

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 :

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)

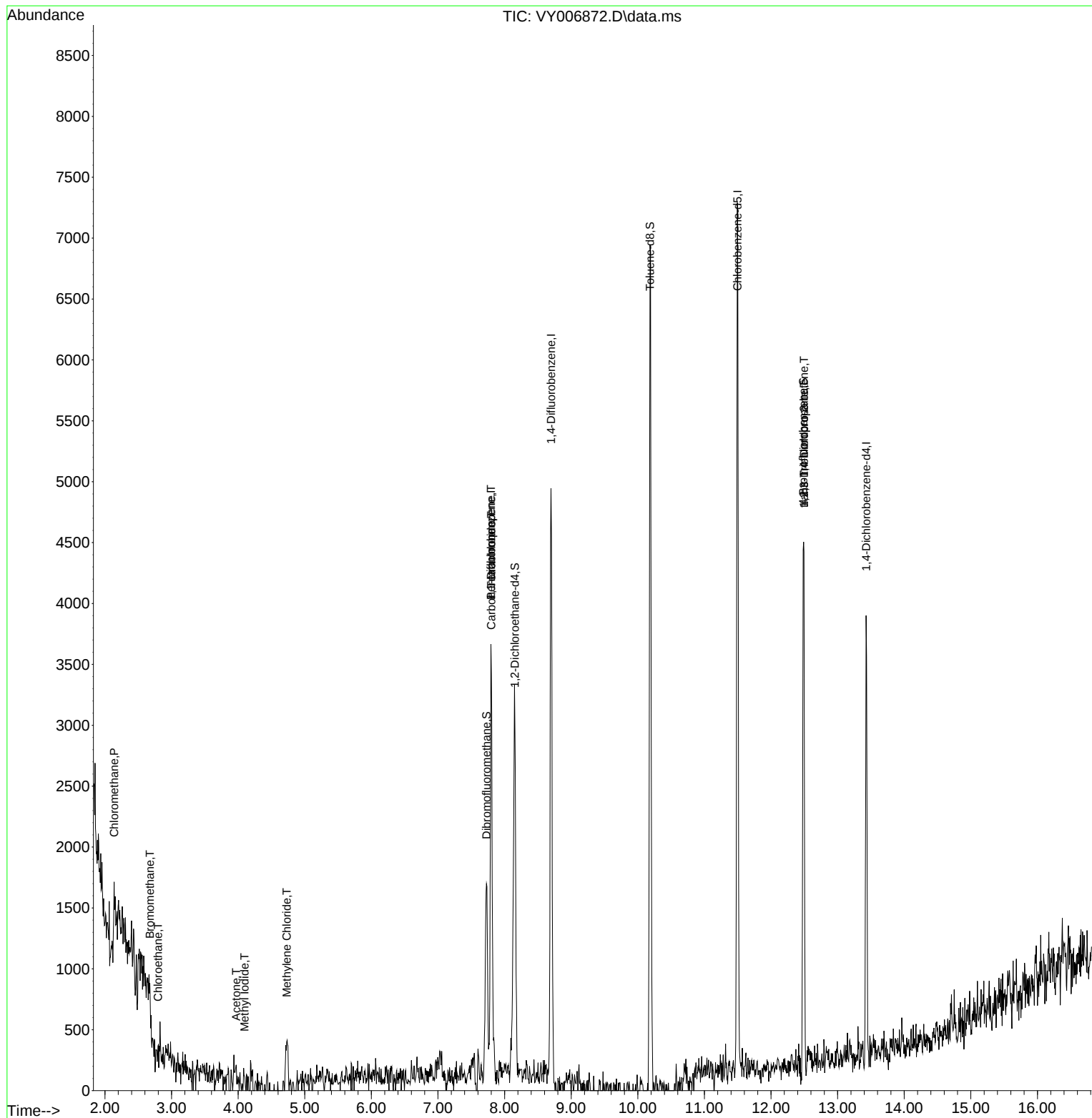
Internal Standards						
1) Pentafluorobenzene	7.795	168	2808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

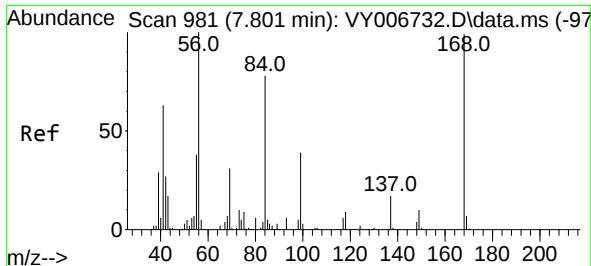
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
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ALS Vial : 15 Sample Multiplier: 1

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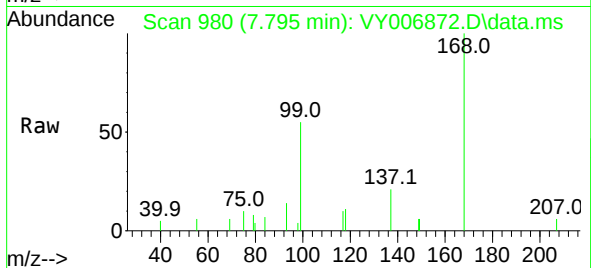
Quant Time: Nov 24 02:05:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration



