

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006872.D
 Acq On : 23 Nov 2021 16:54
 Operator : SY/MD
 Sample : M4818-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-112321

Quant Time: Nov 24 02:05:10 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)

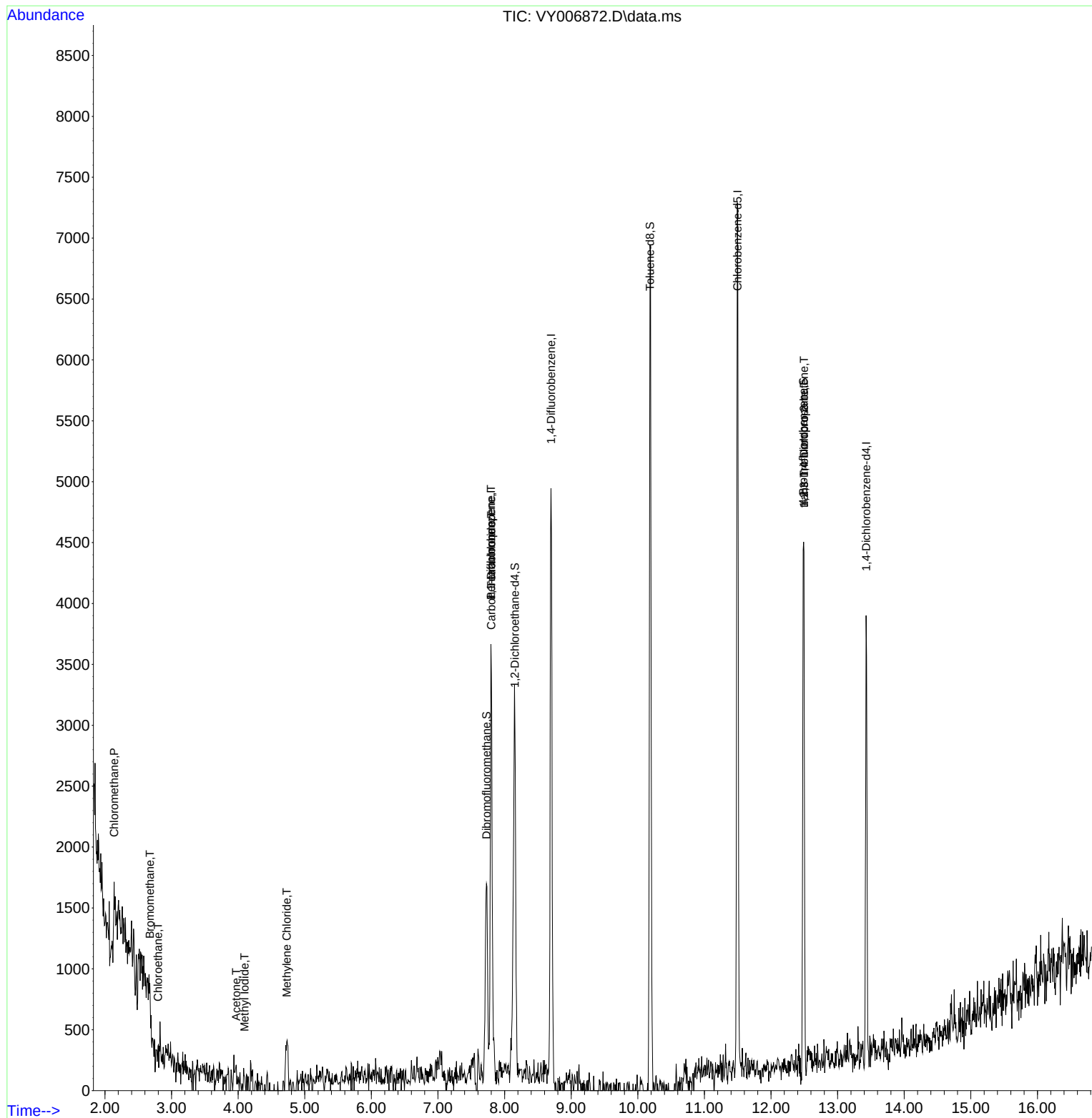
Internal Standards						
1) Pentafluorobenzene	7.795	168	2808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2409	65.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.920%	
35) Dibromofluoromethane	7.728	113	1067	39.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.240%	
50) Toluene-d8	10.185	98	5285	46.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.640%	
62) 4-Bromofluorobenzene	12.483	95	1279	33.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.137	50	68	1.676	ug/l #	43
5) Bromomethane	2.674	94	30	1.367	ug/l #	4
6) Chloroethane	2.796	64	42	1.667	ug/l #	45
10) Methyl Iodide	4.094	142	45	1.313	ug/l #	36
16) Acetone	3.972	43	106	9.480	ug/l #	46
20) Methylene Chloride	4.728	84	426	10.029	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	204	4.226	ug/l #	42
38) Carbon Tetrachloride	7.801	117	249	5.043	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	705	65.236	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	705	129.262	ug/l #	7

