

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006871.D
 Acq On : 23 Nov 2021 16:31
 Operator : SY/MD
 Sample : M4818-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 02:05:01 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)

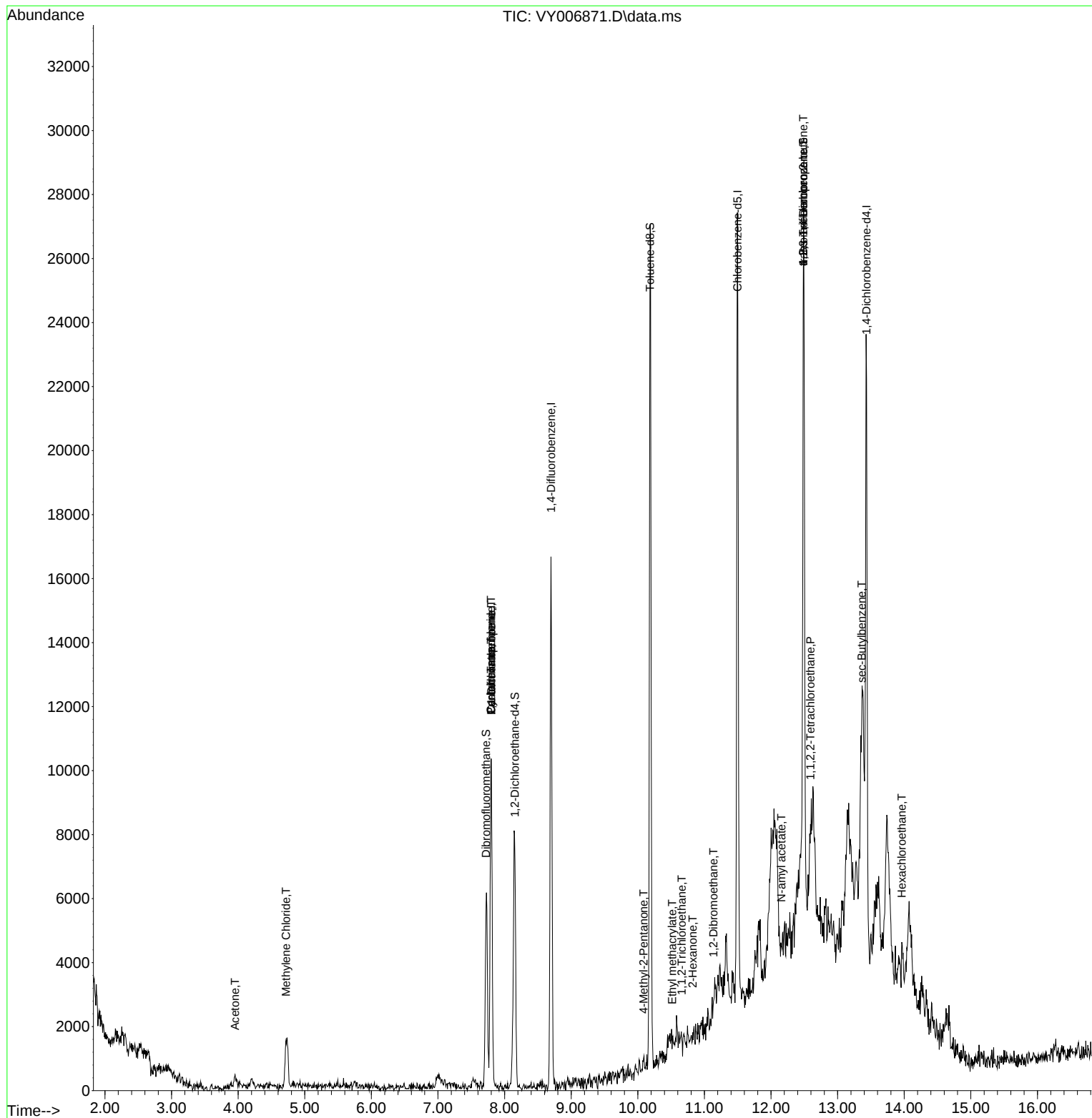
Internal Standards						
1) Pentafluorobenzene	7.801	168	7843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	4192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6101	59.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.700%	
35) Dibromofluoromethane	7.722	113	3855	50.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.500%	
50) Toluene-d8	10.185	98	16601	52.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.483	95	5108	47.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.460%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	420	13.448	ug/l #	85
20) Methylene Chloride	4.716	84	456	1.574	ug/l #	81
31) Cyclohexane	7.795	56	213	1.179	ug/l #	35
36) 1,1-Dichloropropene	7.801	75	713	5.252	ug/l #	42
38) Carbon Tetrachloride	7.795	117	797	5.740	ug/l #	12
51) 4-Methyl-2-Pentanone	10.087	43	185	2.063	ug/l #	62
55) 1,1,2-Trichloroethane	10.660	97	136	1.984	ug/l #	44
56) Ethyl methacrylate	10.514	69	300	2.815	ug/l #	23
59) 2-Hexanone	10.825	43	116	25.411	ug/l #	28
61) 1,2-Dibromoethane	11.136	107	80	1.260	ug/l	96
74) N-amyl acetate	12.154	43	72	3.739	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.593	83	140	2.370	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	2939	64.485	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2939	127.776	ug/l #	7
85) sec-Butylbenzene	13.361	105	371	1.096	ug/l	84
90) Hexachloroethane	13.965	117	86	1.666	ug/l #	6

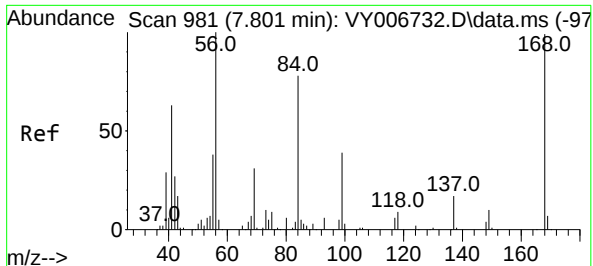
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

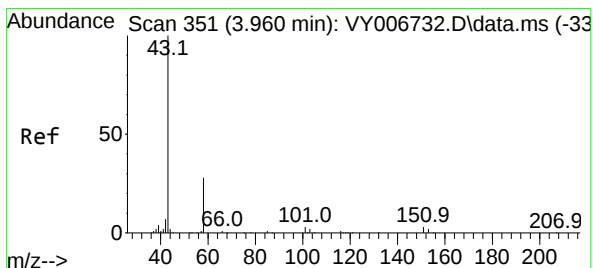
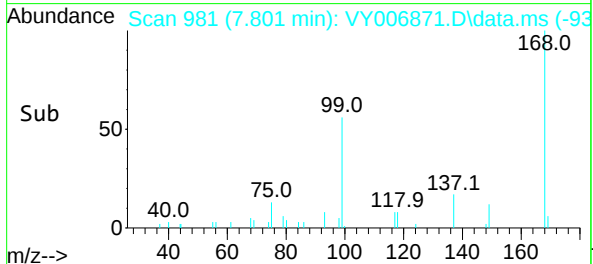
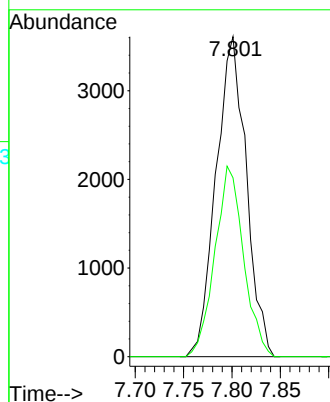
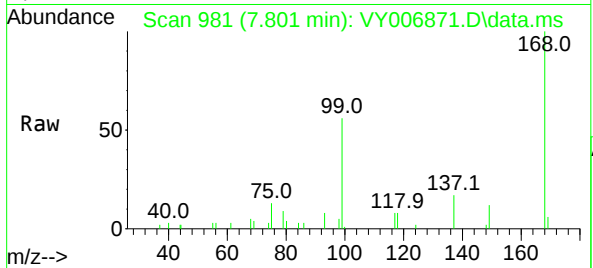




