

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006745.D
 Acq On : 15 Nov 2021 20:56
 Operator : SY/MD
 Sample : M4653-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 04:23:33 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)

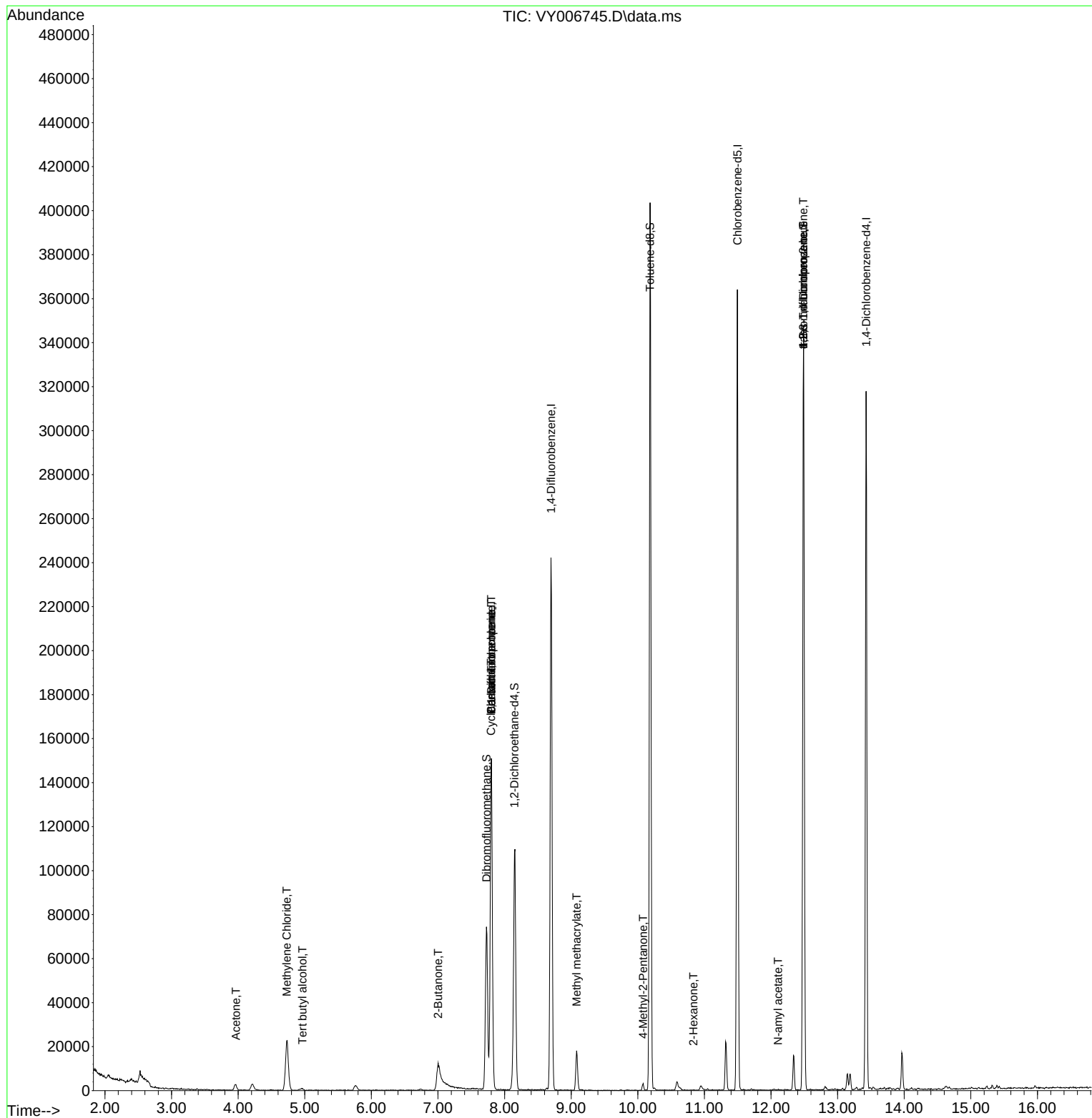
Internal Standards						
1) Pentafluorobenzene	7.801	168	112366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85576	58.109	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	116.220%	
35) Dibromofluoromethane	7.728	113	49954	43.264	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	86.520%	
50) Toluene-d8	10.185	98	242514	50.756	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	101.520%	
62) 4-Bromofluorobenzene	12.483	95	77172	47.910	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	95.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1407	6.353	ug/l #	72
16) Acetone	3.966	43	4752	10.620	ug/l	97
20) Methylene Chloride	4.728	84	14767	8.196	ug/l	94
25) 2-Butanone	7.002	43	1765	14.088	ug/l #	90
31) Cyclohexane	7.795	56	2776	1.072	ug/l #	42
36) 1,1-Dichloropropene	7.801	75	9470	4.635	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11325	5.419	ug/l #	16
48) Methyl methacrylate	9.081	41	4383	3.610	ug/l #	40
51) 4-Methyl-2-Pentanone	10.081	43	2038	1.510	ug/l	93
59) 2-Hexanone	10.837	43	164	23.966	ug/l #	45
74) N-amyl acetate	12.105	43	209	3.252	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	45220	56.454	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45220	111.861	ug/l #	7