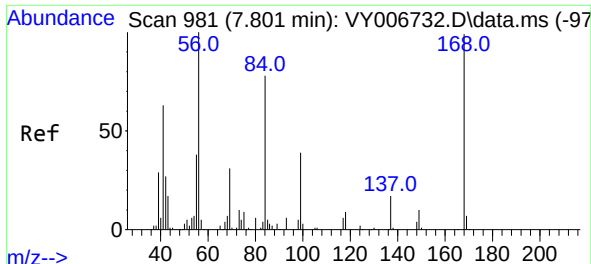
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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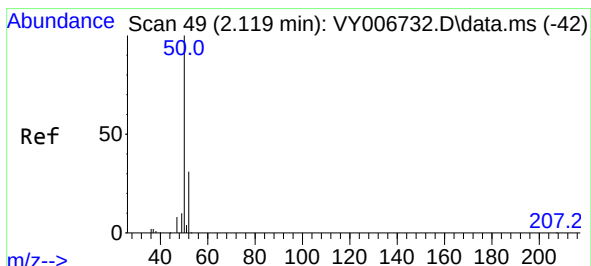
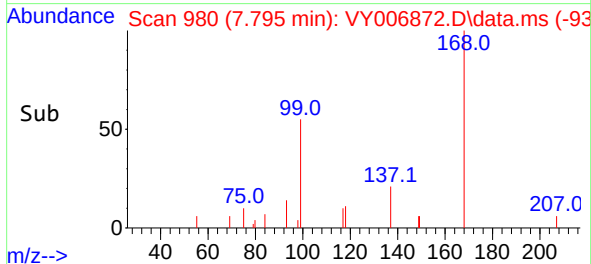
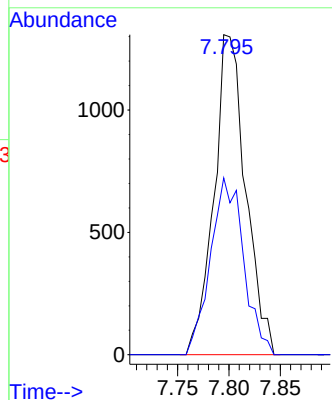
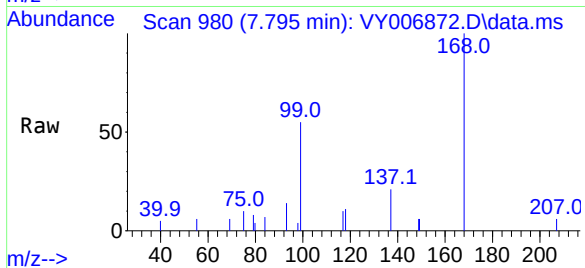




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

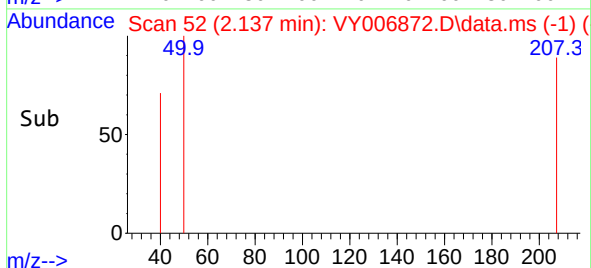
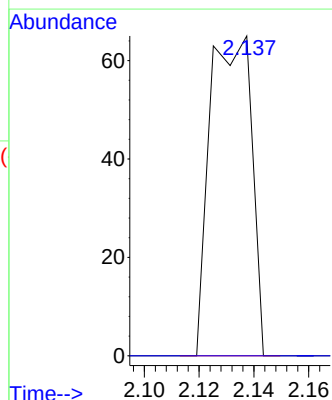
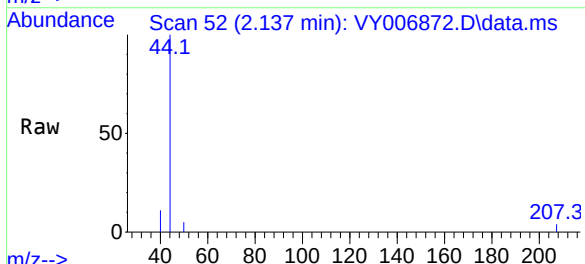
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112321

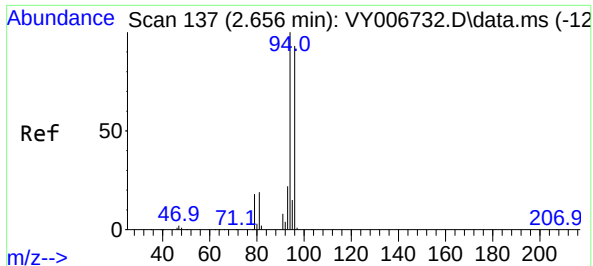
Tgt Ion:168 Resp: 2808
Ion Ratio Lower Upper
168 100
99 55.3 44.8 67.2



#3
Chloromethane
Concen: 1.676 ug/l
RT: 2.137 min Scan# 52
Delta R.T. 0.018 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

