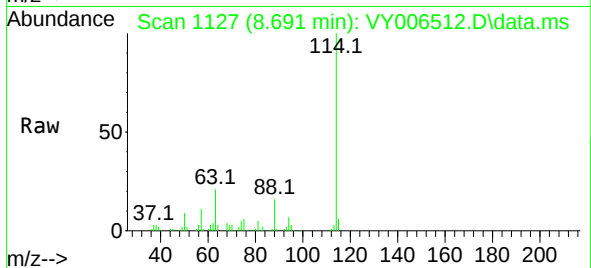




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

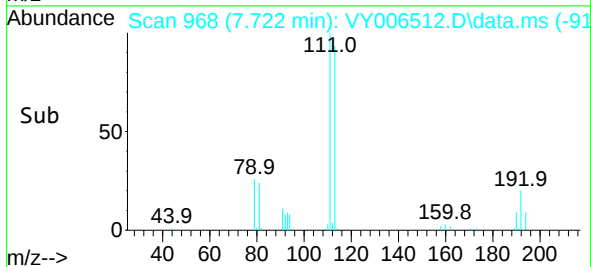
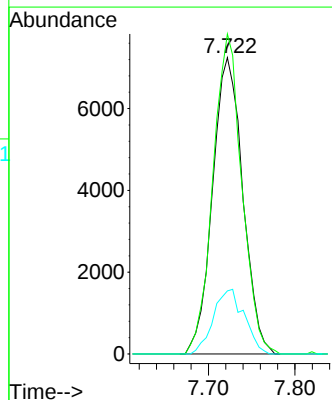
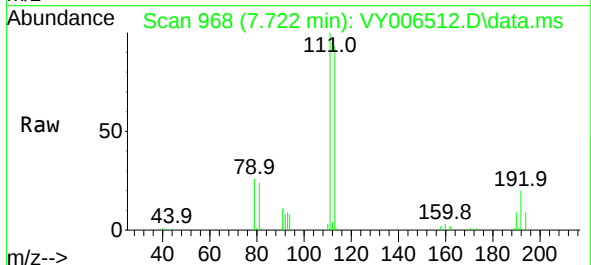
Instrument :
MSVOA_Y
ClientSampleId :

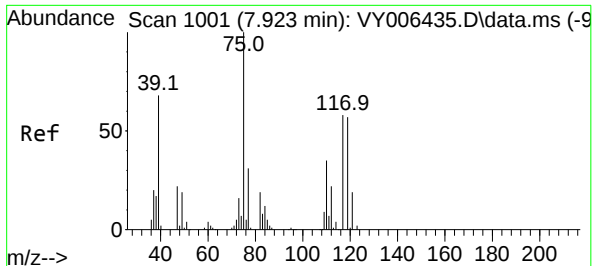
Tgt Ion:	114	Resp:	58927
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	45.0
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.553 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

Tgt Ion:	113	Resp:	17589
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.3	123.5
192	22.2	17.4	26.2