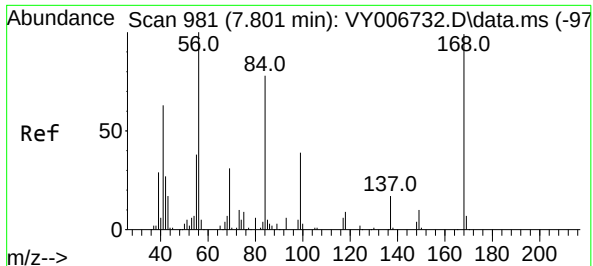
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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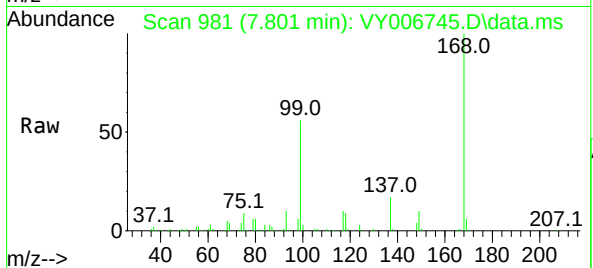
Quant Time: Nov 16 04:23:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
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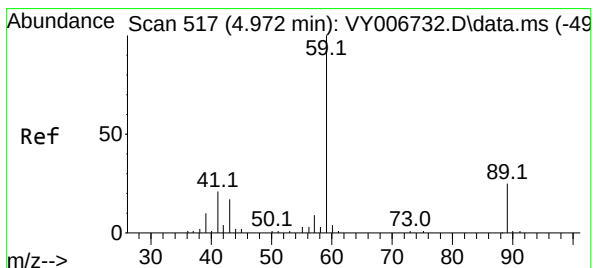
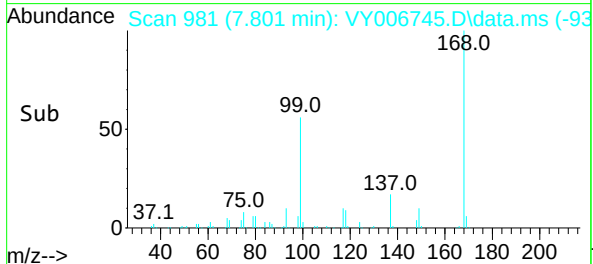
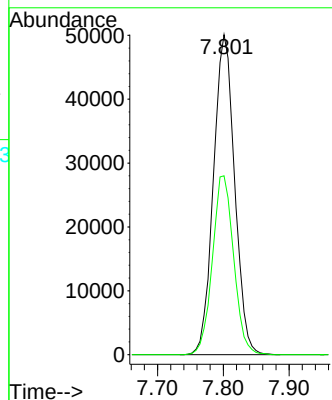


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :

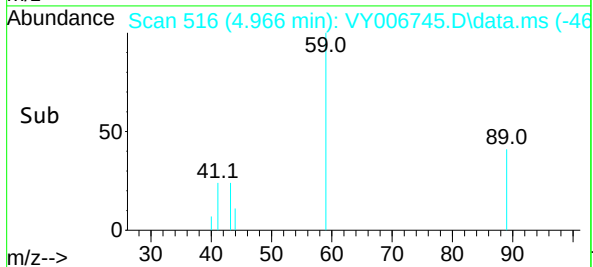
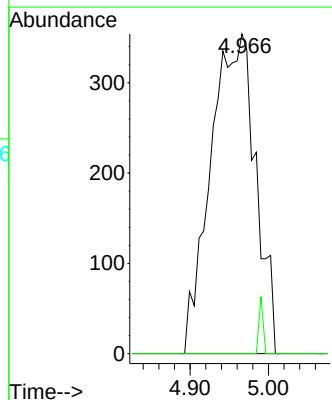
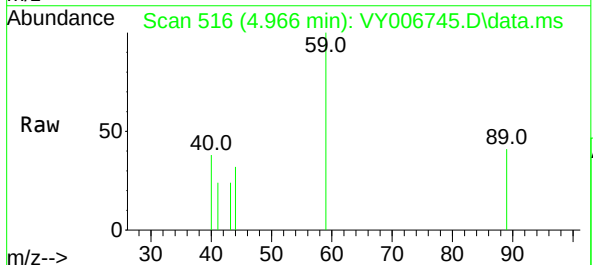


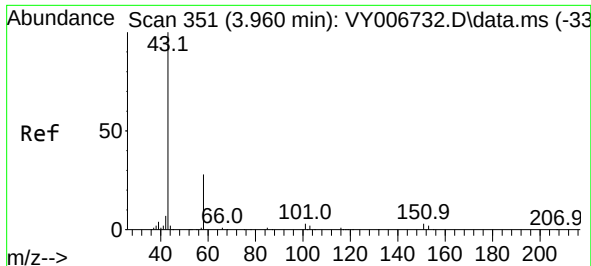
Tgt Ion:168 Resp: 112366
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#11
Tert butyl alcohol
Concen: 6.353 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Tgt Ion: 59 Resp: 1407
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

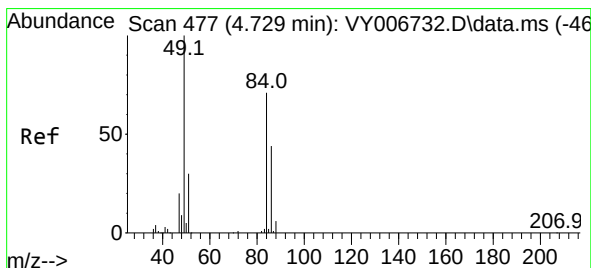
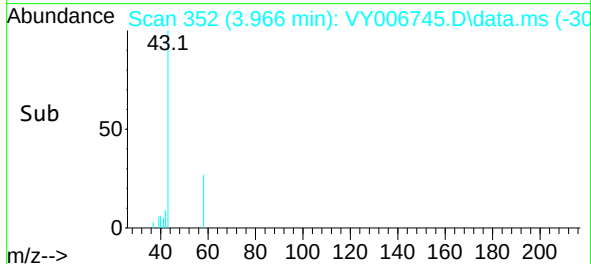
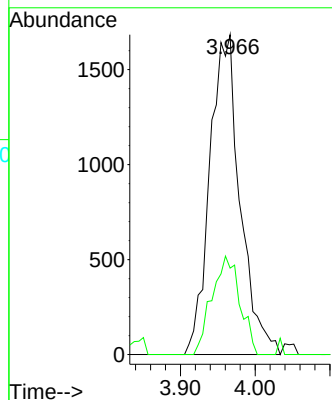
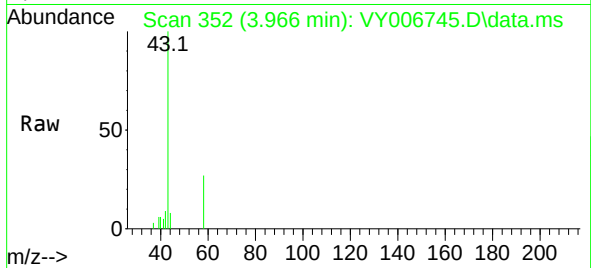




#16
Acetone
Concen: 10.620 ug/l
RT: 3.966 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