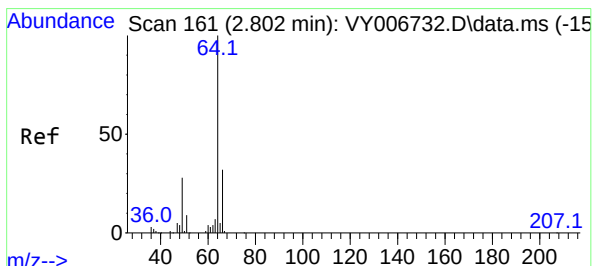
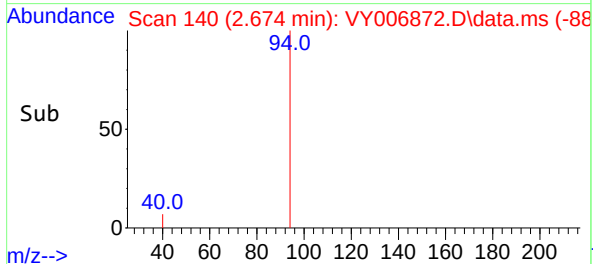
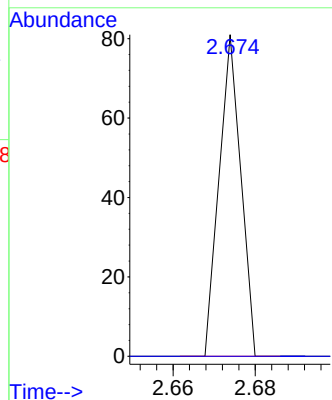
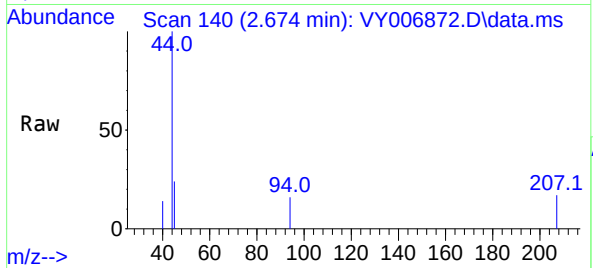




#5
Bromomethane
Concen: 1.367 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

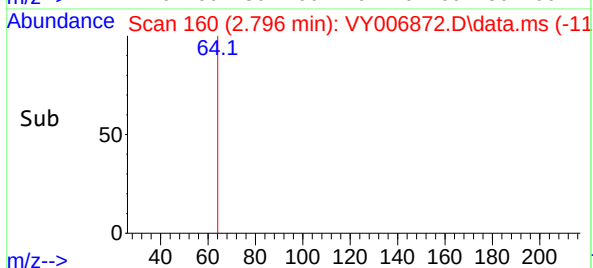
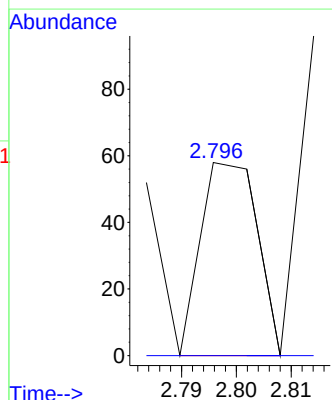
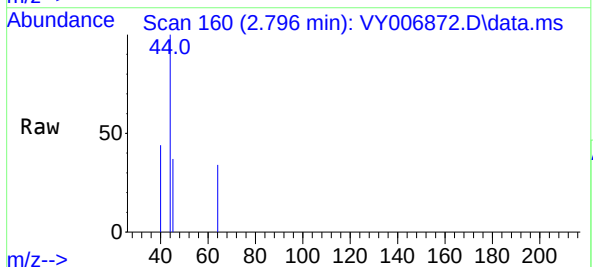
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112321

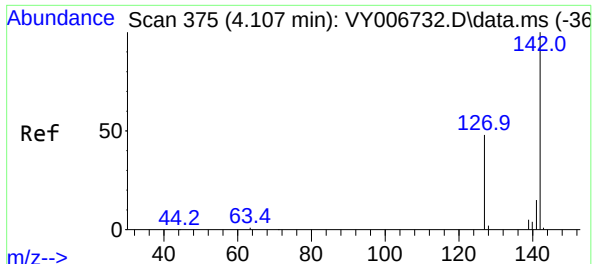
Tgt Ion: 94 Resp: 30
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: 1.667 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#

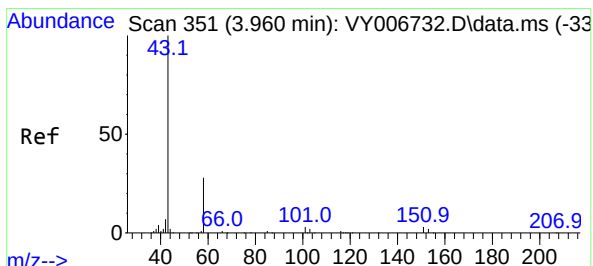
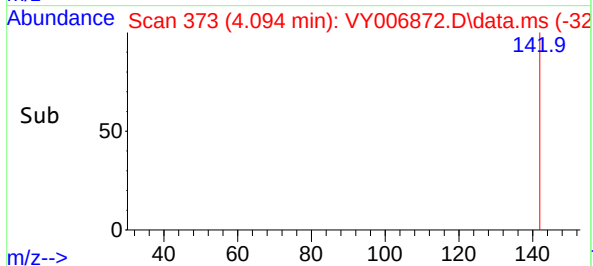
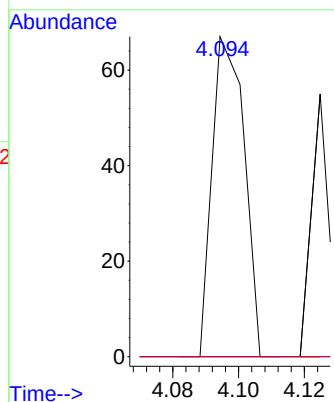
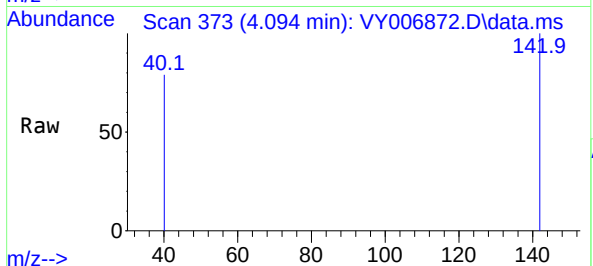