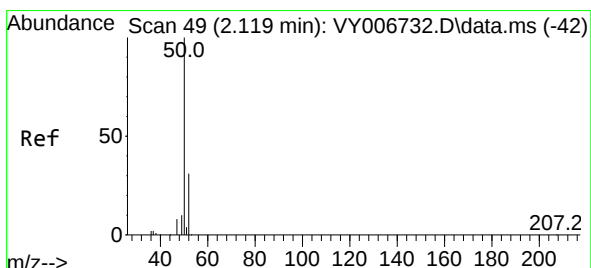
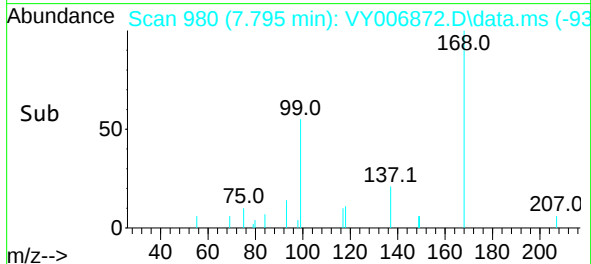
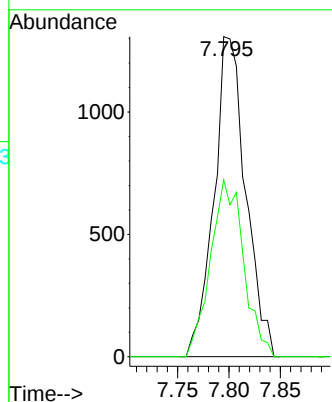


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

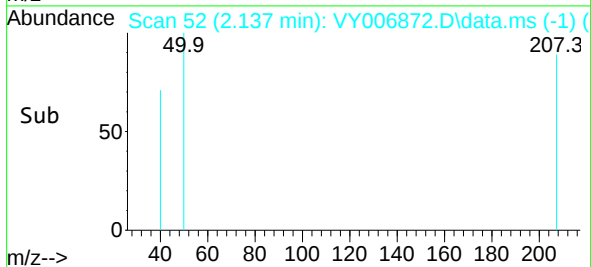
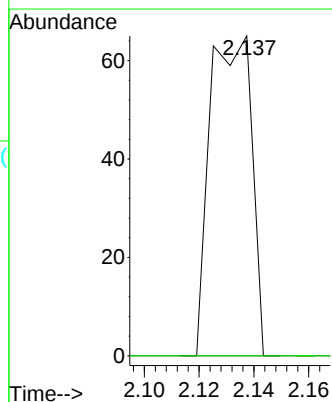
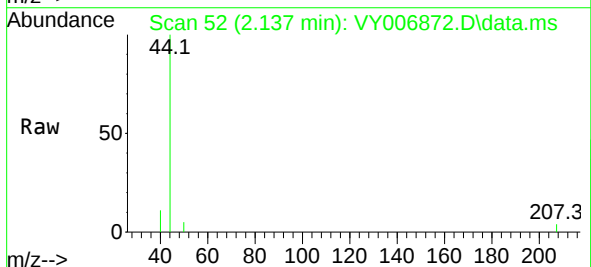


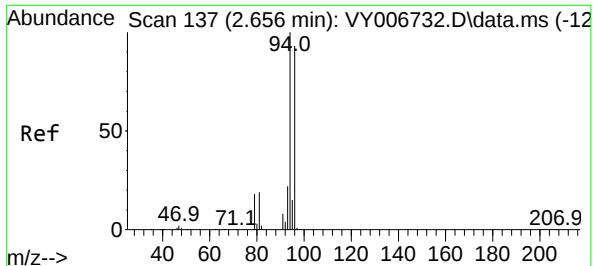
Tgt Ion:168 Resp: 2808
Ion Ratio Lower Upper
168 100
99 55.3 44.8 67.2



#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

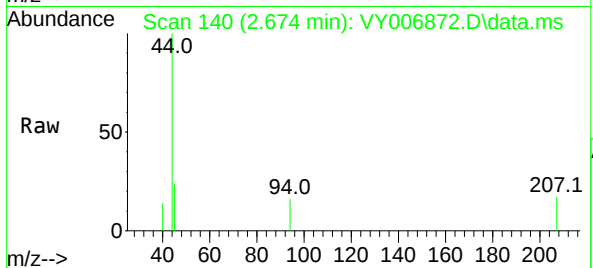
Tgt Ion: 50 Resp: 68
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



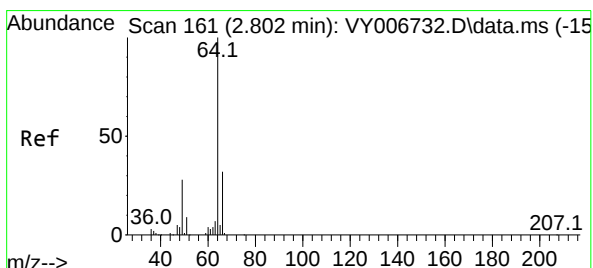
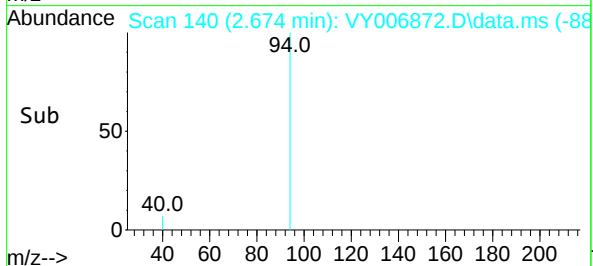
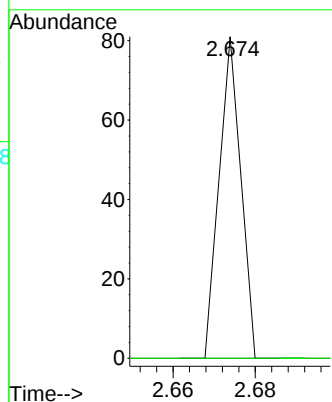