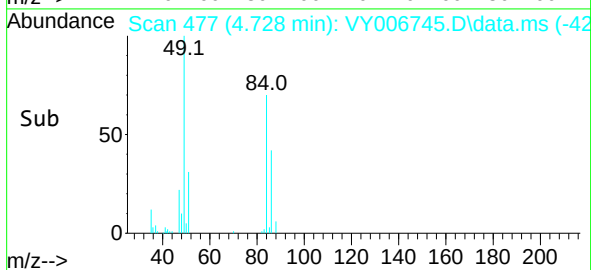
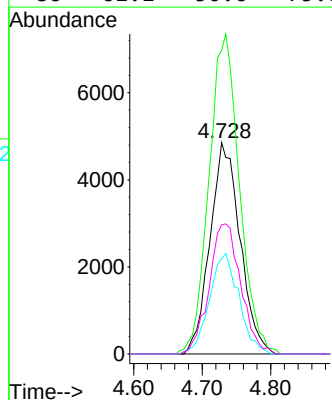
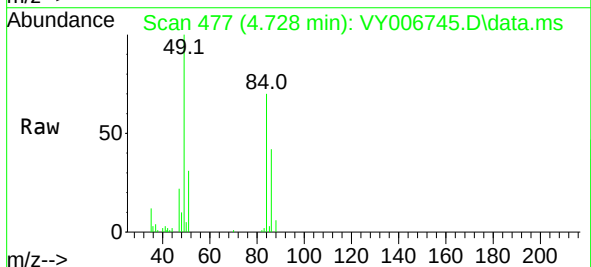
Instrument :
MSVOA_Y
ClientSampleId :

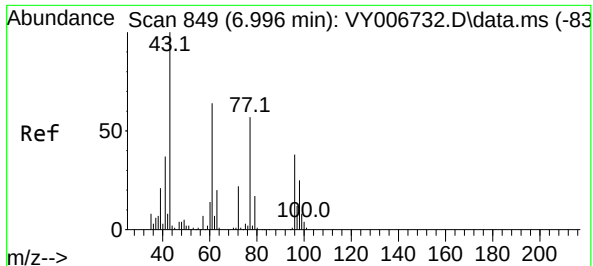
Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
58 27.0 22.9 34.3



#20
Methylene Chloride
Concen: 8.196 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

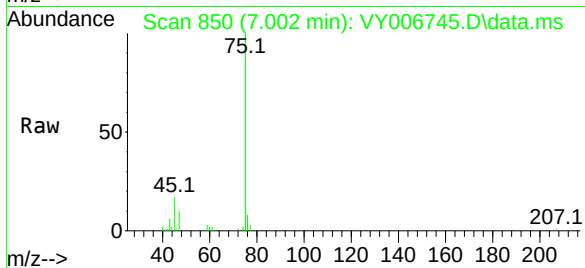
Tgt Ion: 84 Resp: 14767
Ion Ratio Lower Upper
84 100
49 143.7 107.8 161.8
51 45.1 32.8 49.2
86 61.1 50.6 75.8



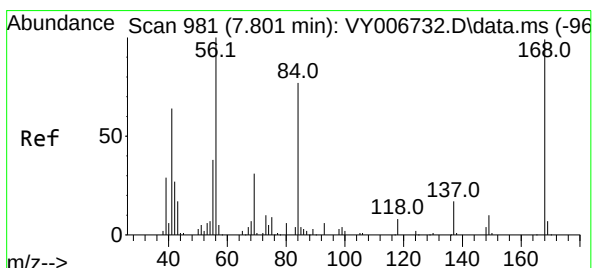
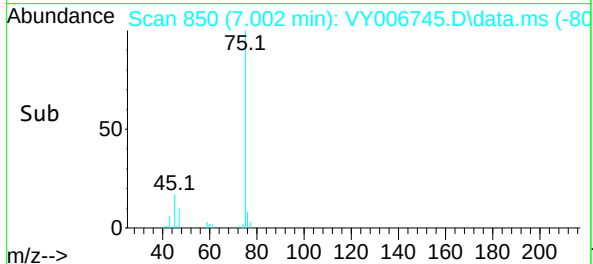
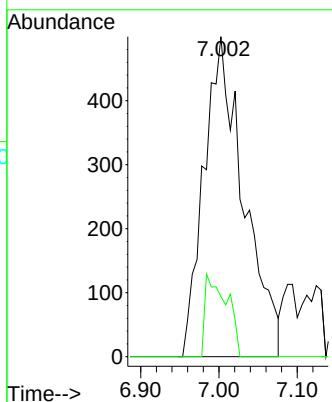


#25
2-Butanone
Concen: 14.088 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :

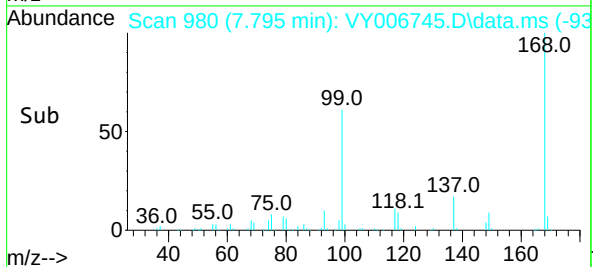
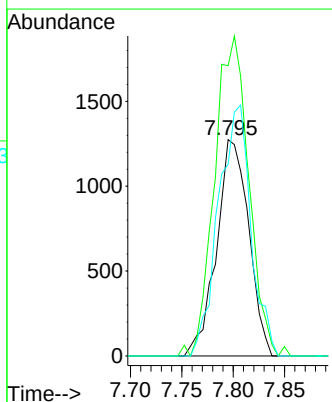
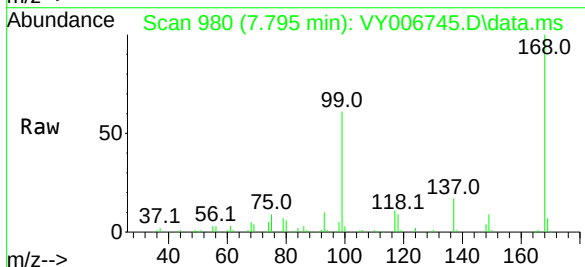


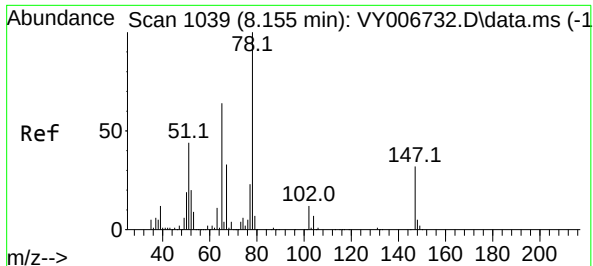
Tgt Ion: 43 Resp: 1765
Ion Ratio Lower Upper
43 100
72 18.8 18.9 28.3#