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

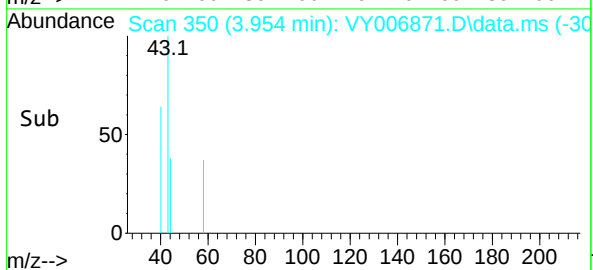
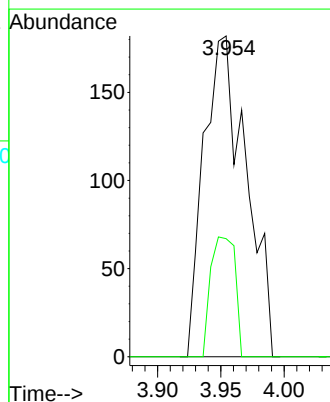
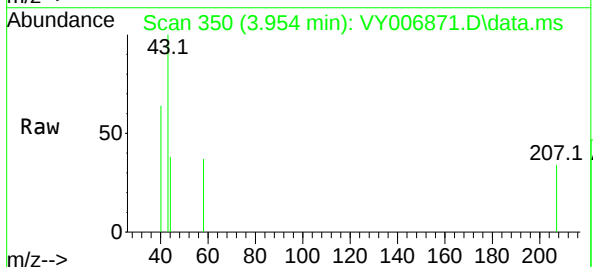
Instrument :
MSVOA_Y
ClientSampleId :

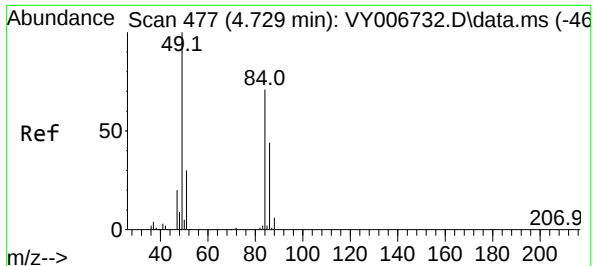
Tgt Ion:168 Resp: 7843
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#16
Acetone
Concen: 13.448 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

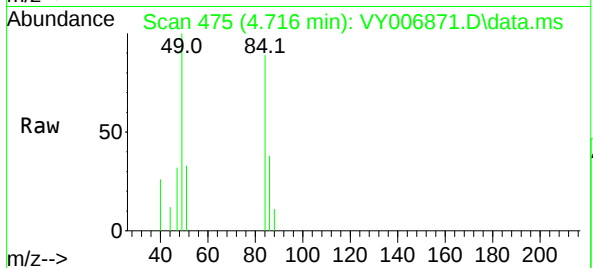
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 36.8 22.9 34.3#



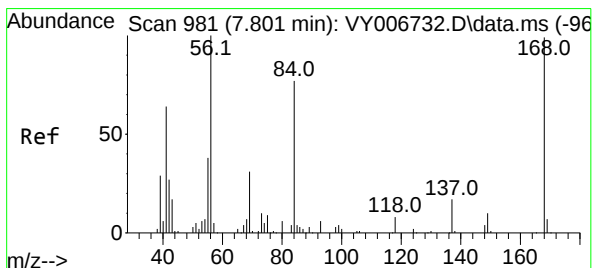
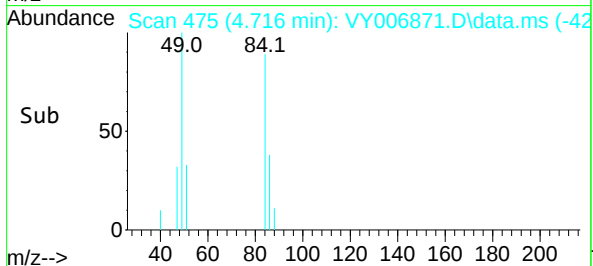
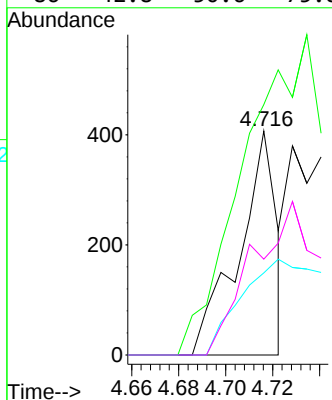


#20
Methylene Chloride
Concen: 1.574 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Instrument :
MSVOA_Y
ClientSampleId :

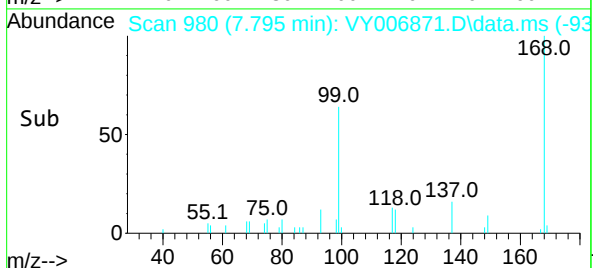
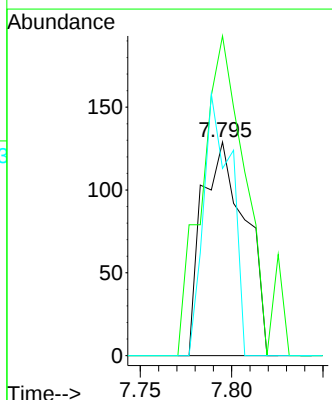
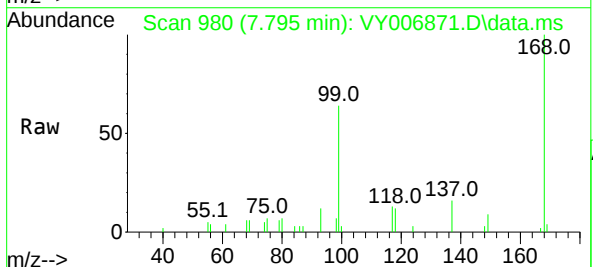