#10
Methyl Iodide
Concen: 1.313 ug/l
RT: 4.094 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

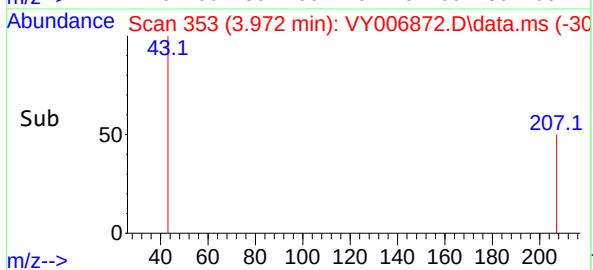
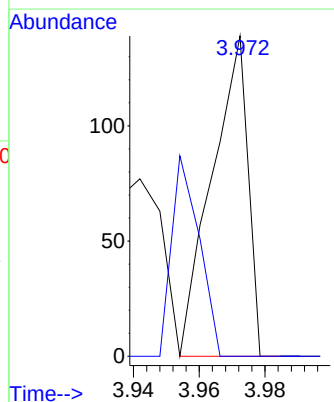
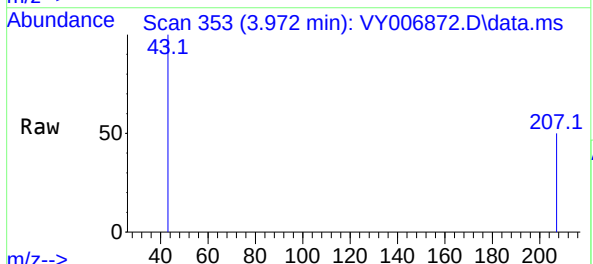
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112321

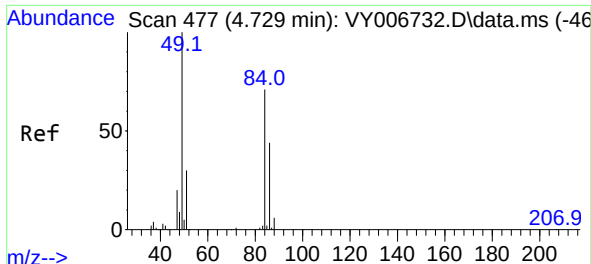
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 9.480 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Tgt Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



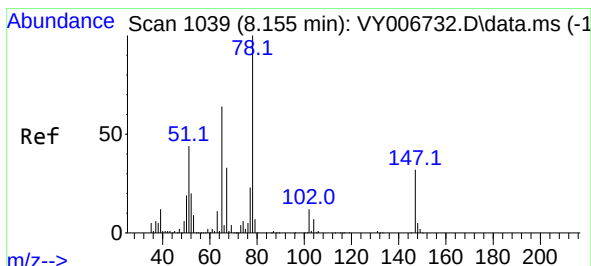
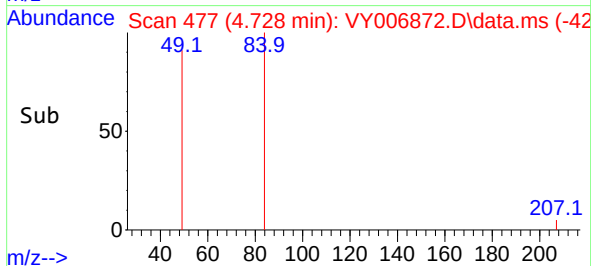
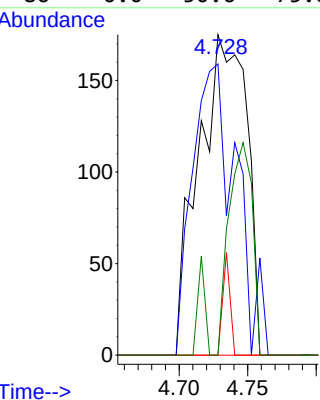
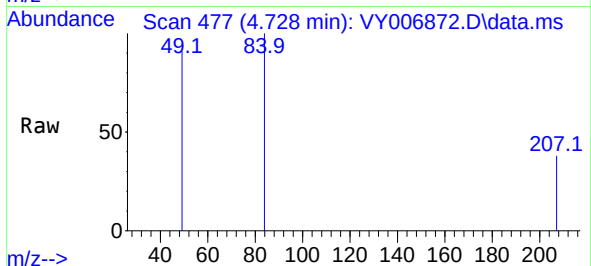


#20
Methylene Chloride
Concen: 10.029 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112321

Tgt Ion: 84 Resp: 426

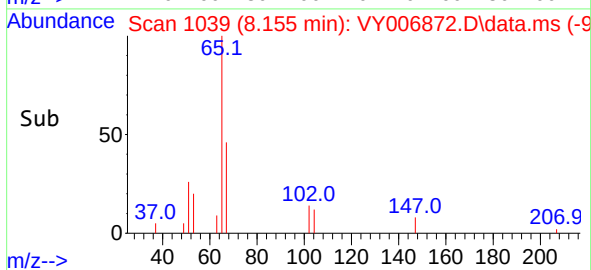
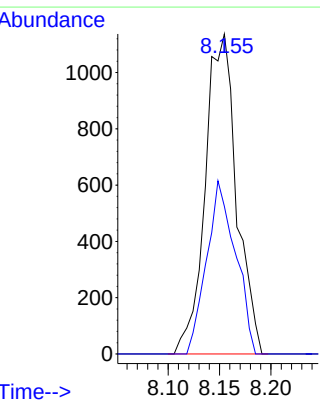
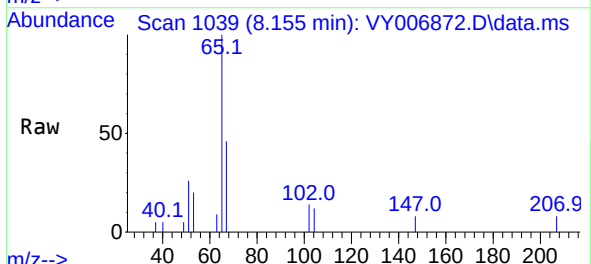
Ion	Ratio	Lower	Upper
84	100		
49	90.9	107.8	161.8#
51	0.0	32.8	49.2#
86	0.0	50.6	75.8#