#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Tgt Ion: 56 Resp: 2776
Ion Ratio Lower Upper
56 100
69 134.2 26.6 40.0#
84 88.6 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 58.109 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006745.D

Acq: 15 Nov 2021 20:56

Instrument :

MSVOA_Y

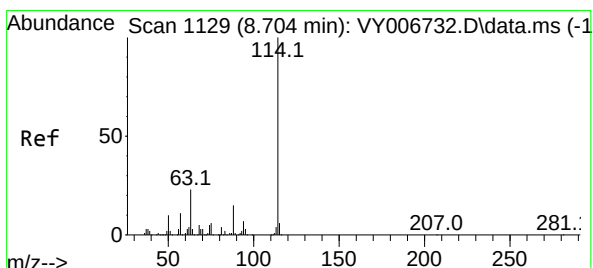
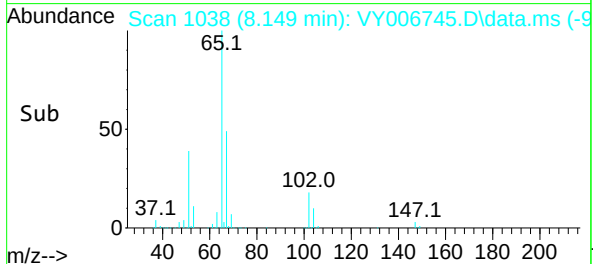
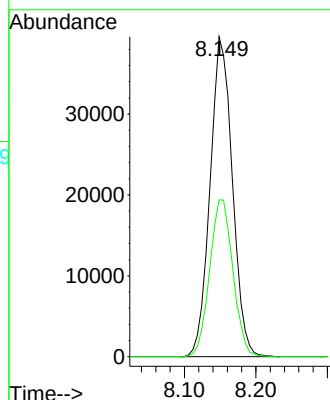
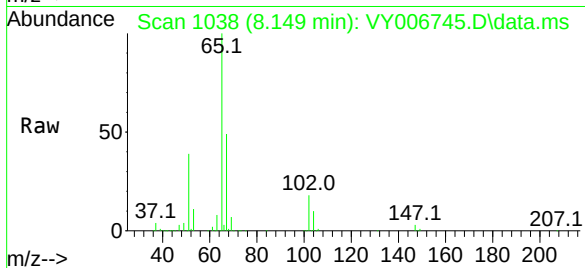
ClientSampleId :

Tgt Ion: 65 Resp: 85576

Ion Ratio Lower Upper

65 100

67 51.2 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: VY006745.D

Acq: 15 Nov 2021 20:56

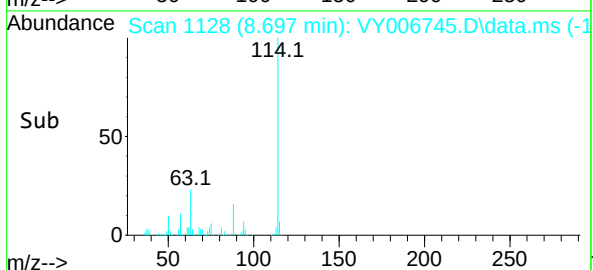
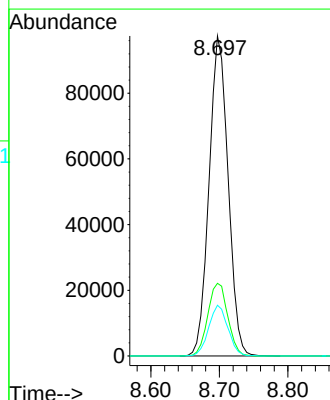
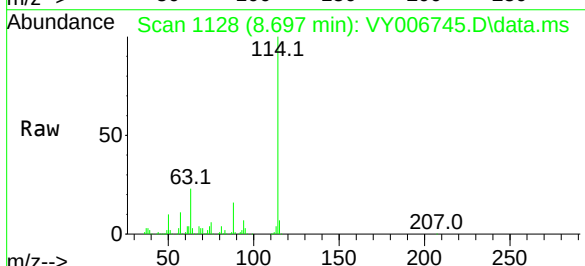
Tgt Ion: 114 Resp: 187977

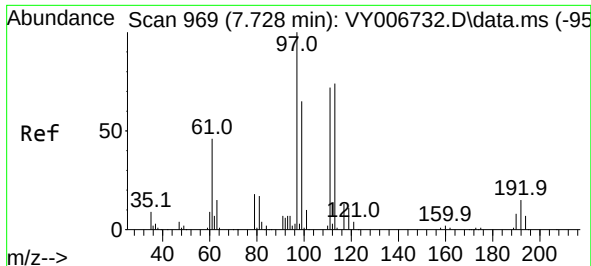
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

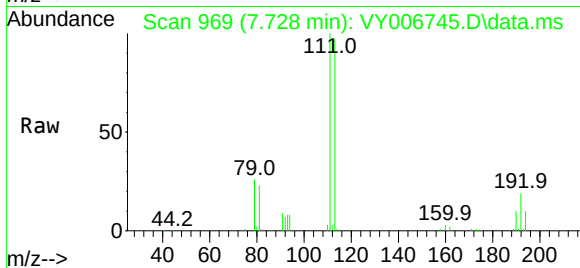
88 15.9 0.0 30.6



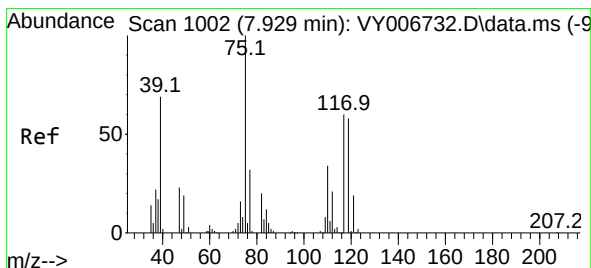
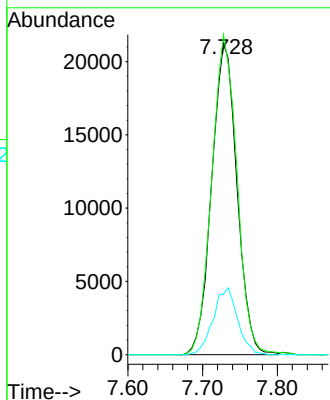
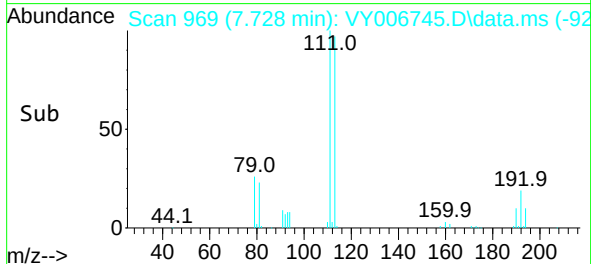