#36

1,1-Dichloropropene

Concen: 5.156 ug/l

RT: 7.795 min Scan# 980

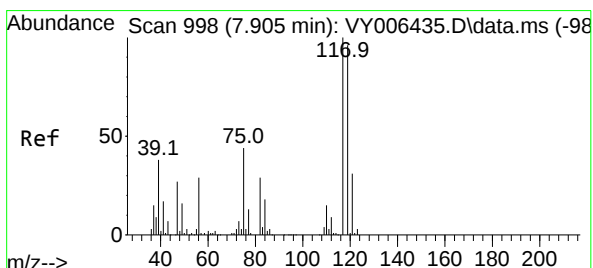
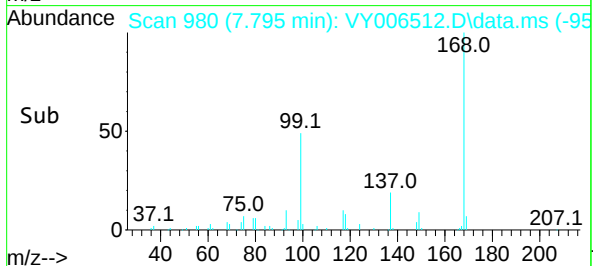
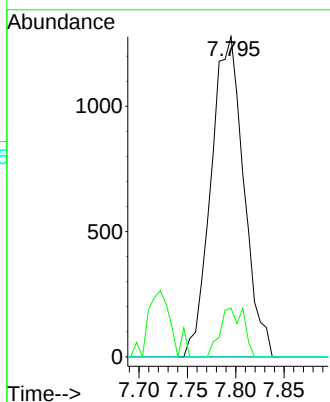
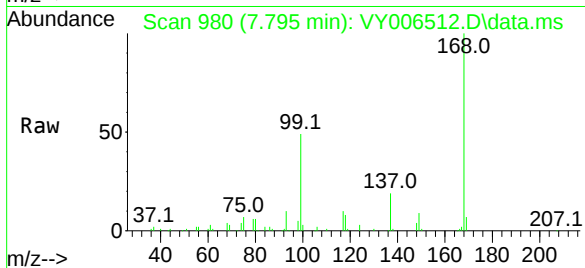
Delta R.T. -0.128 min

Lab File: VY006512.D

Acq: 28 Oct 2021 13:49

Tgt Ion:	75	Resp:	3002
Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.1	51.3#
77	0.0	24.9	37.3#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.112 ug/l

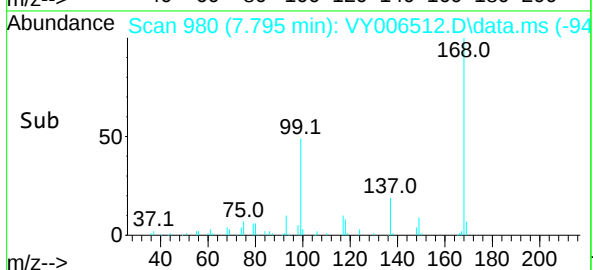
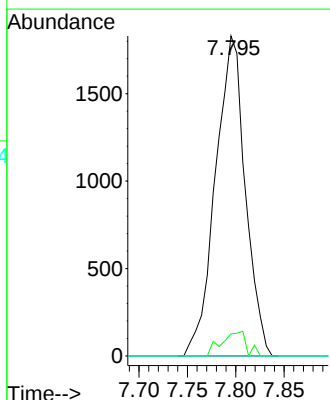
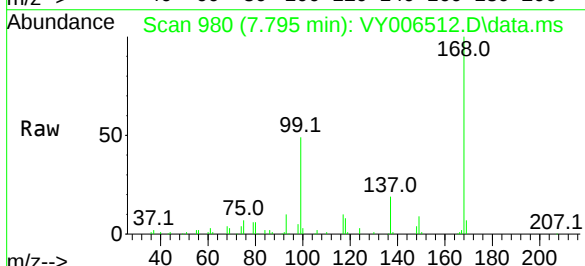
RT: 7.795 min Scan# 980

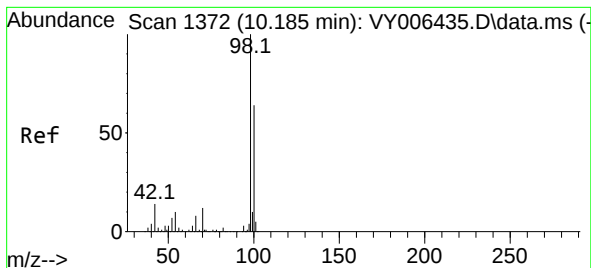
Delta R.T. -0.110 min

Lab File: VY006512.D

Acq: 28 Oct 2021 13:49

Tgt Ion:	117	Resp:	3926
Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.6	115.0#
121	0.0	24.7	37.1#