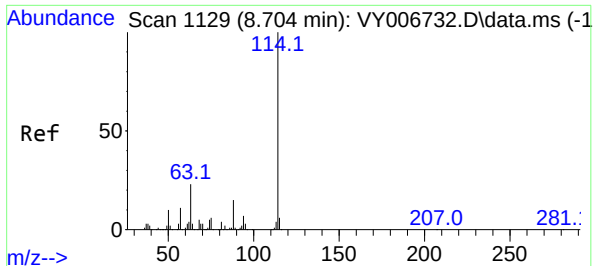


#33
1,2-Dichloroethane-d4
Concen: 65.458 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Tgt Ion: 65 Resp: 2409

Ion	Ratio	Lower	Upper
65	100		
67	49.8	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: VY006872.D

Acq: 23 Nov 2021 16:54

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-112321

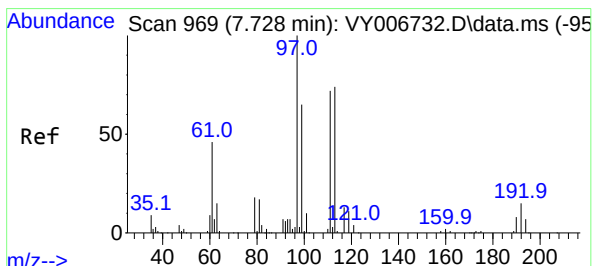
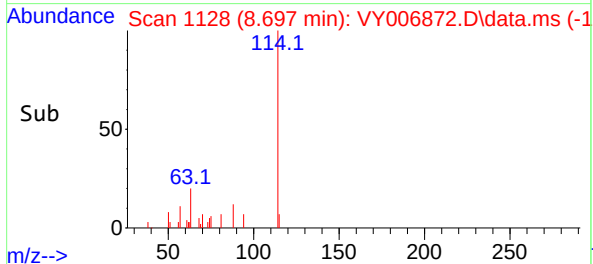
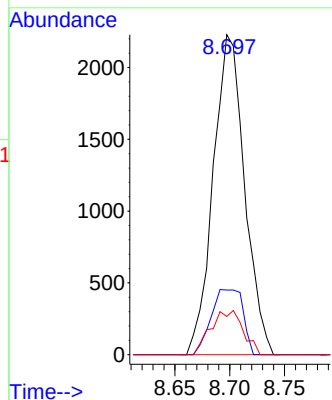
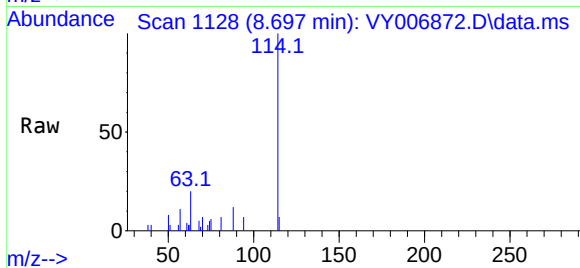
Tgt Ion:114 Resp: 4441

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 11.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 39.115 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006872.D

Acq: 23 Nov 2021 16:54

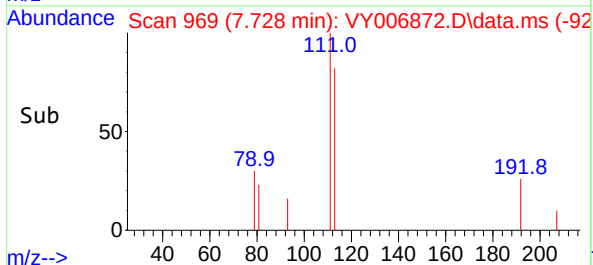
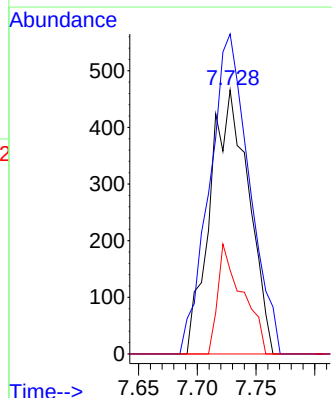
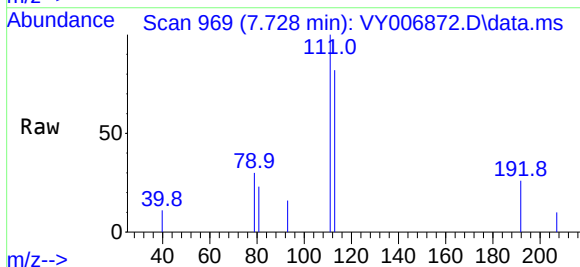
Tgt Ion:113 Resp: 1067