#35
Dibromofluoromethane
Concen: 43.264 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :

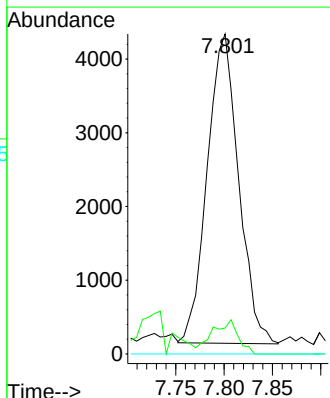
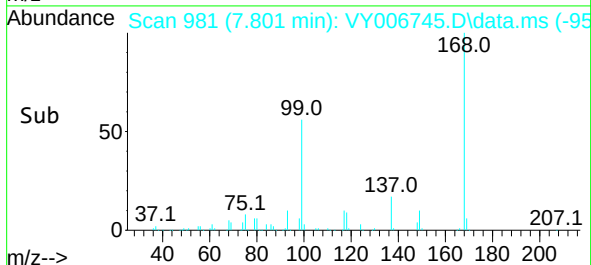
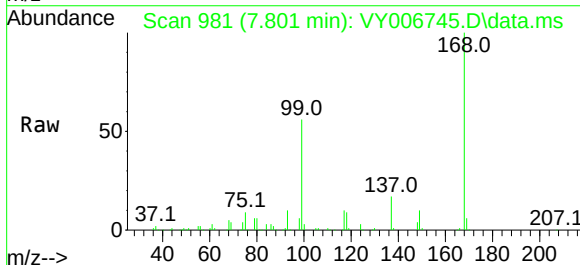


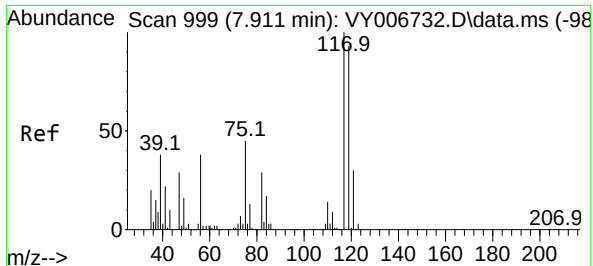
Tgt Ion:113 Resp: 49954
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 20.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

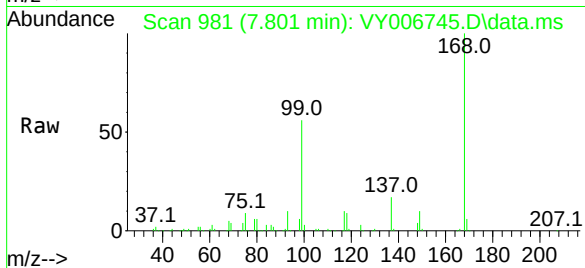
Tgt Ion: 75 Resp: 9470
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.3#
77 0.0 24.9 37.3#



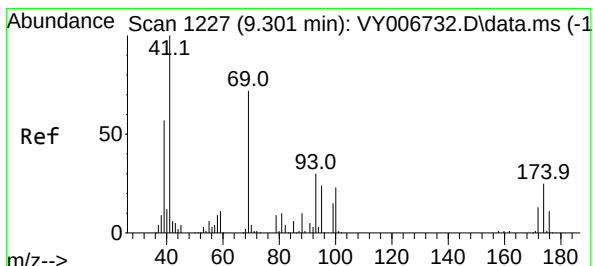
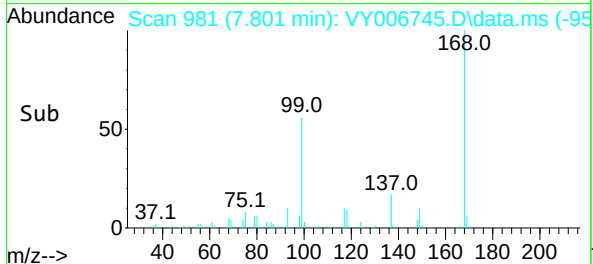
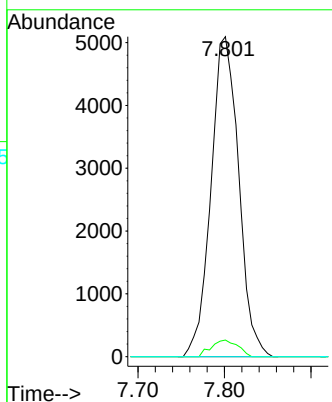


#38
Carbon Tetrachloride
Concen: 5.419 ug/l
RT: 7.801 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :

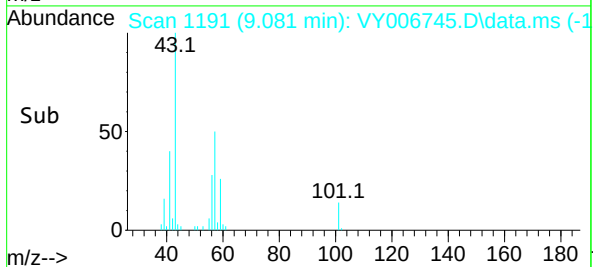
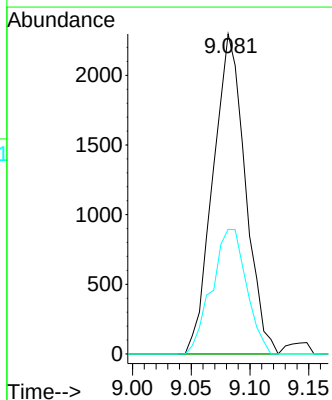
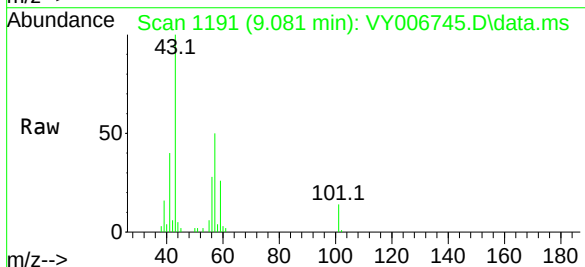