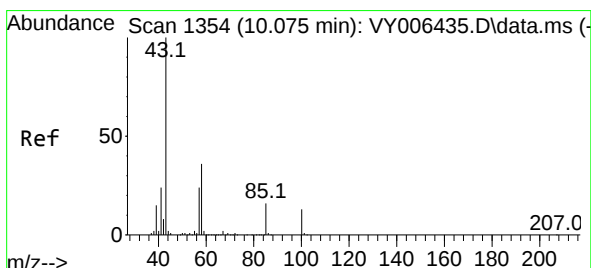
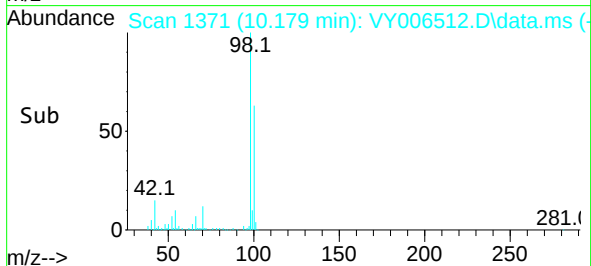
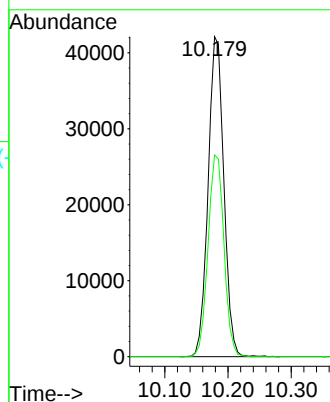
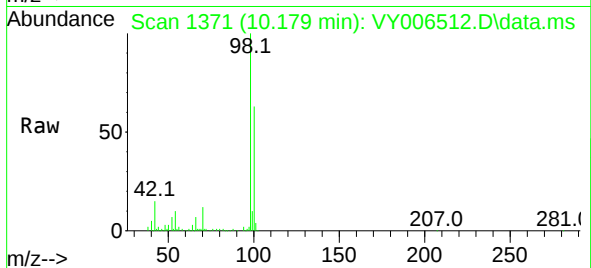




#50
Toluene-d8
Concen: 52.395 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

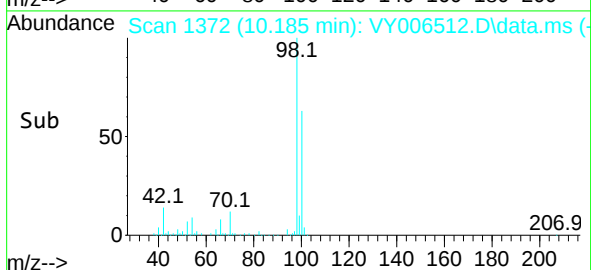
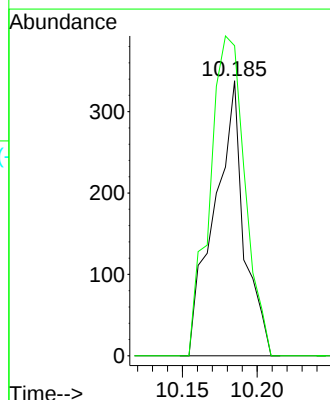
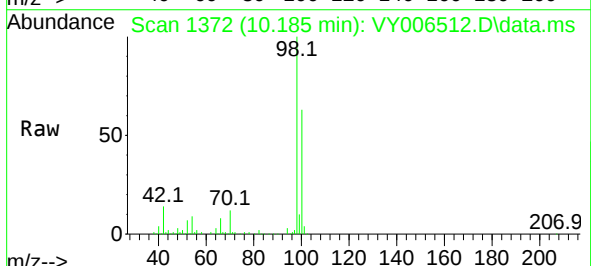
Instrument :
MSVOA_Y
ClientSampleId :

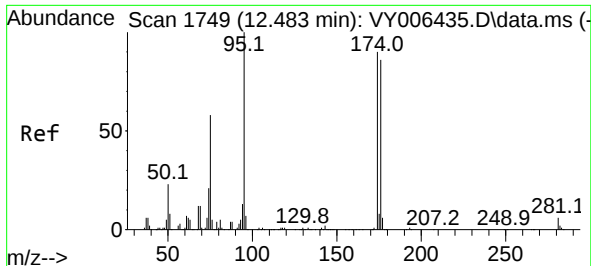
Tgt Ion: 98 Resp: 72950
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.241 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 138.5 28.7 43.1#