#5
Bromomethane
Concen: 1.367 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

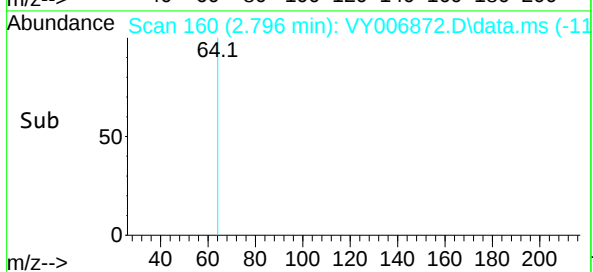
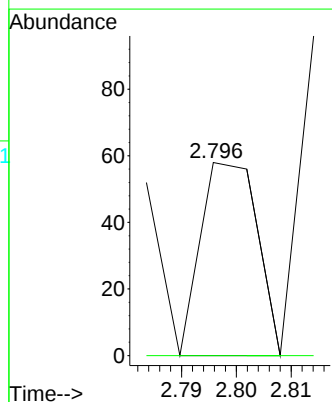
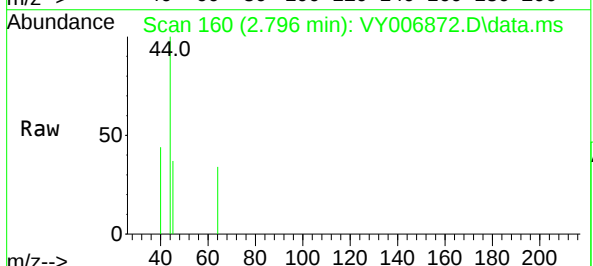


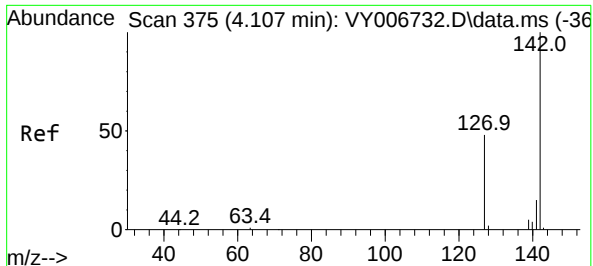
Tgt Ion: 94 Resp: 30
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#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

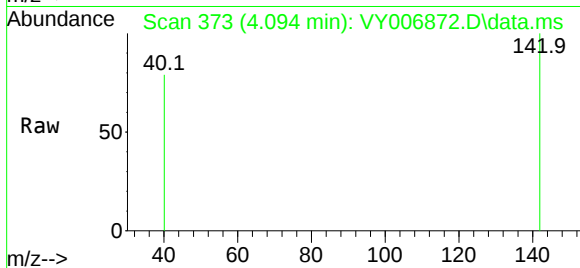
Lab File: VY006872.D

Acq: 23 Nov 2021 16:54

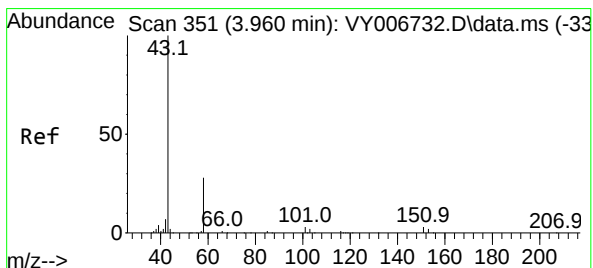
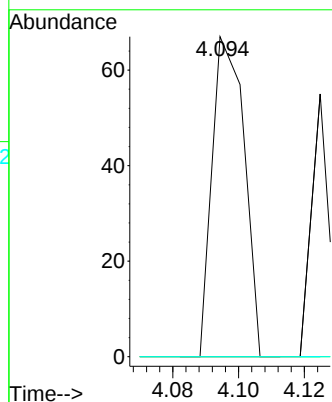
Instrument :

MSVOA_Y

ClientSampleId :