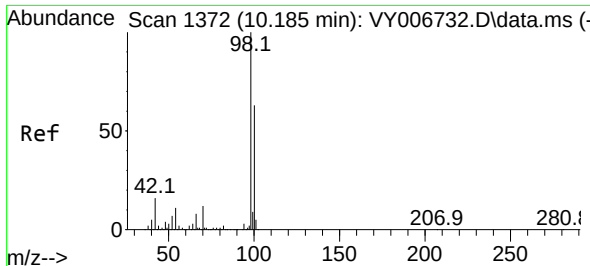
Tgt Ion: 117 Resp: 11325
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 3.610 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Tgt Ion: 41 Resp: 4383
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 41.8 48.2 72.2#

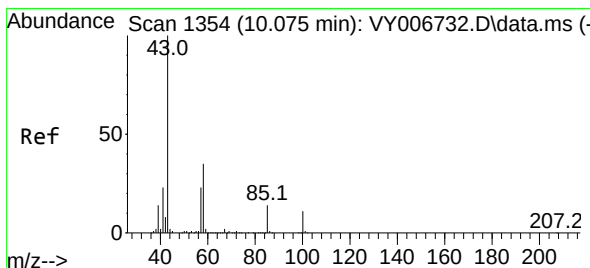
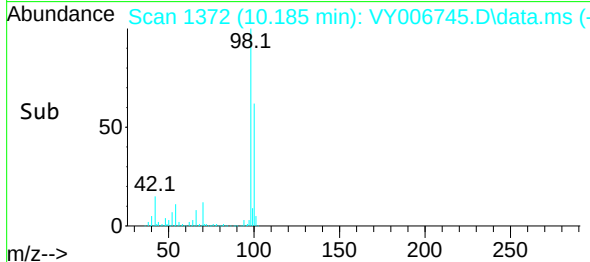
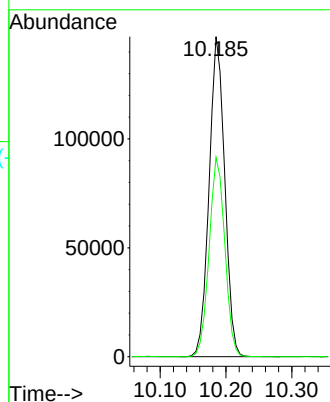
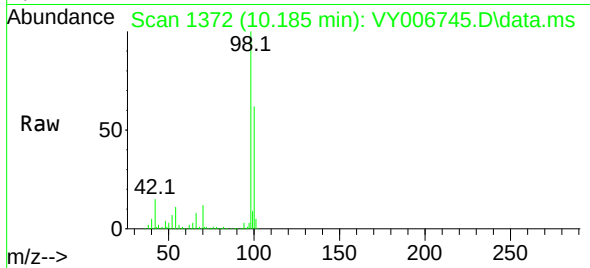




#50
Toluene-d8
Concen: 50.756 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

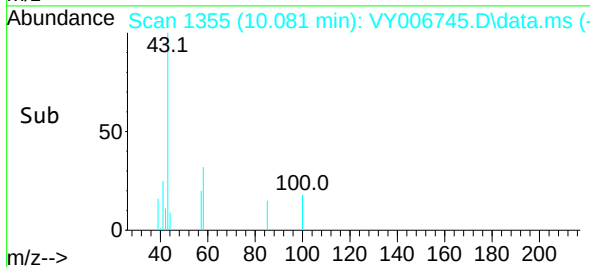
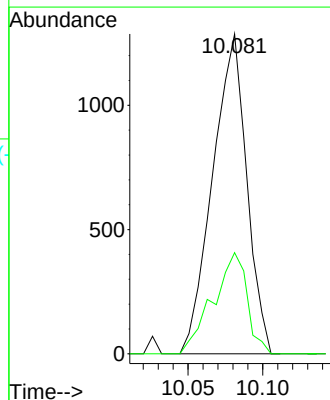
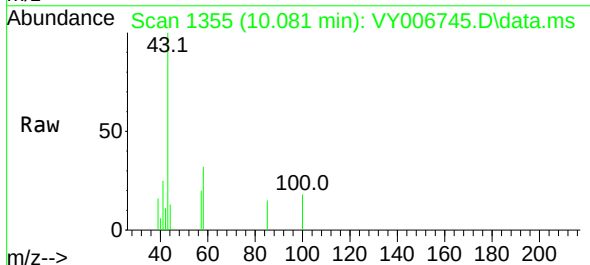
Instrument :
MSVOA_Y
ClientSampleId :

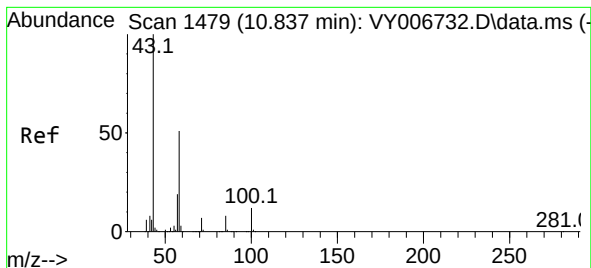
Tgt Ion: 98 Resp: 242514
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.510 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Tgt Ion: 43 Resp: 2038
Ion Ratio Lower Upper
43 100
58 31.7 28.7 43.1

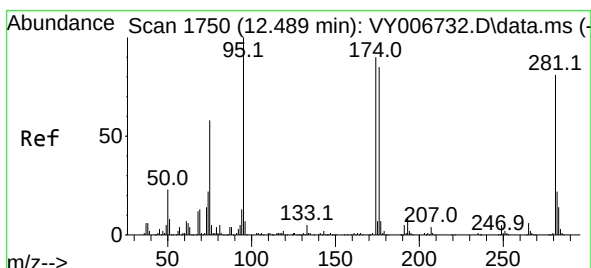
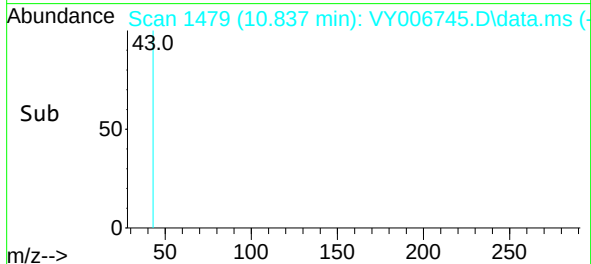
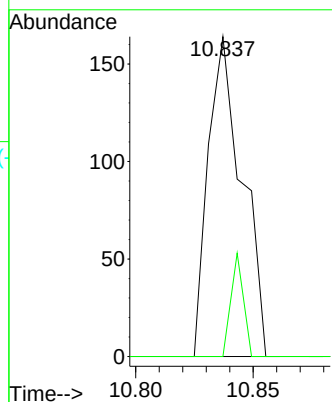
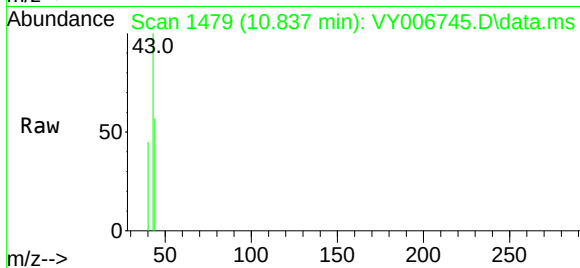