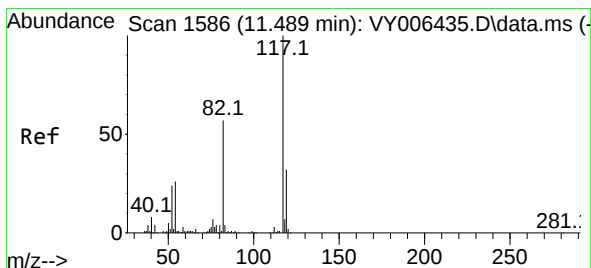
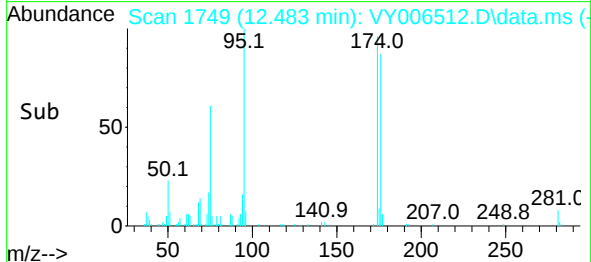
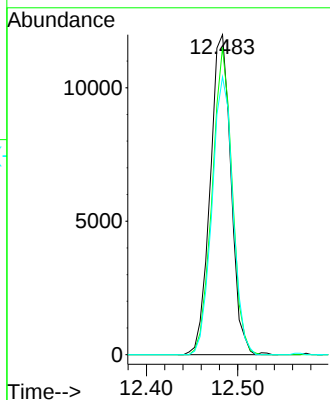
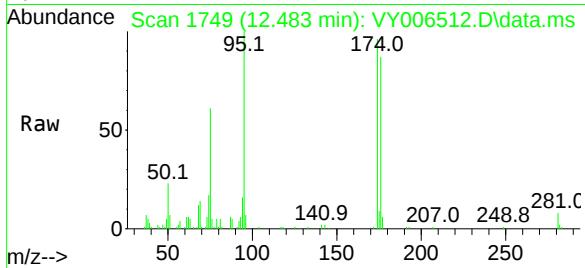




#62
4-Bromofluorobenzene
Concen: 40.289 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

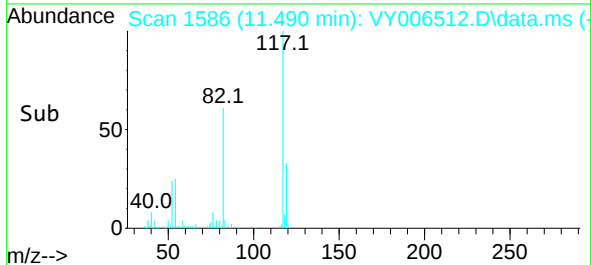
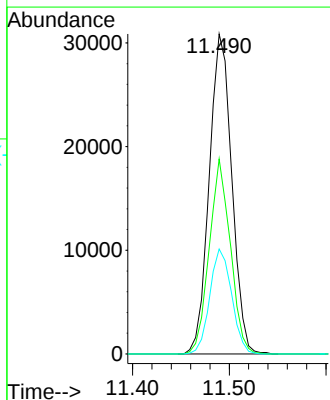
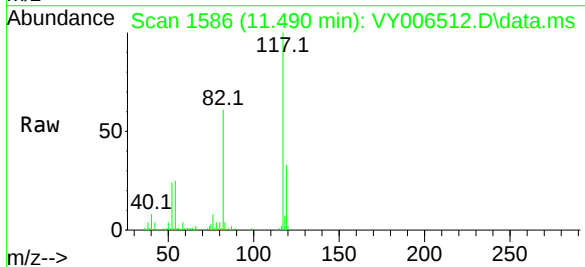
Instrument :
MSVOA_Y
ClientSampleId :