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

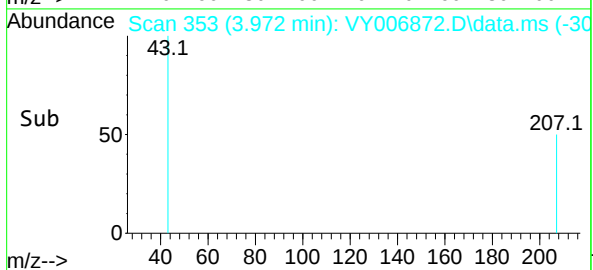
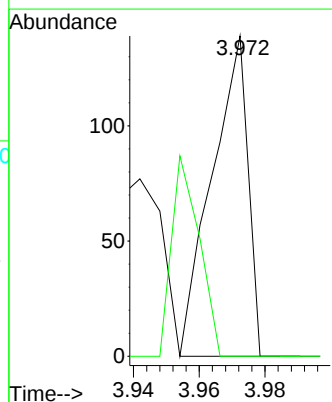
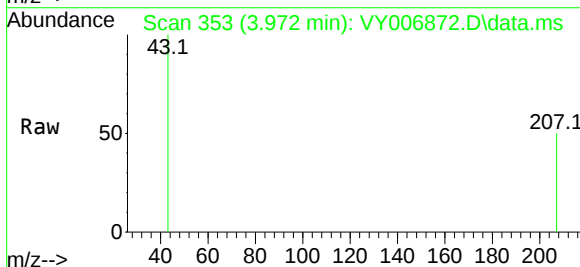
RT: 3.972 min Scan# 353

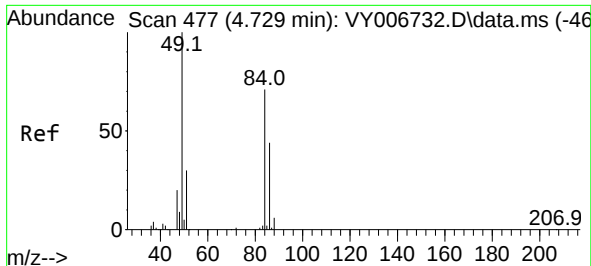
Delta R.T. 0.012 min

Lab File: VY006872.D

Acq: 23 Nov 2021 16:54

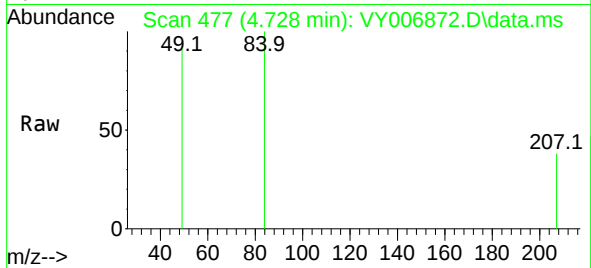
Tgt Ion:	43	Resp:	106
Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	34.3#



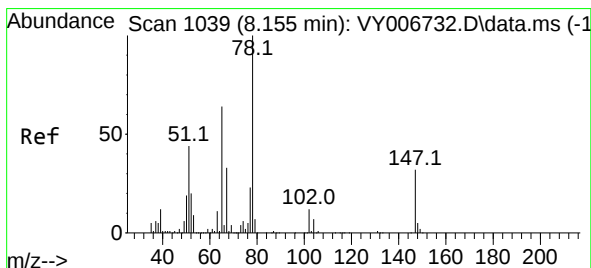
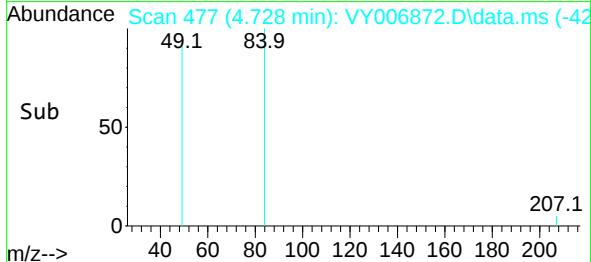
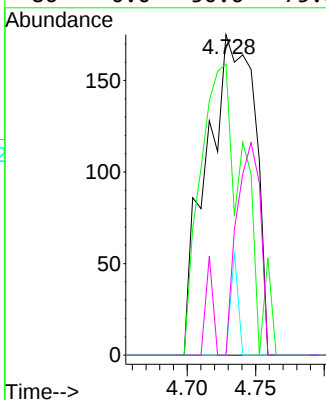


#20
Methylene Chloride
Concen: 10.029 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

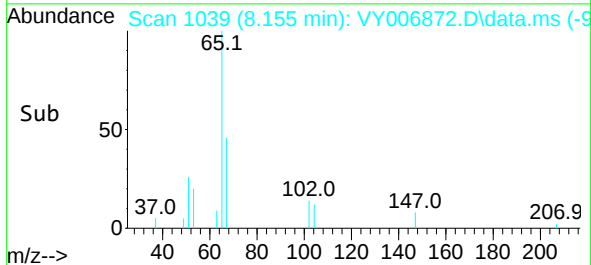
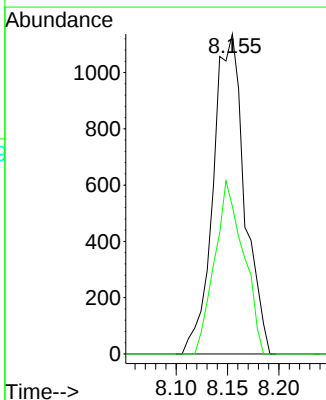
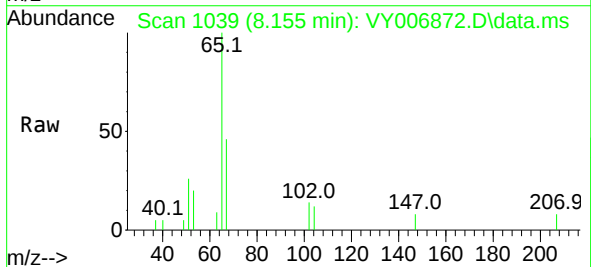