#59
2-Hexanone
Concen: 23.966 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

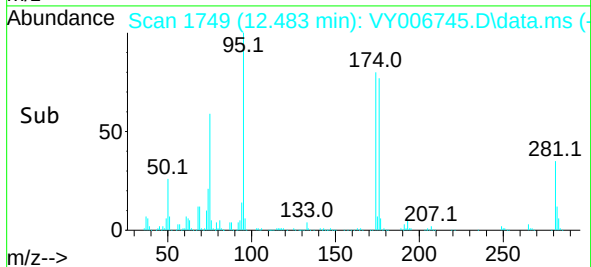
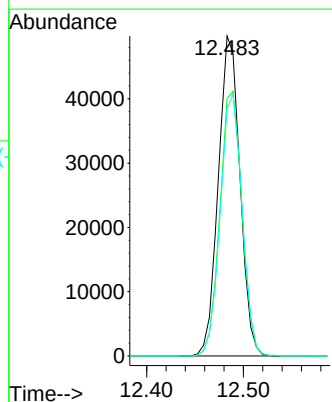
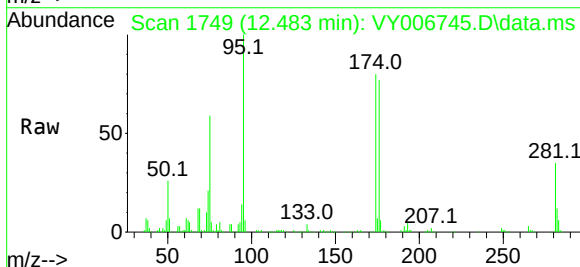
Instrument :
MSVOA_Y
ClientSampleId :

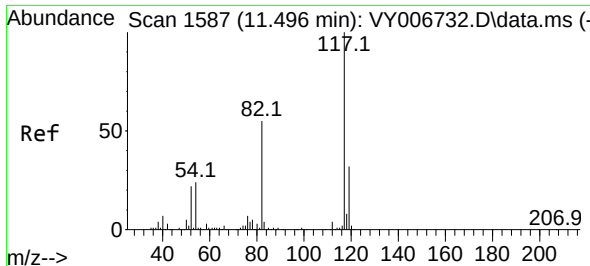
Tgt Ion: 43 Resp: 164
Ion Ratio Lower Upper
43 100
58 11.6 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 47.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Tgt Ion: 95 Resp: 77172
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 82.9 0.0 169.4

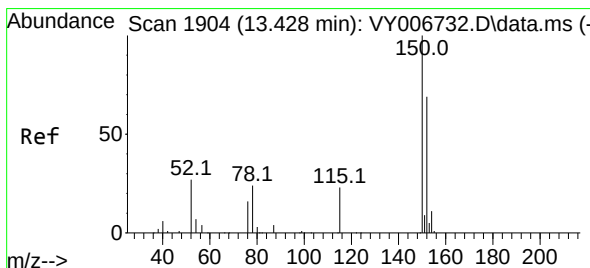
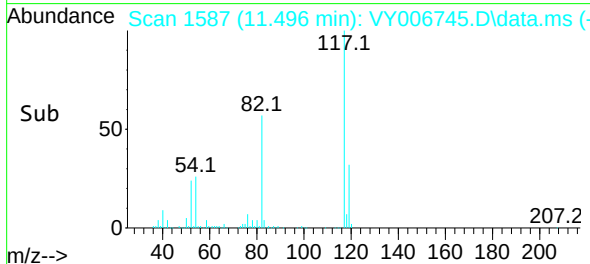
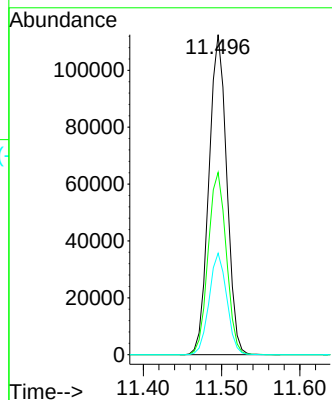
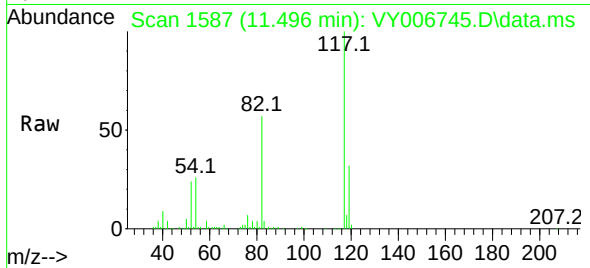




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

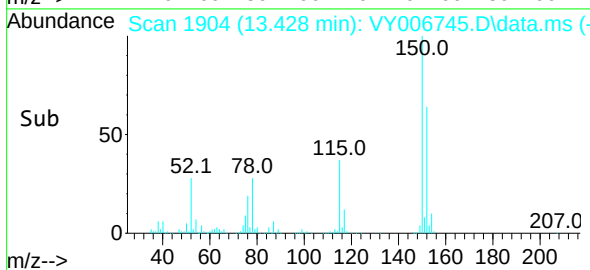
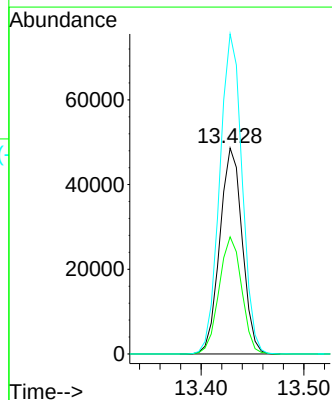
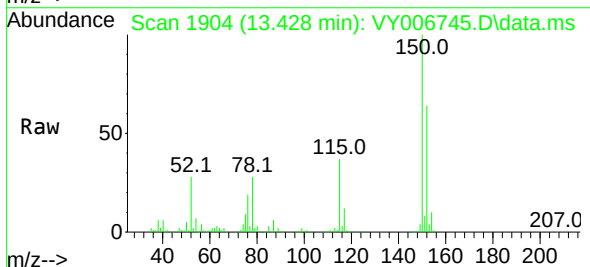
Instrument :
MSVOA_Y
ClientSampleId :