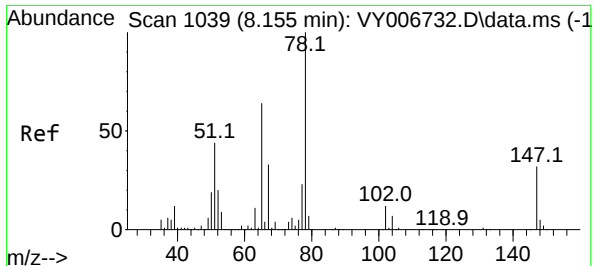
Tgt Ion: 84 Resp: 456
Ion Ratio Lower Upper
84 100
49 111.8 107.8 161.8
51 36.6 32.8 49.2
86 42.8 50.6 75.8#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Tgt Ion: 56 Resp: 213
Ion Ratio Lower Upper
56 100
69 149.6 26.6 40.0#
84 87.6 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 59.353 ug/l

RT: 8.155 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006871.D

Acq: 23 Nov 2021 16:31

Instrument :

MSVOA_Y

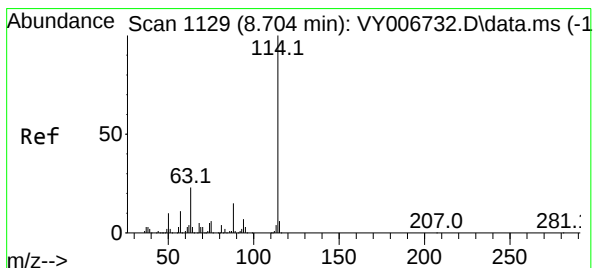
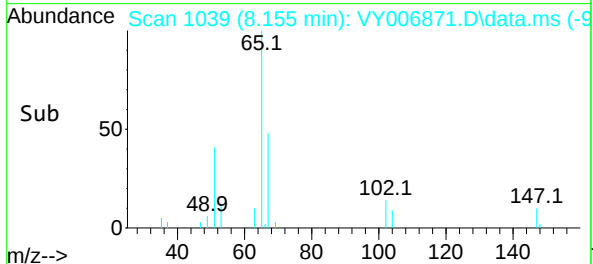
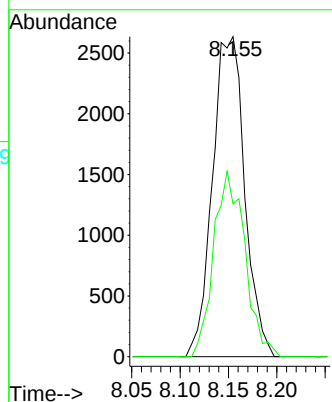
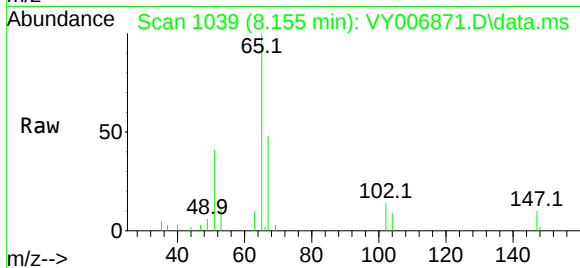
ClientSampleId :

Tgt Ion: 65 Resp: 6101

Ion Ratio Lower Upper

65 100

67 56.0 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: VY006871.D

Acq: 23 Nov 2021 16:31

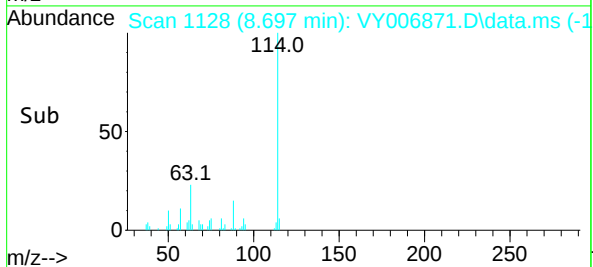
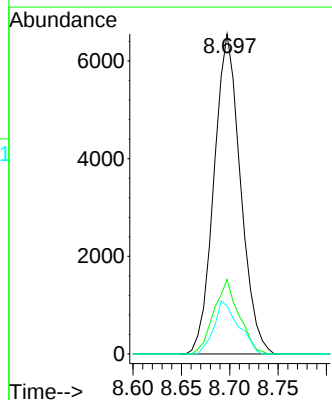
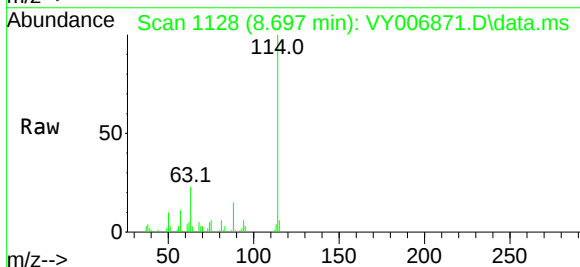
Tgt Ion: 114 Resp: 12489

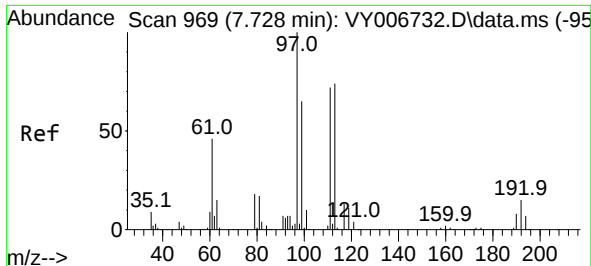
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

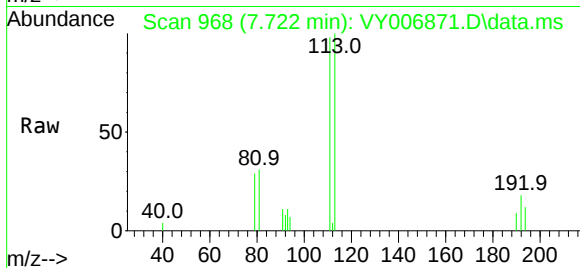
88 15.0 0.0 30.6



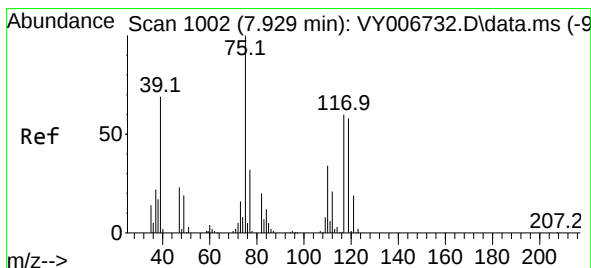
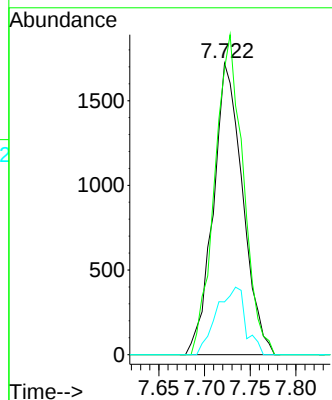
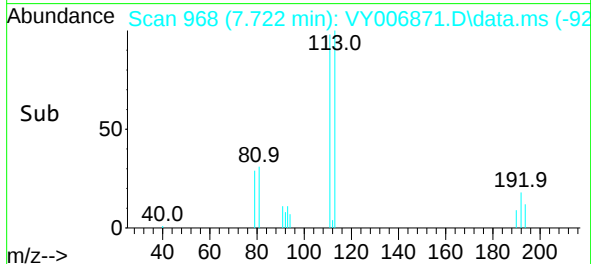


#35
Dibromofluoromethane
Concen: 50.253 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