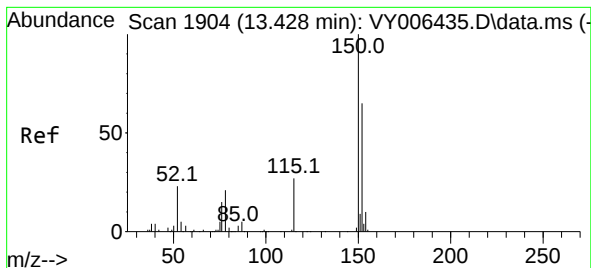
Tgt Ion: 95 Resp: 18896
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 87.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

Tgt Ion: 117 Resp: 49944
Ion Ratio Lower Upper
117 100
82 61.0 45.7 68.5
119 32.8 25.5 38.3

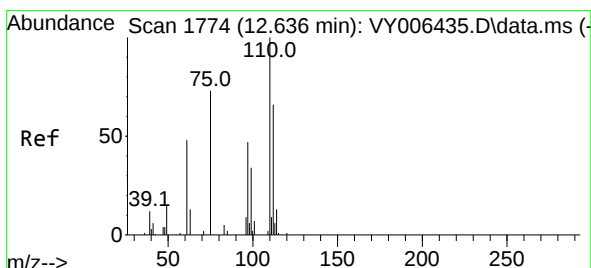
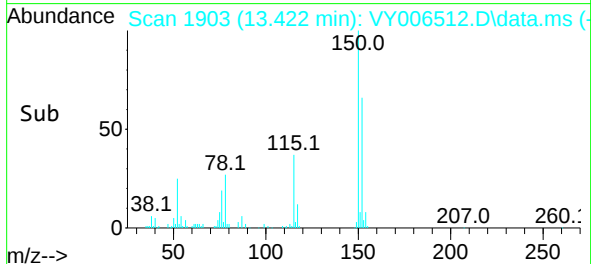
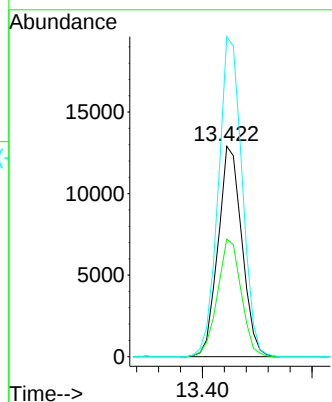
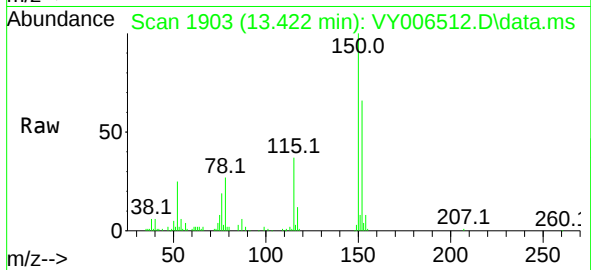




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006512.D
 Acq: 28 Oct 2021 13:49

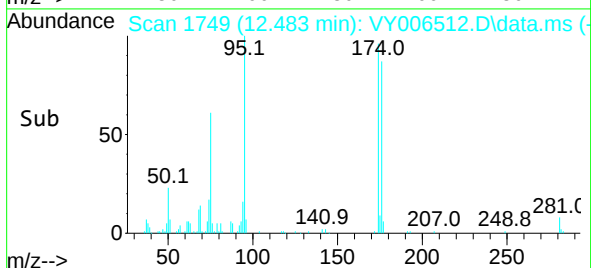
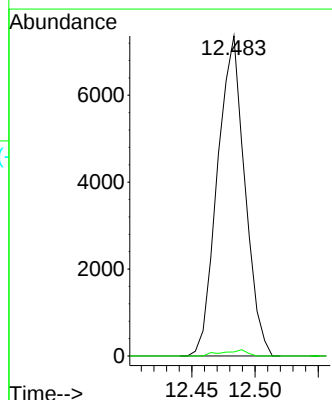
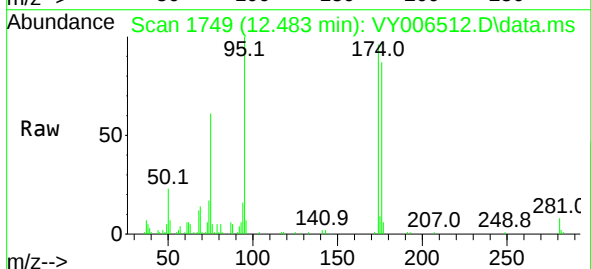
Instrument :
 MSVOA_Y
 ClientSampleId :