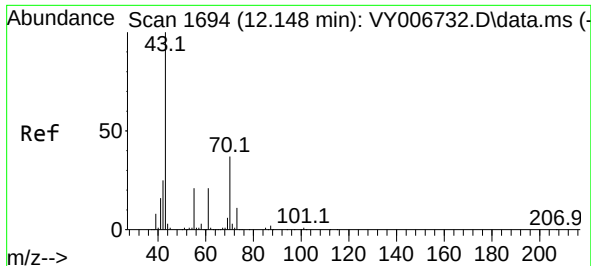
Tgt Ion:117 Resp: 178000
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

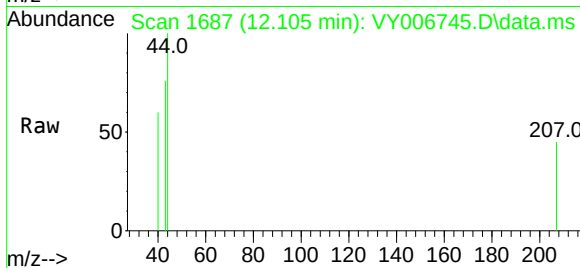
Tgt Ion:152 Resp: 73675
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 155.1 0.0 348.2



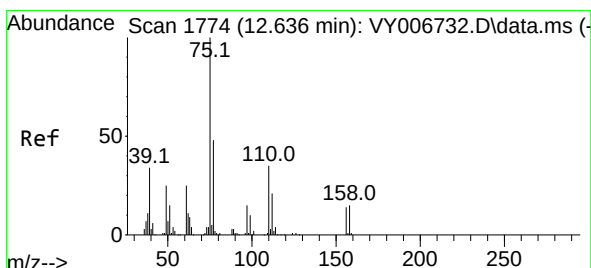
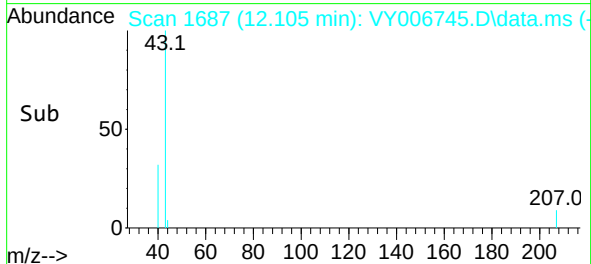
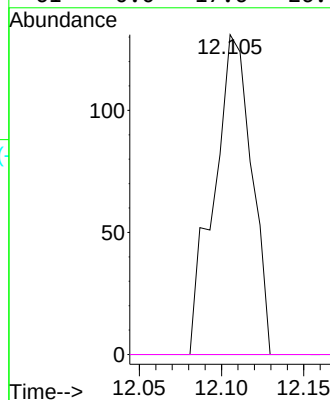


#74
N-amy1 acetate
Concen: 3.252 ug/l
RT: 12.105 min Scan# 1
Delta R.T. -0.043 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

Instrument :
MSVOA_Y
ClientSampleId :

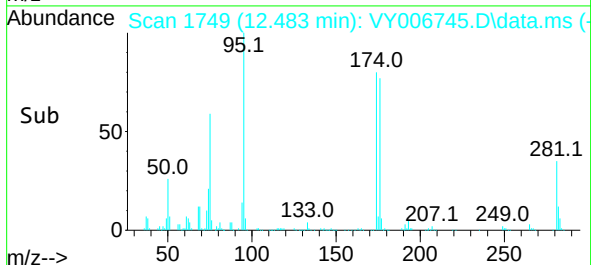
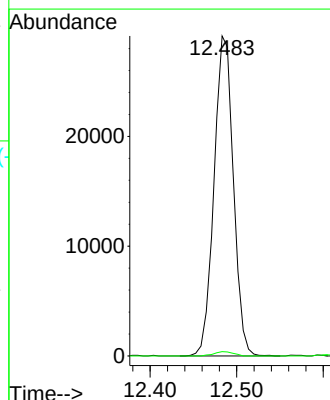
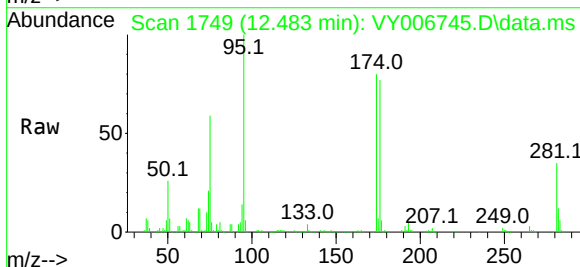


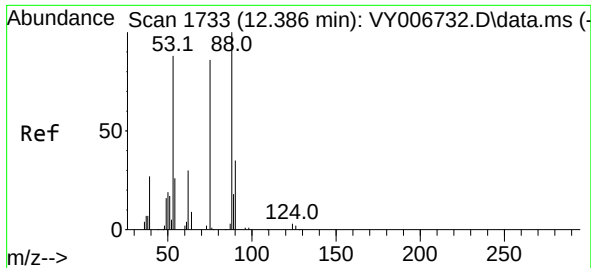
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 56.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006745.D
Acq: 15 Nov 2021 20:56

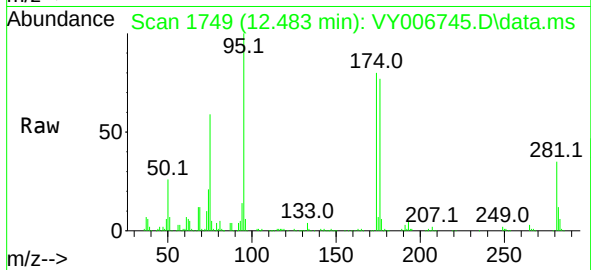
Tgt Ion: 75 Resp: 45220
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.861 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006745.D
 Acq: 15 Nov 2021 20:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45220
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.3 39.3 58.9#