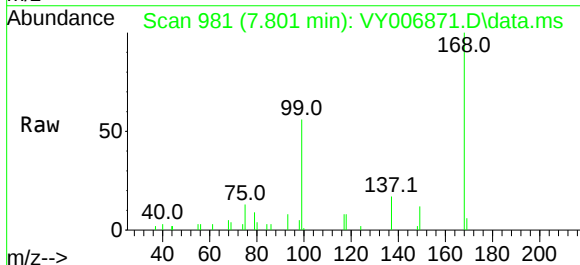
Instrument :
MSVOA_Y
ClientSampleId :



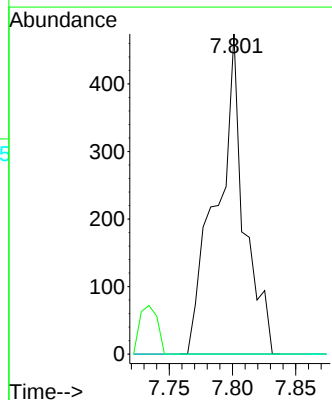
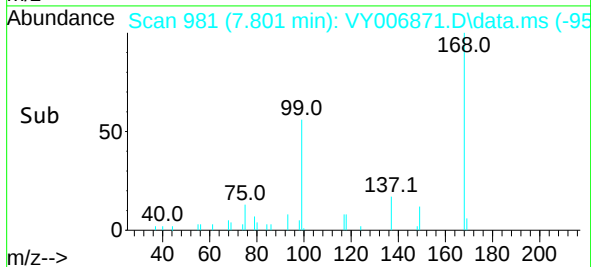
Tgt Ion:113 Resp: 3855
Ion Ratio Lower Upper
113 100
111 106.4 82.3 123.5
192 22.9 17.4 26.2

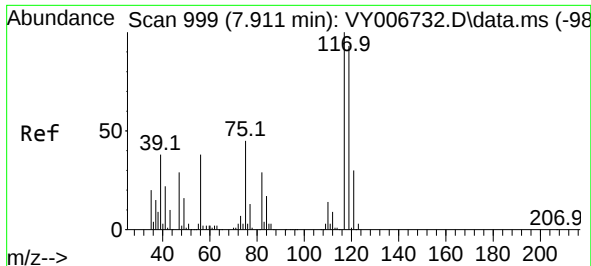


#36
1,1-Dichloropropene
Concen: 5.252 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31



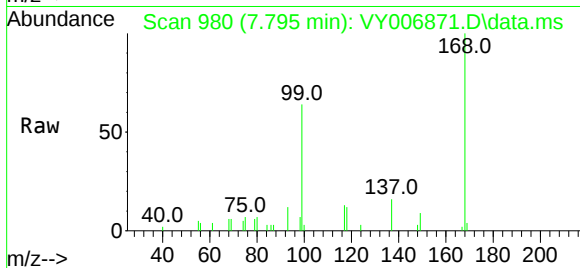
Tgt Ion: 75 Resp: 713
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



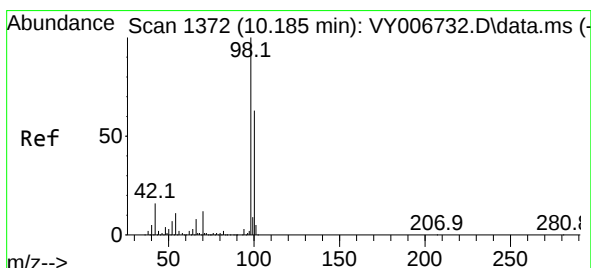
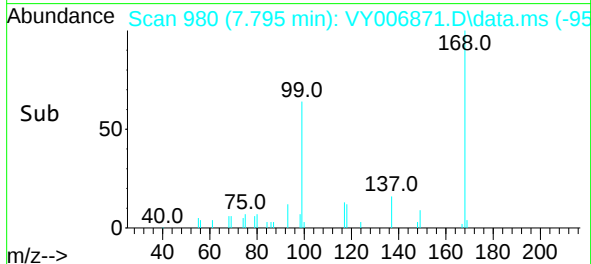
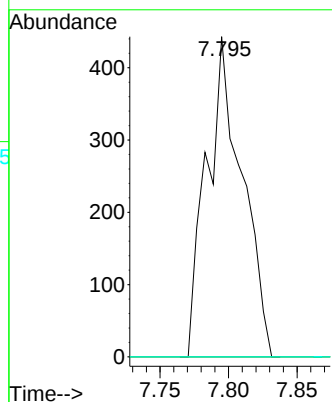


#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Instrument :
MSVOA_Y
ClientSampleId :

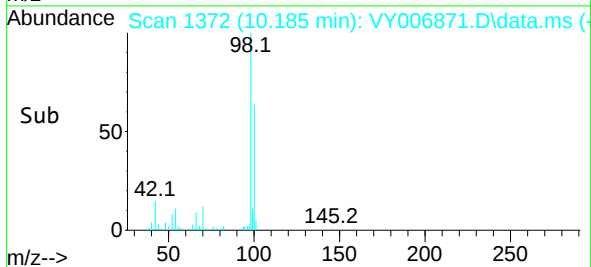
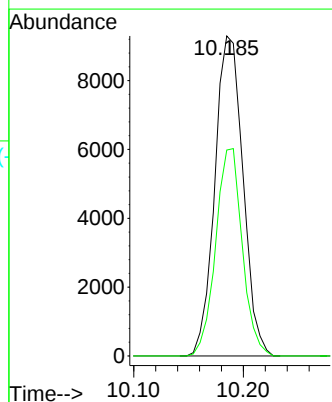
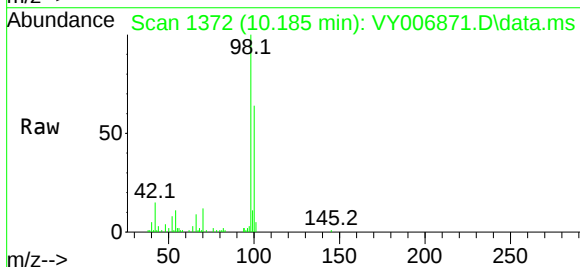


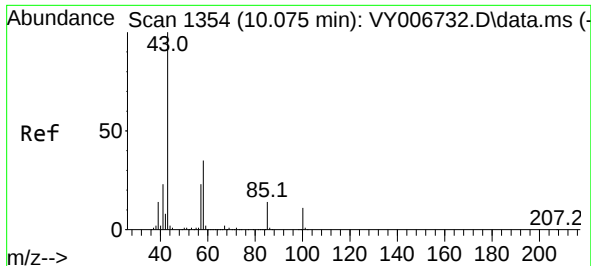
Tgt Ion:117 Resp: 797
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.296 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Tgt Ion: 98 Resp: 16601
Ion Ratio Lower Upper
98 100
100 61.2 50.9 76.3