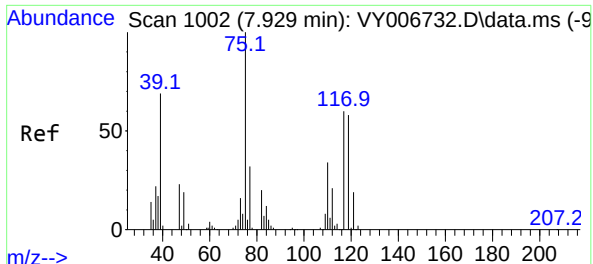
Ion Ratio Lower Upper

113 100

111 124.8 82.3 123.5#

192 26.7 17.4 26.2#





#36

1,1-Dichloropropene

Concen: 4.226 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY006872.D

Acq: 23 Nov 2021 16:54

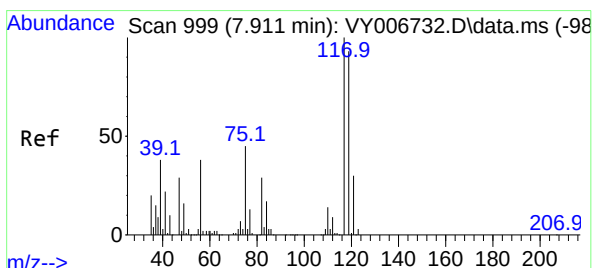
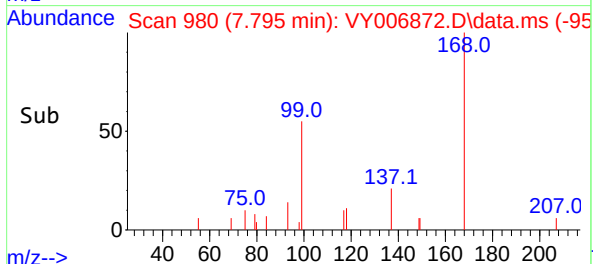
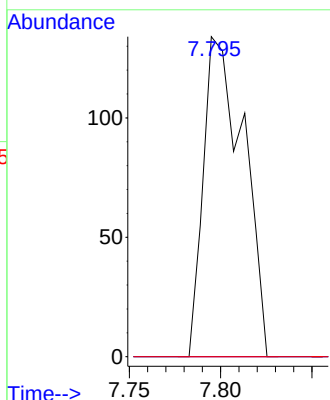
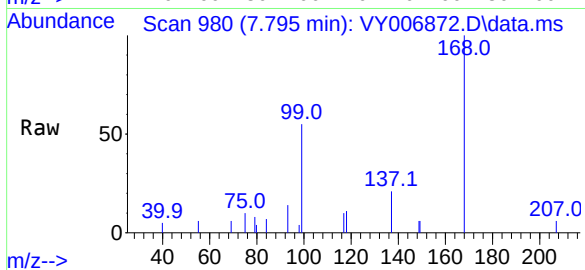
Instrument :

MSVOA_Y

ClientSampleId :

TR-04-112321

Tgt Ion:	75	Resp:	204
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.043 ug/l

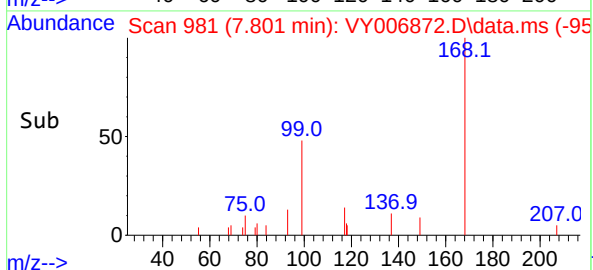
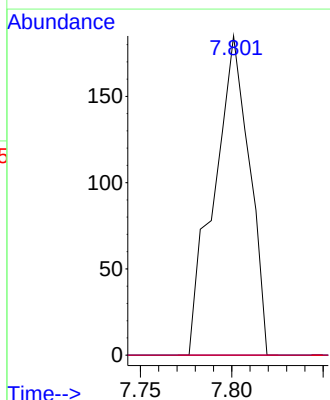
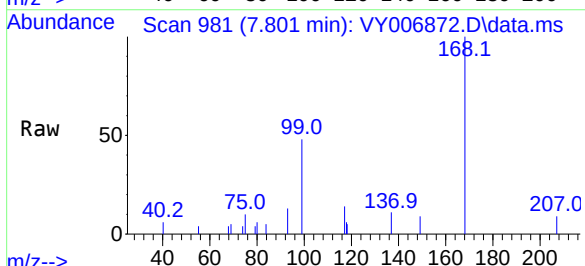
RT: 7.801 min Scan# 981

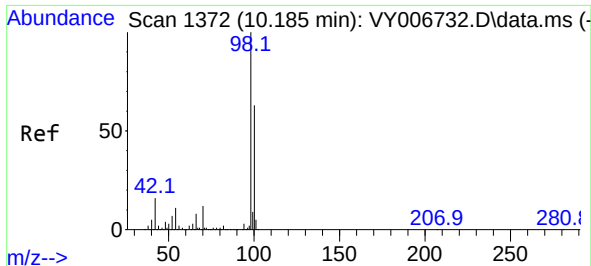
Delta R.T. -0.110 min

Lab File: VY006872.D

Acq: 23 Nov 2021 16:54

Tgt Ion:	117	Resp:	249
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
121	0.0	24.7	37.1#