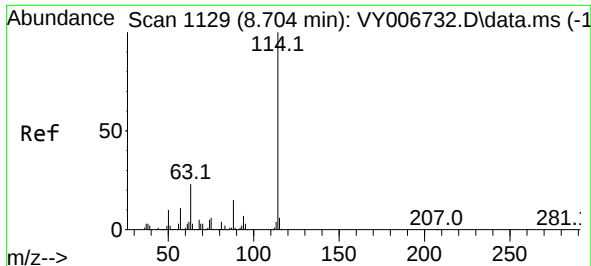
Tgt Ion: 84 Resp: 426
Ion Ratio Lower Upper
84 100
49 90.9 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#



#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

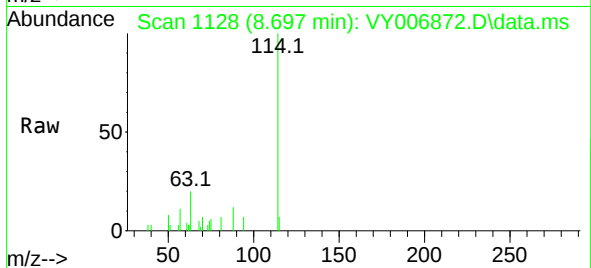
Lab File: VY006872.D

Acq: 23 Nov 2021 16:54

Instrument :

MSVOA_Y

ClientSampleId :



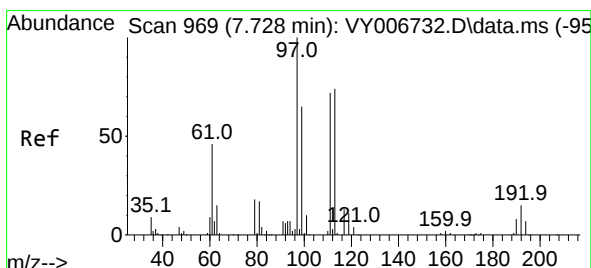
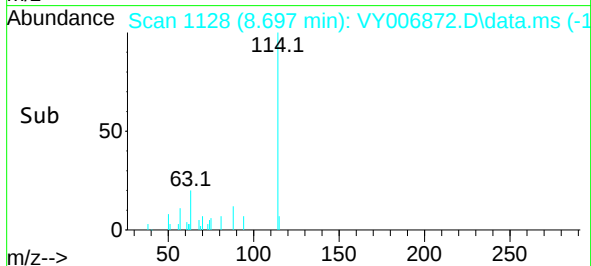
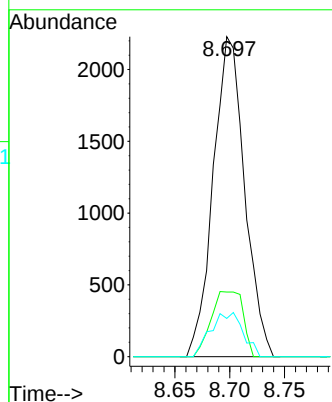
Tgt Ion:114 Resp: 4441

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

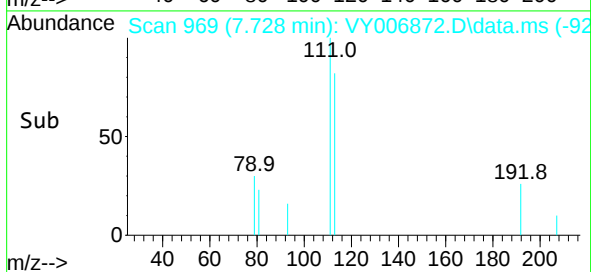
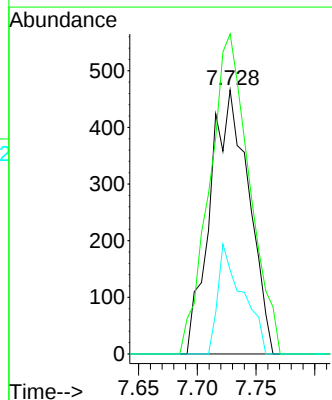
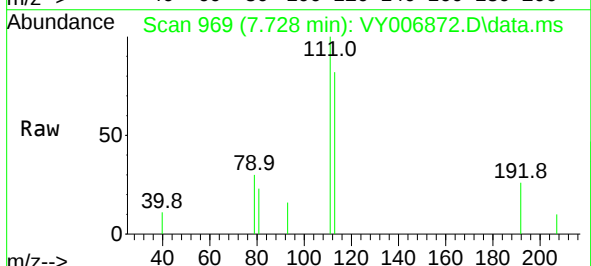
Tgt Ion:113 Resp: 1067