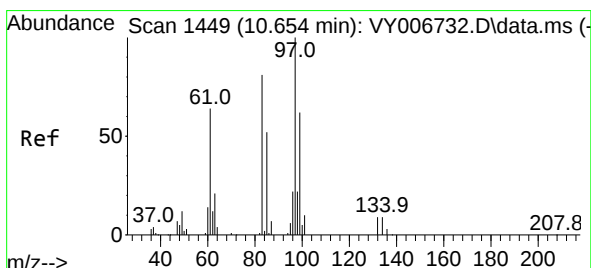
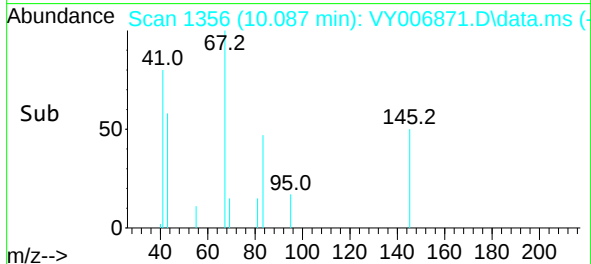
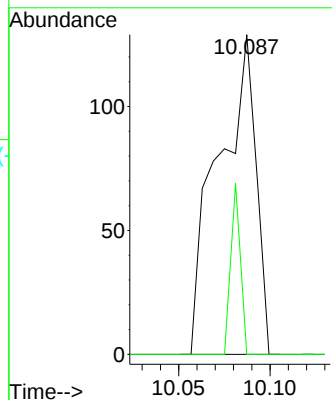
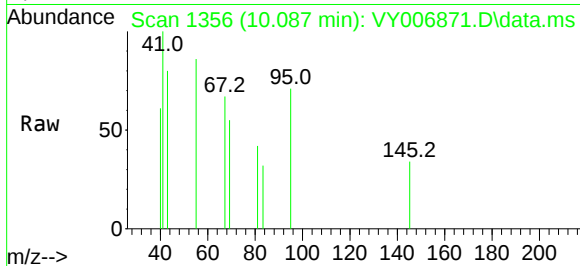




#51
4-Methyl-2-Pentanone
Concen: 2.063 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

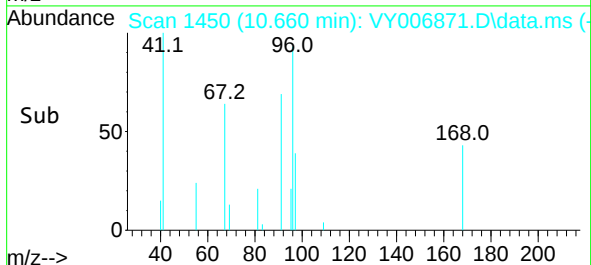
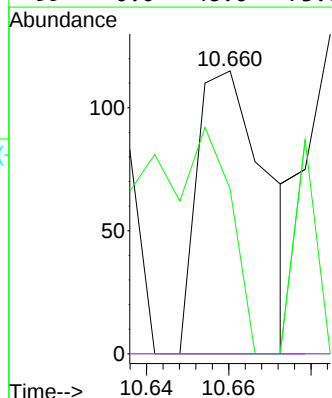
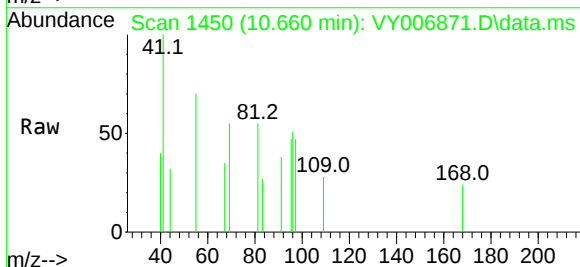
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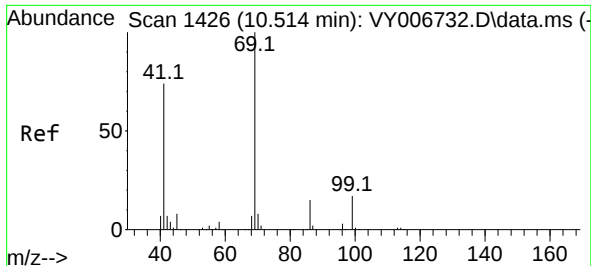
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
58 13.5 28.7 43.1#



#55
1,1,2-Trichloroethane
Concen: 1.984 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

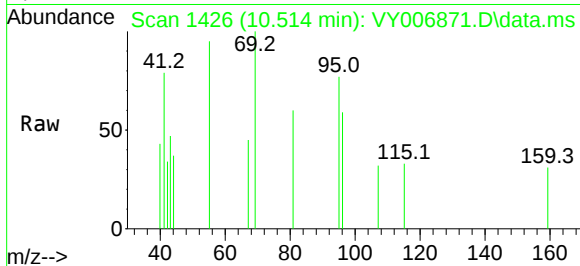
Tgt Ion: 97 Resp: 136
Ion Ratio Lower Upper
97 100
83 58.3 66.2 99.2#
85 0.0 42.2 63.4#
99 0.0 48.6 73.0#



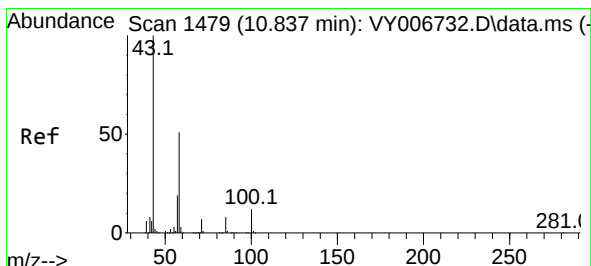
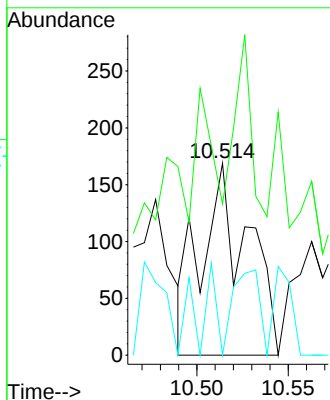
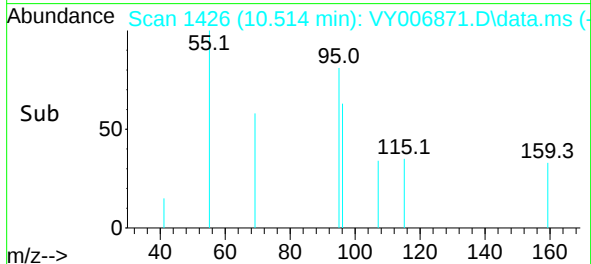


#56
Ethyl methacrylate
Concen: 2.815 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

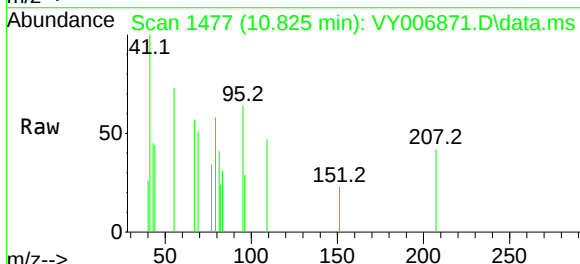
Instrument :
MSVOA_Y
ClientSampleId :



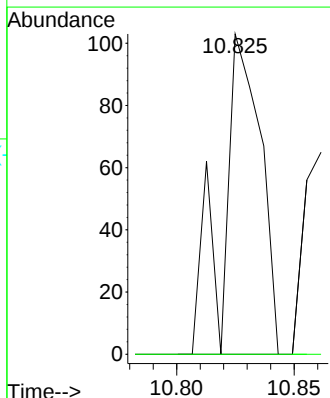
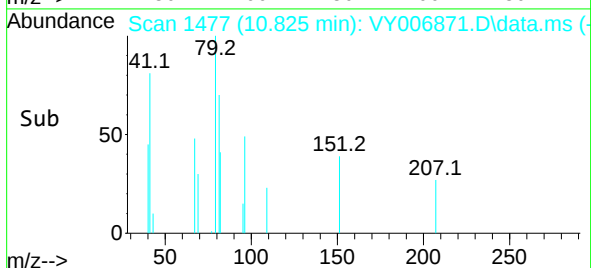
Tgt Ion: 69 Resp: 300
Ion Ratio Lower Upper
69 100
41 0.0 62.9 94.3#
39 10.0 35.7 53.5#