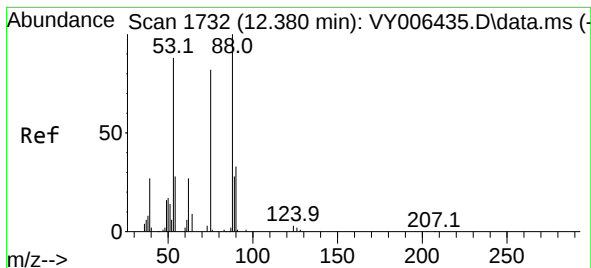
Tgt Ion:152 Resp: 19466
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.5 85.5
 150 152.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 55.296 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006512.D
 Acq: 28 Oct 2021 13:49

Tgt Ion: 75 Resp: 11092
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

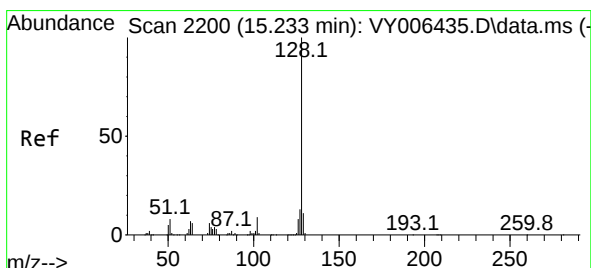
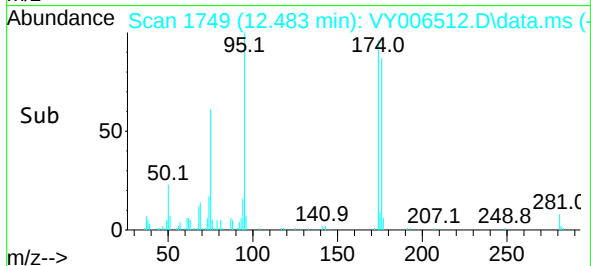
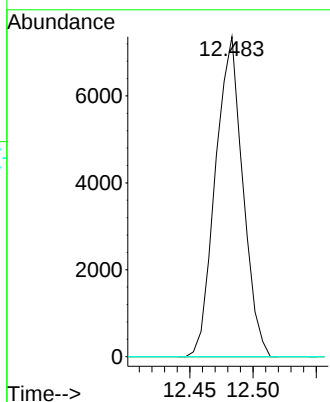
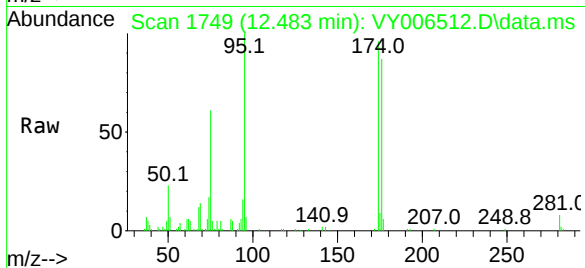




#81
trans-1,4-Dichloro-2-butene
Concen: 113.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11092
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#95
Naphthalene
Concen: 1.724 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006512.D
Acq: 28 Oct 2021 13:49

Tgt Ion: 128 Resp: 1258
Ion Ratio Lower Upper
128 100
127 10.7 11.0 16.4#
129 9.7 8.9 13.3