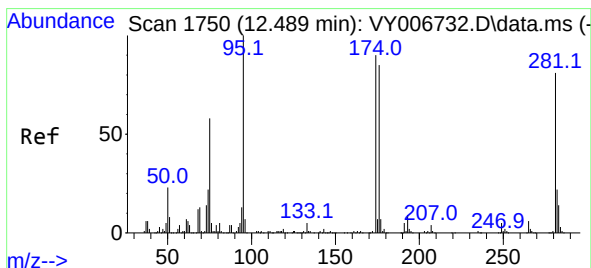
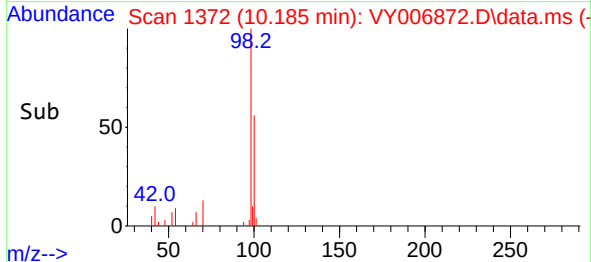
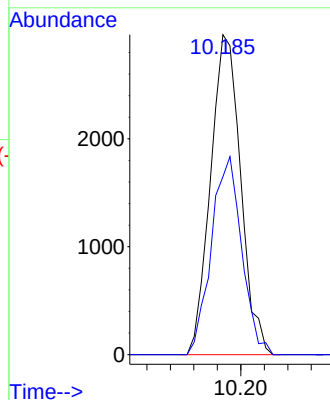
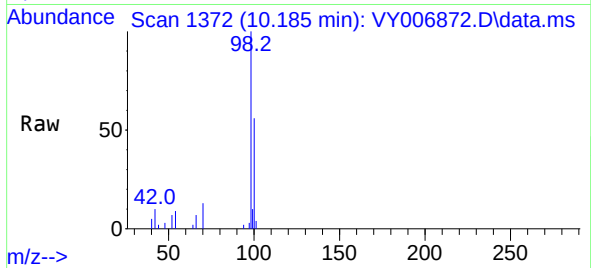




#50
Toluene-d8
Concen: 46.819 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

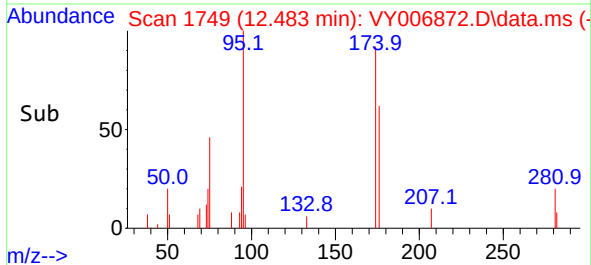
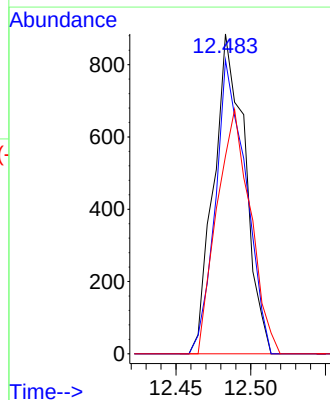
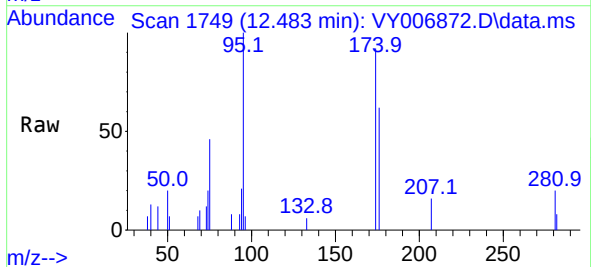
Instrument :
MSVOA_Y
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TR-04-112321

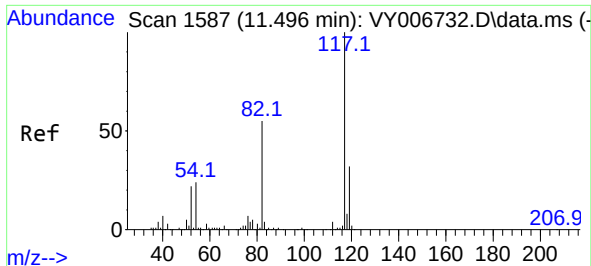
Tgt Ion: 98 Resp: 5285
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 33.609 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Tgt Ion: 95 Resp: 1279
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 82.4 0.0 169.4

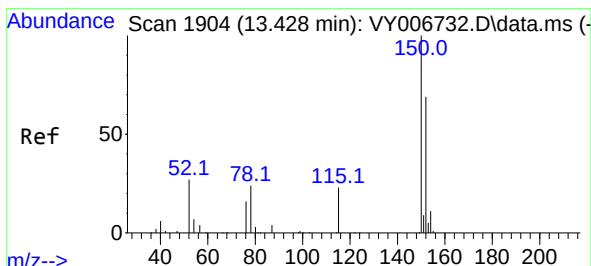
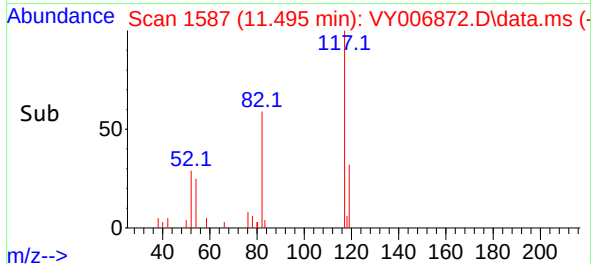
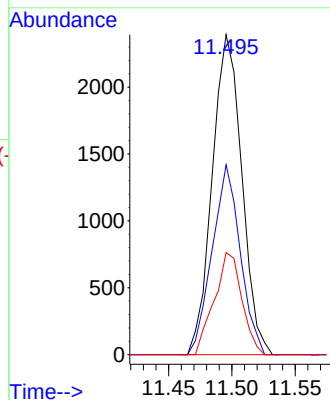
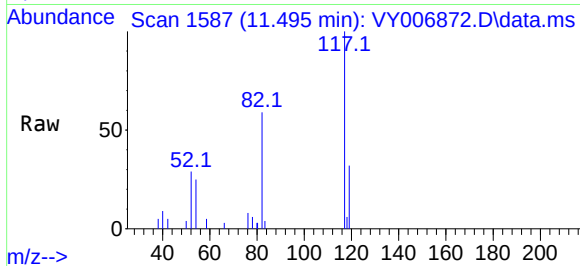