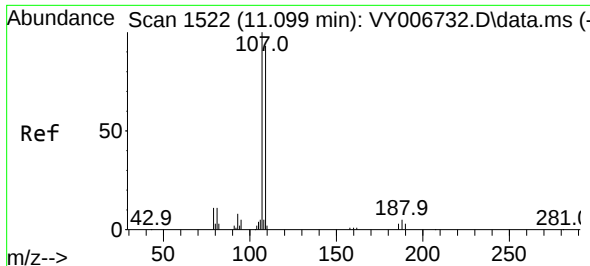


#59
2-Hexanone
Concen: 25.411 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.012 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31



Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

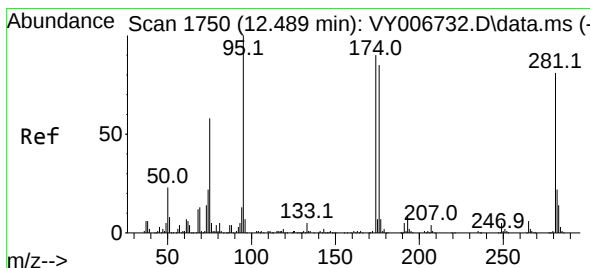
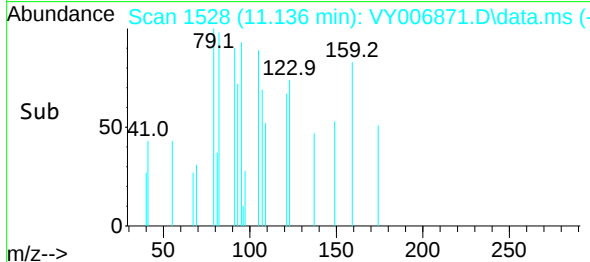
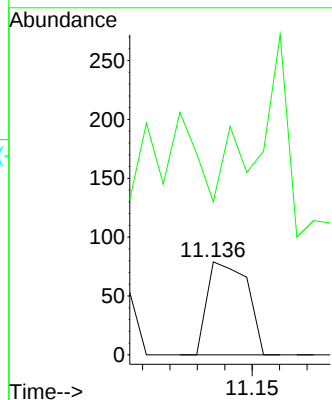
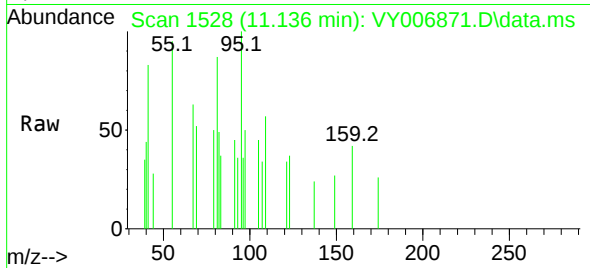




#61
1,2-Dibromoethane
Concen: 1.260 ug/l
RT: 11.136 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

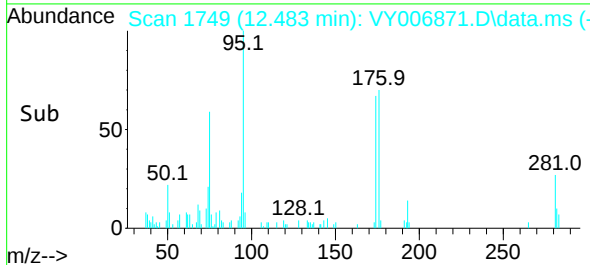
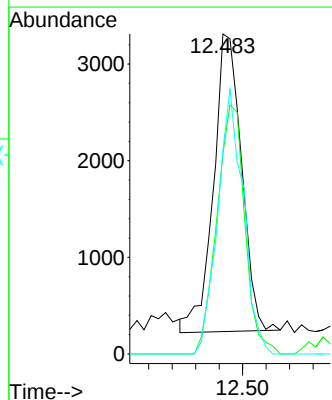
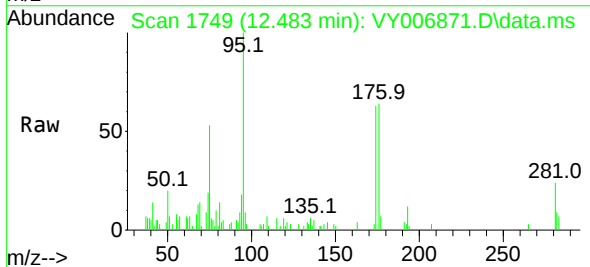
Instrument :
MSVOA_Y
ClientSampleId :

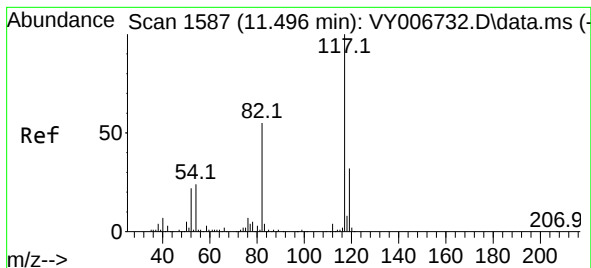
Tgt Ion:107 Resp: 80
Ion Ratio Lower Upper
107 100
109 98.8 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 47.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

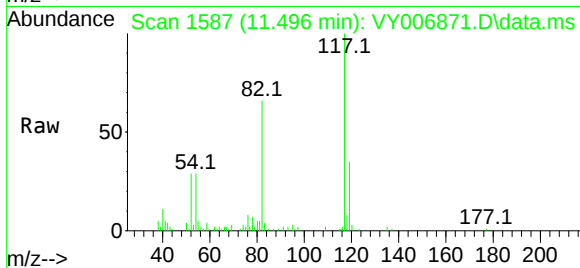
Tgt Ion: 95 Resp: 5108
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 81.3 0.0 169.4



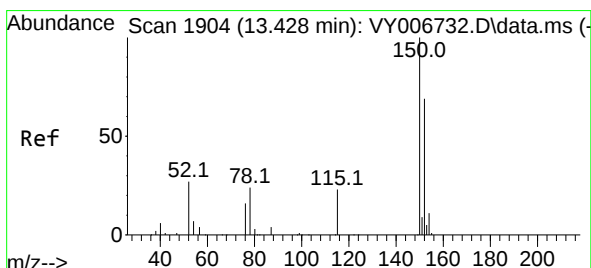
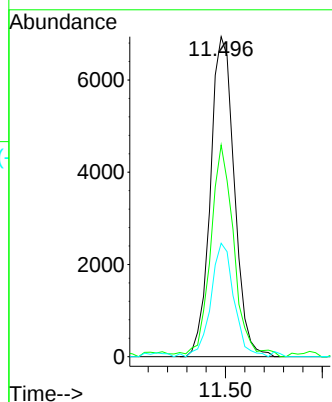
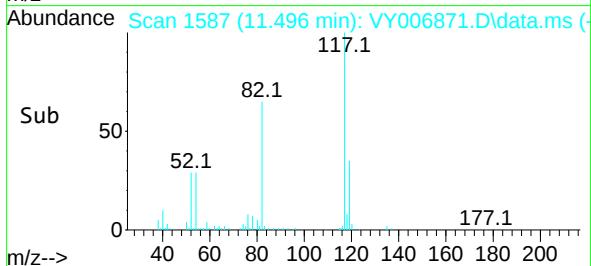