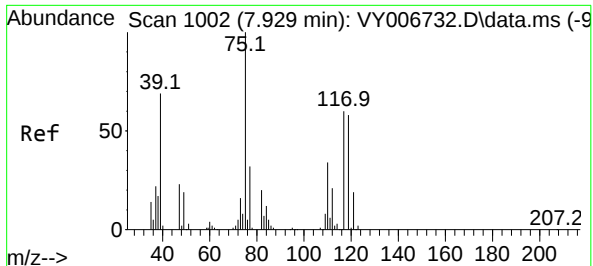
Ion Ratio Lower Upper

113 100

111 124.8 82.3 123.5#

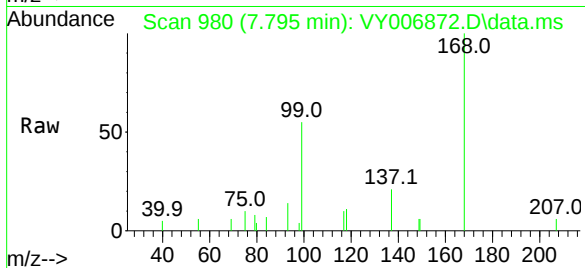
192 26.7 17.4 26.2#



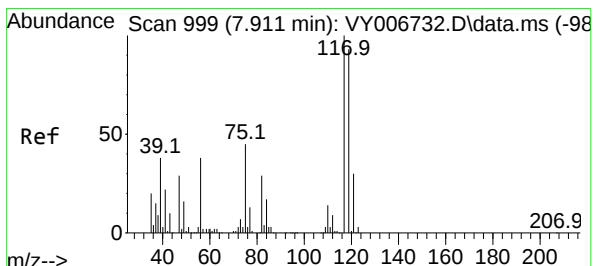
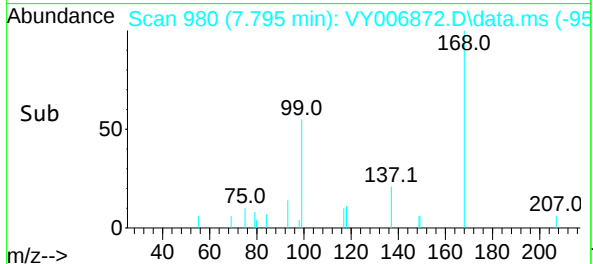
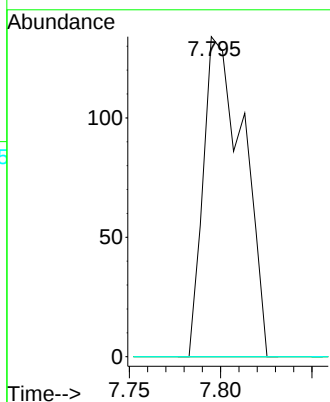


#36
 1,1-Dichloropropene
 Concen: 4.226 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY006872.D
 Acq: 23 Nov 2021 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :

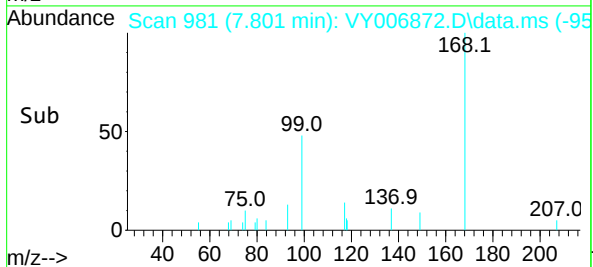
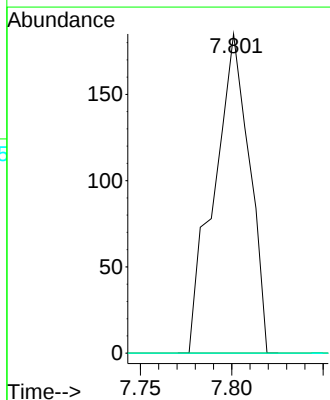
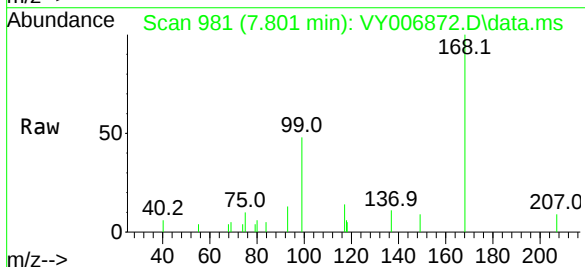


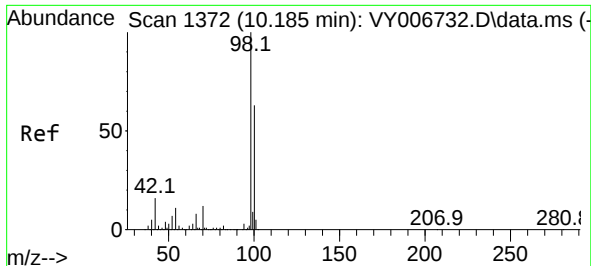
Tgt Ion: 75 Resp: 204
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.3#
 77 0.0 24.9 37.3#