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

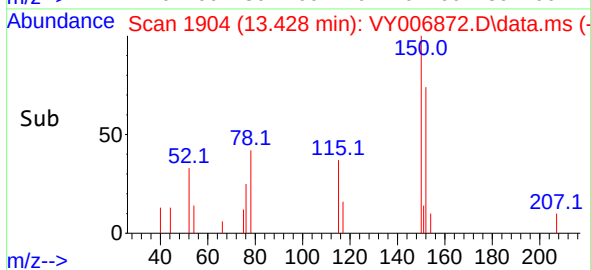
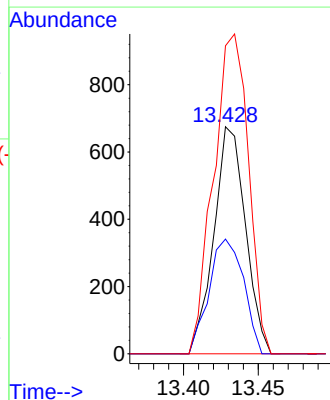
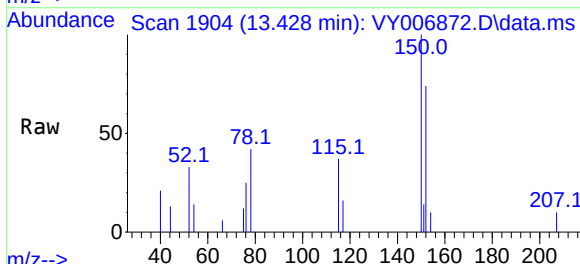
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112321

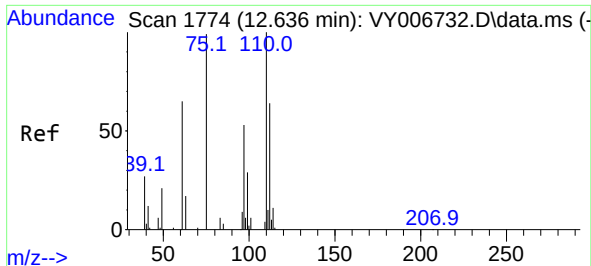
Tgt Ion:	117	Resp:	3887
Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.7	68.5
119	31.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Tgt Ion:	152	Resp:	994
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.5	85.5
150	155.7	0.0	348.2

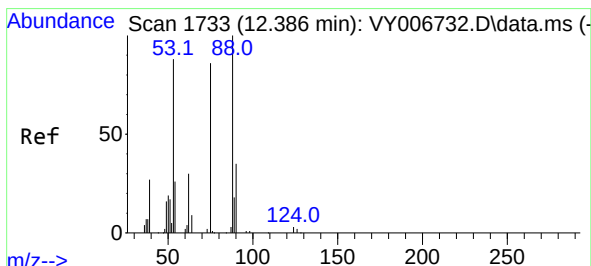
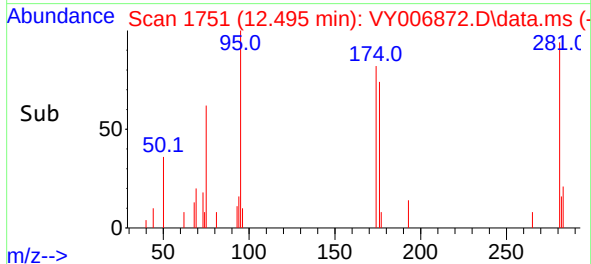
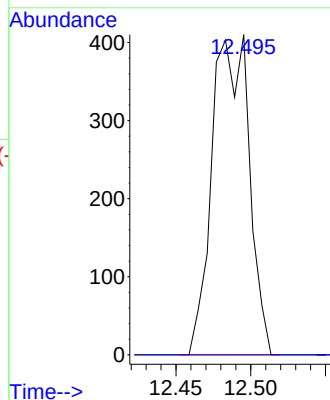
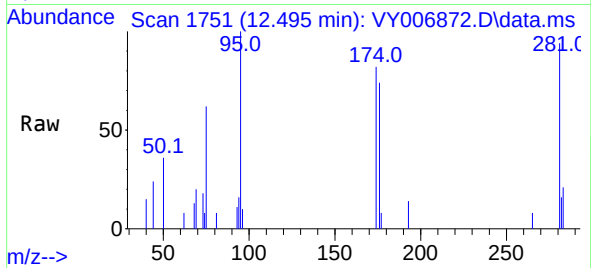




#76
1,2,3-Trichloropropane
Concen: 65.236 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.141 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112321

Tgt Ion: 75 Resp: 705
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 129.262 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Tgt Ion: 75 Resp: 705
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