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Instrument :
MSVOA_Y
ClientSampleId :

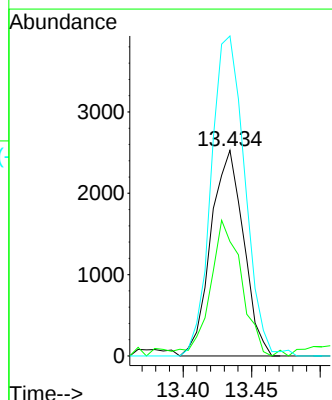
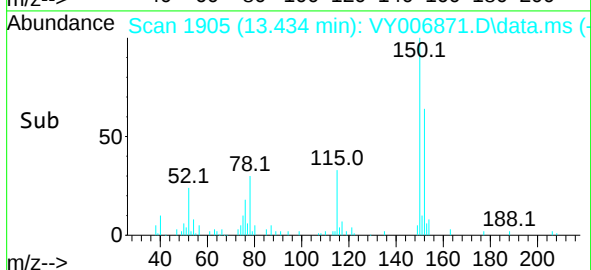
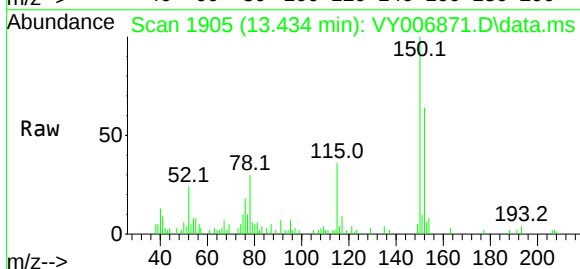


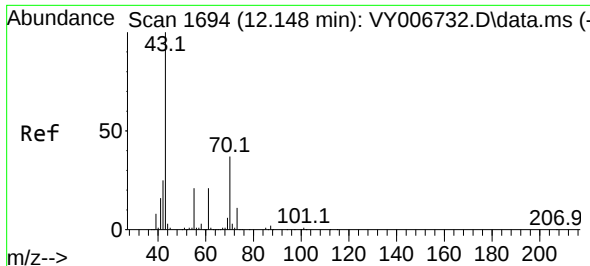
Tgt Ion:	117	Resp:	11920
Ion Ratio	Lower	Upper	
117	100		
82	66.2	45.7	68.5
119	34.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

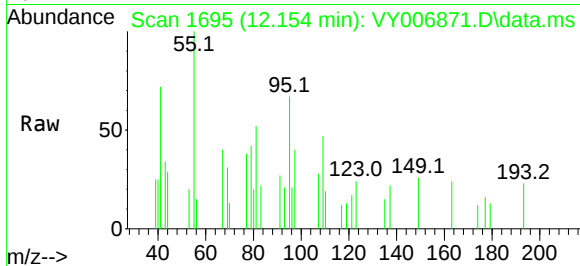
Tgt Ion:	152	Resp:	4192
Ion Ratio	Lower	Upper	
152	100		
115	62.5	28.5	85.5
150	160.4	0.0	348.2



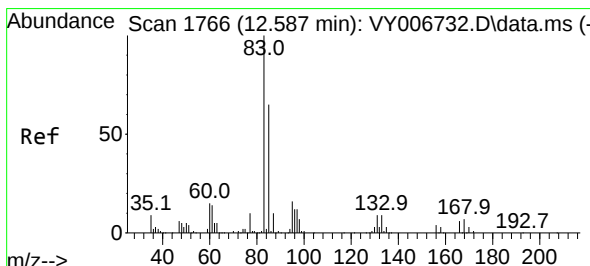
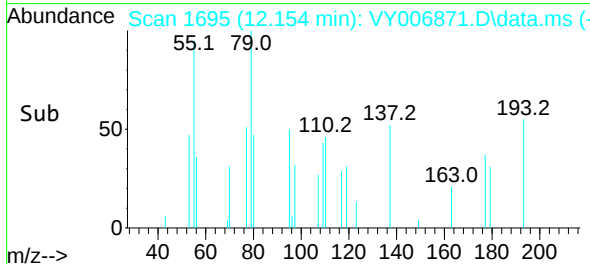
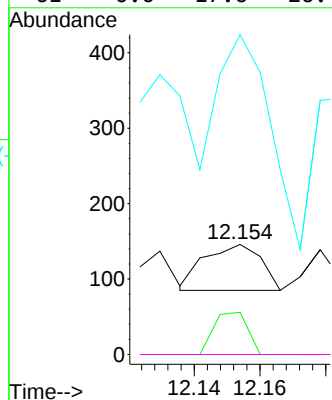


#74
N-amy1 acetate
Concen: 3.739 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Instrument :
MSVOA_Y
ClientSampleId :

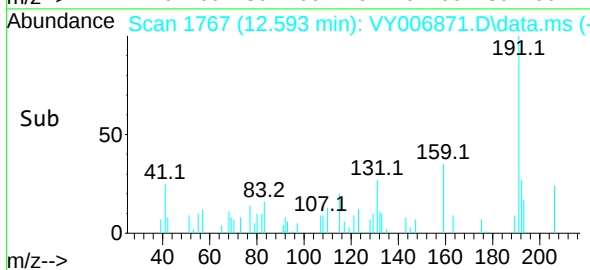
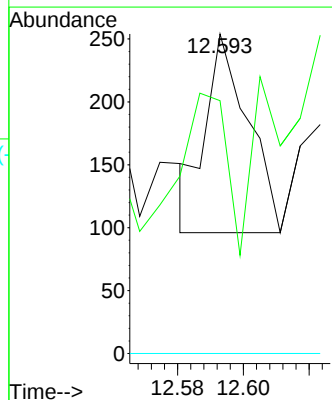
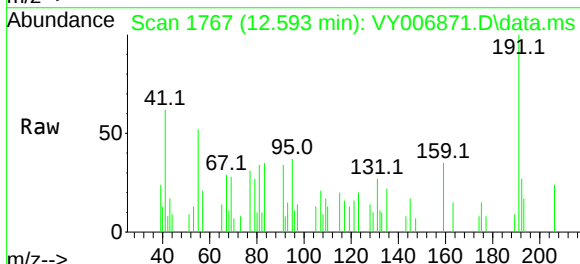


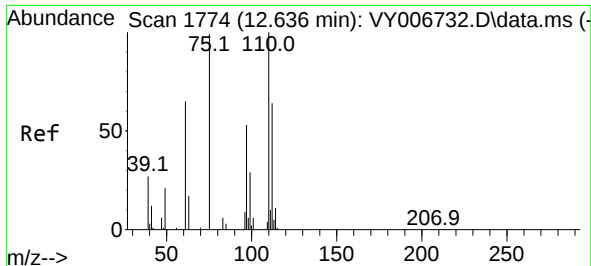
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
70 55.6 29.4 44.0#
55 436.1 18.1 27.1#
61 0.0 17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.370 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Tgt Ion: 83 Resp: 140
Ion Ratio Lower Upper
83 100
131 92.9 5.5 16.4#
85 0.0 31.9 95.9#