#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#

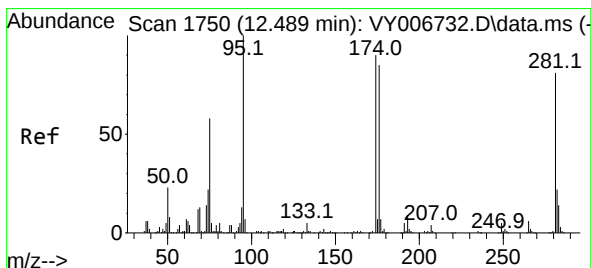
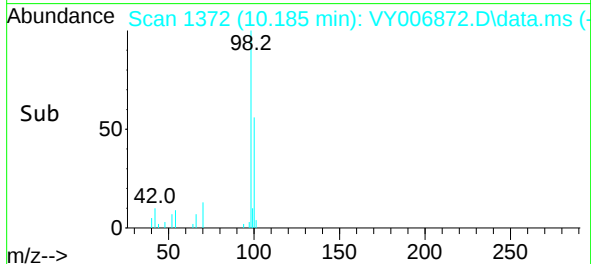
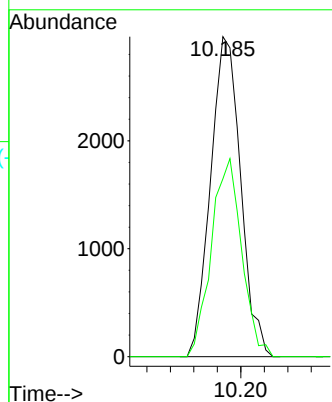
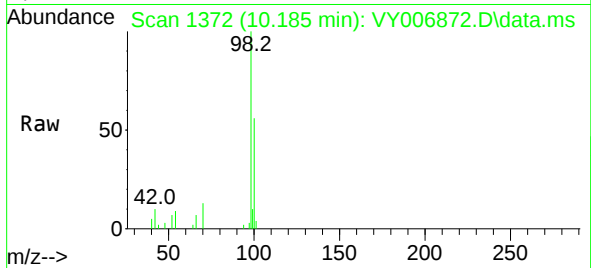




#50
Toluene-d8
Concen: 46.819 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

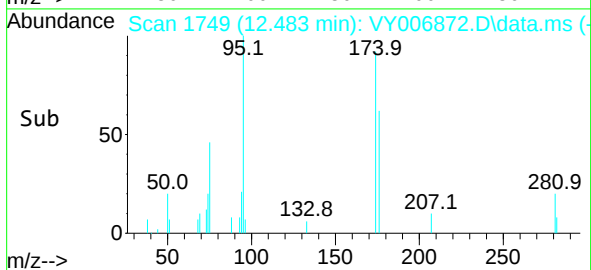
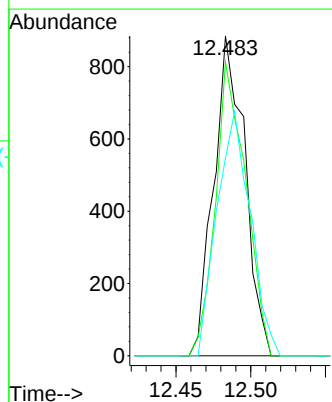
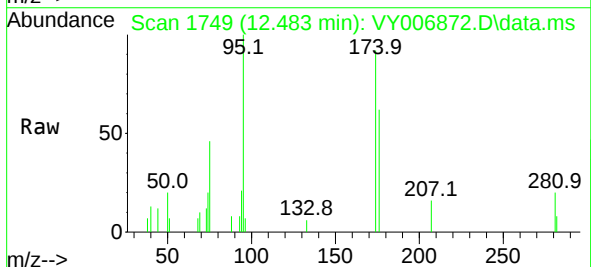
Instrument :
MSVOA_Y
ClientSampleId :

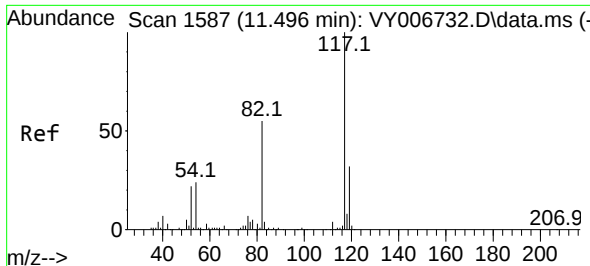
Tgt Ion: 98 Resp: 5285
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#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

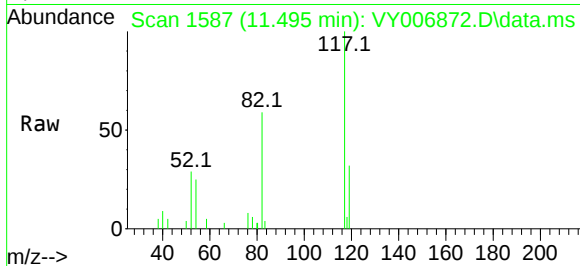
Tgt Ion: 95 Resp: 1279
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 82.4 0.0 169.4