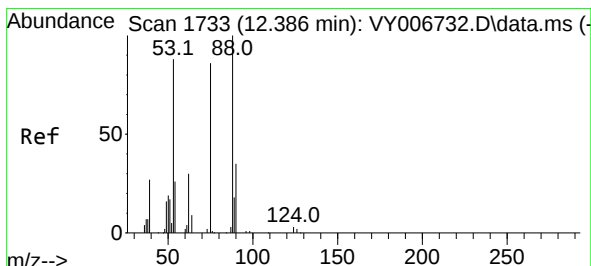
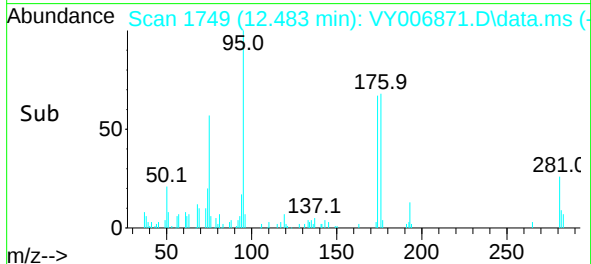
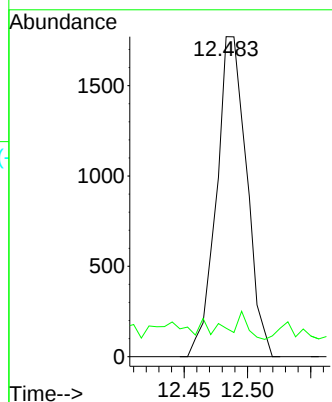
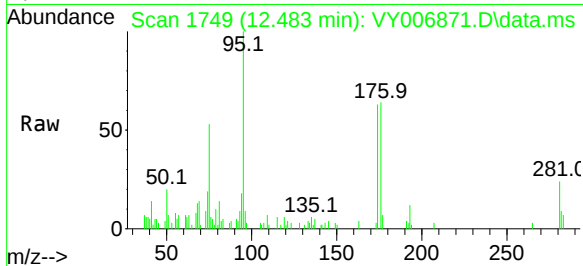




#76
1,2,3-Trichloropropane
Concen: 64.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

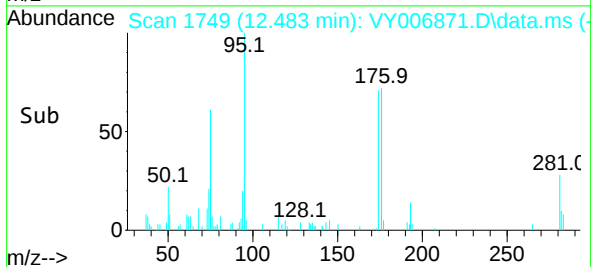
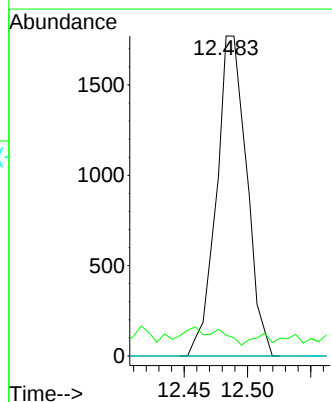
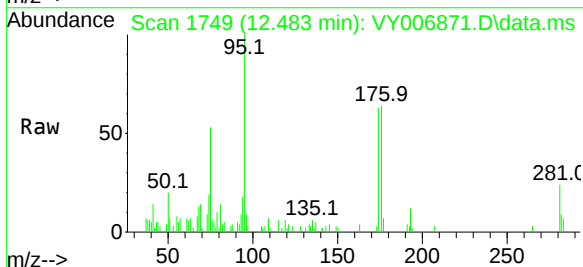
Instrument :
MSVOA_Y
ClientSampleId :

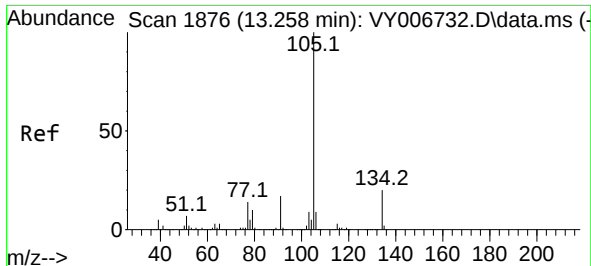
Tgt Ion: 75 Resp: 2939
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 127.776 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Tgt Ion: 75 Resp: 2939
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

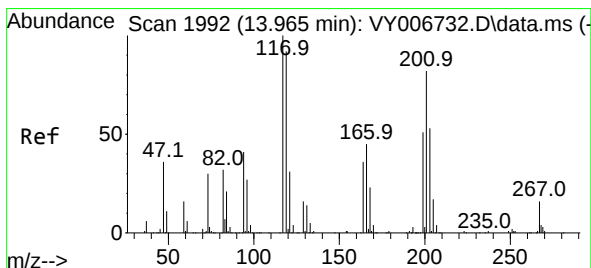
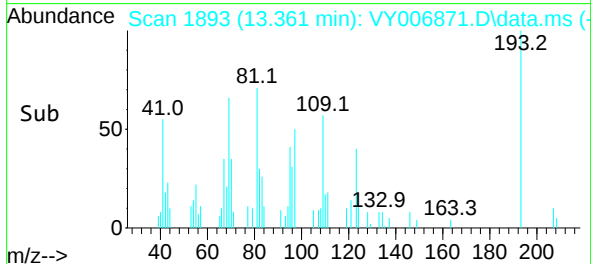
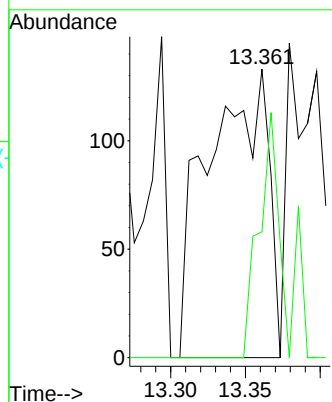
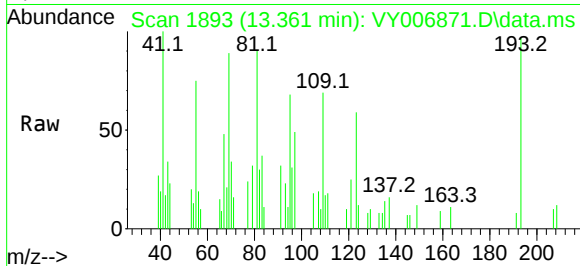




#85
 sec-Butylbenzene
 Concen: 1.096 ug/l
 RT: 13.361 min Scan# 1876
 Delta R.T. 0.103 min
 Lab File: VY006871.D
 Acq: 23 Nov 2021 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 371
 Ion Ratio Lower Upper
 105 100
 134 27.5 10.1 30.3



#90
 Hexachloroethane
 Concen: 1.666 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY006871.D
 Acq: 23 Nov 2021 16:31

Tgt Ion:117 Resp: 86
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.4 130.1#