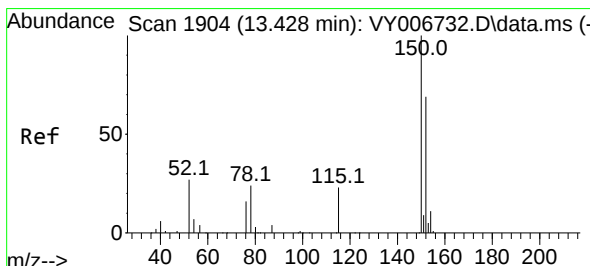
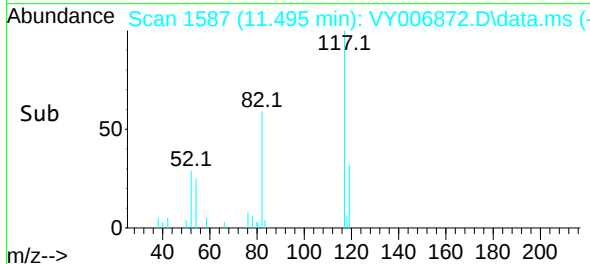
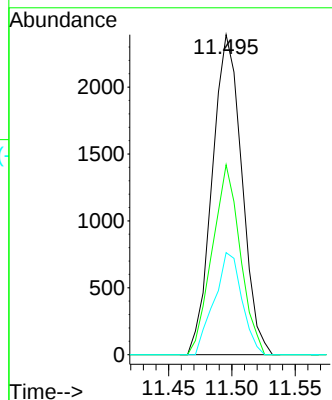


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006872.D
Acq: 23 Nov 2021 16:54

Instrument :
MSVOA_Y
ClientSampleId :

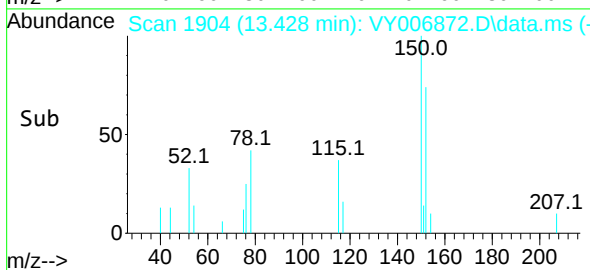
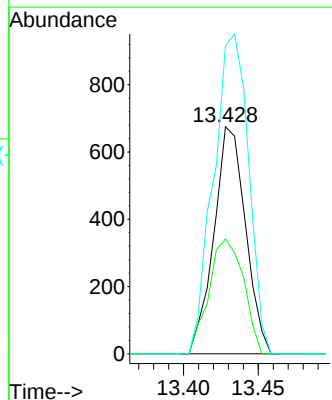
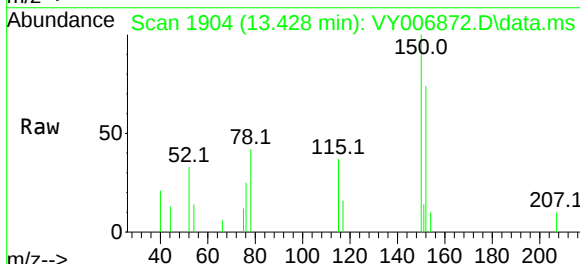


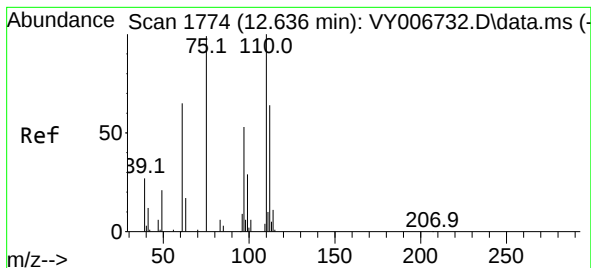
Tgt Ion:	117	Resp:	3887
Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.7	68.5
119	31.9	25.5	38.3



#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

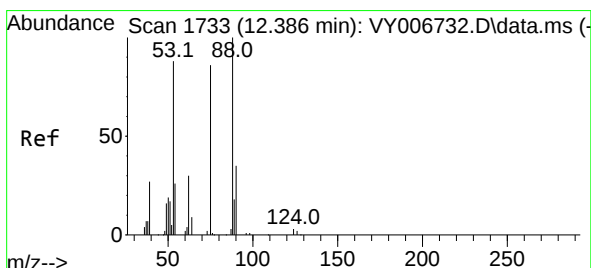
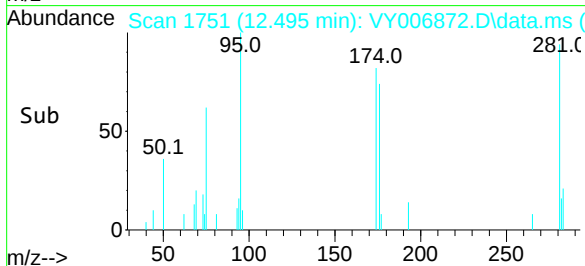
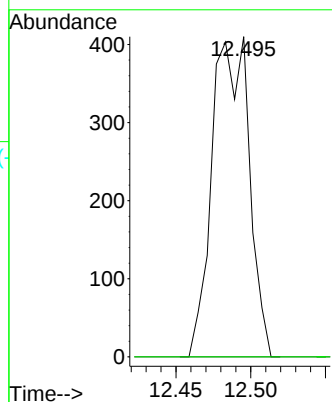
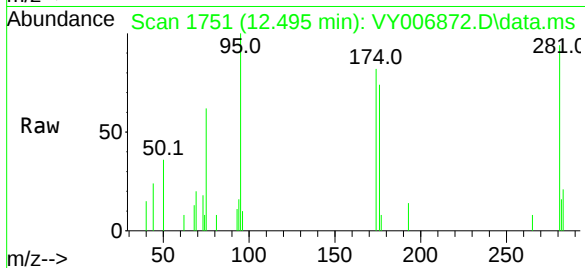
ClientSampleId :

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#

