

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006739.D
 Acq On : 15 Nov 2021 18:34
 Operator : SY/MD
 Sample : M4681-02
 Misc : 5.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 04:22:40 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)

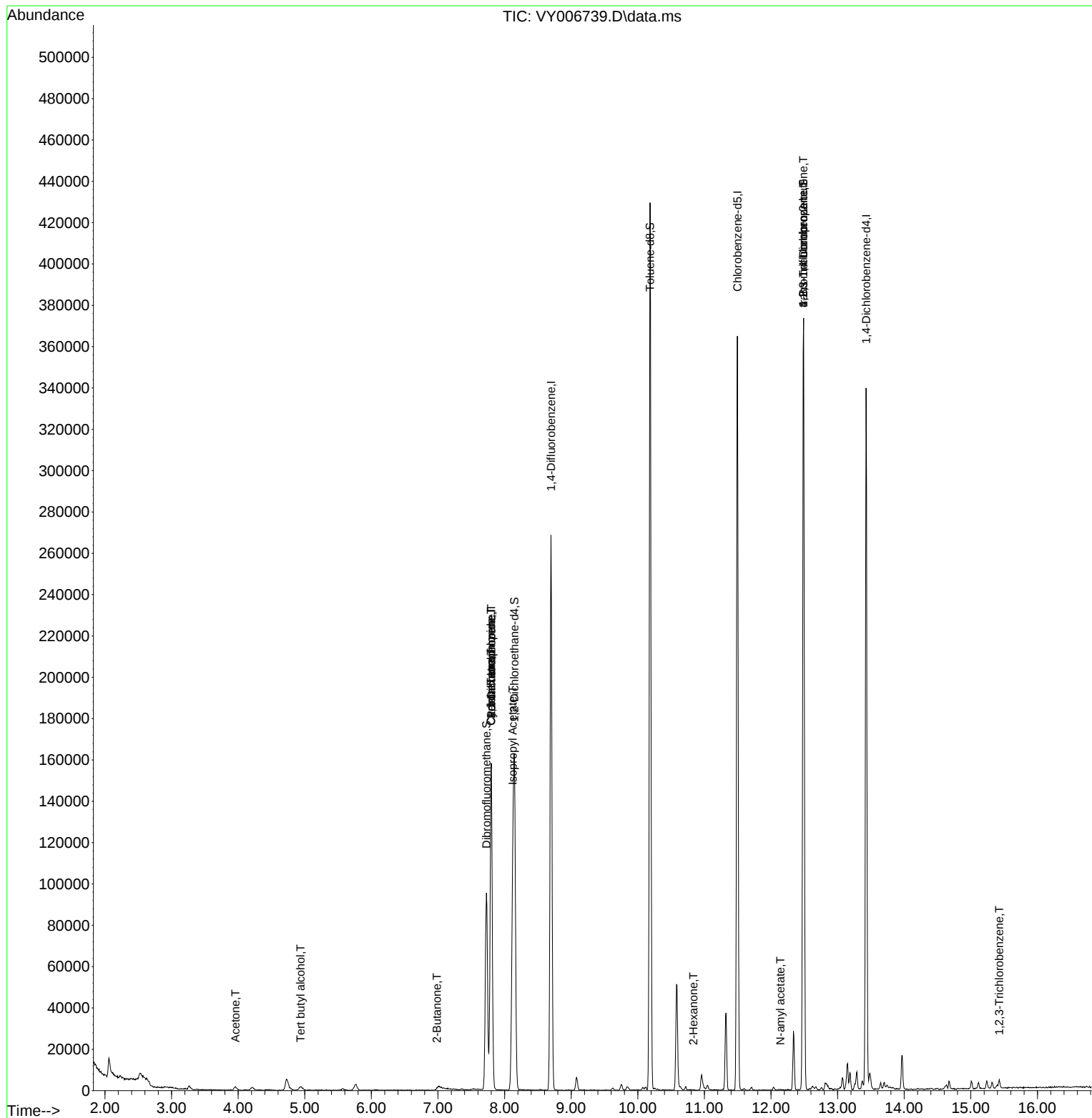
Internal Standards						
1) Pentafluorobenzene	7.801	168	116875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94181	61.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.960%	
35) Dibromofluoromethane	7.728	113	65307	52.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.140%	
50) Toluene-d8	10.185	98	259160	49.929	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	12.483	95	85192	48.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	2232	9.689	ug/l #	72
16) Acetone	3.960	43	3122	6.708	ug/l	95
20) Methylene Chloride	4.722	84	3569	Below Cal		96
25) 2-Butanone	6.984	43	382	12.039	ug/l #	52
31) Cyclohexane	7.795	56	2900	1.077	ug/l #	25
36) 1,1-Dichloropropene	7.801	75	10889	4.906	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11774	5.186	ug/l #	17
43) Isopropyl Acetate	8.124	43	3207	1.152	ug/l #	18
59) 2-Hexanone	10.837	43	256	24.031	ug/l #	28
74) N-amyl acetate	12.142	43	301	3.284	ug/l #	65
76) 1,2,3-Trichloropropane	12.483	75	49913	57.878	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49913	114.683	ug/l #	7
96) 1,2,3-Trichlorobenzene	15.428	180	1320	1.026	ug/l	99

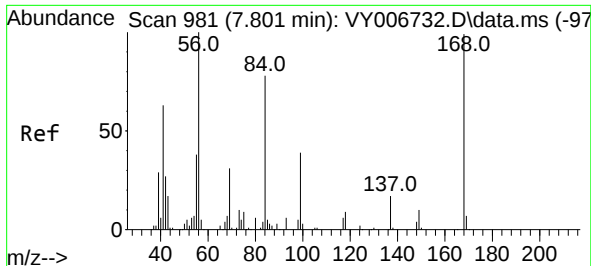
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
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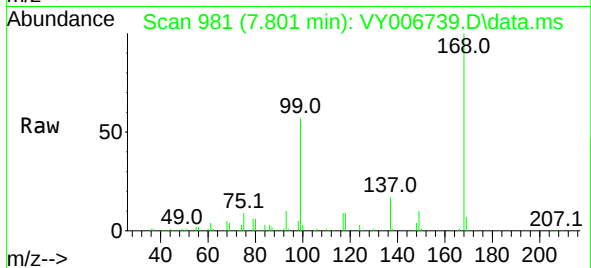
Quant Time: Nov 16 04:22:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration



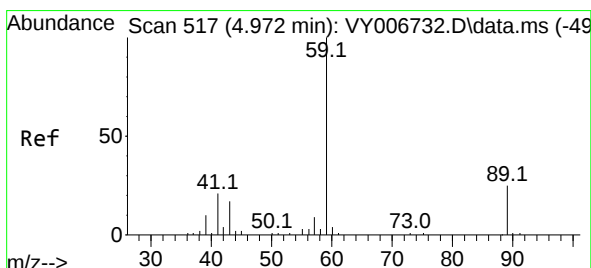
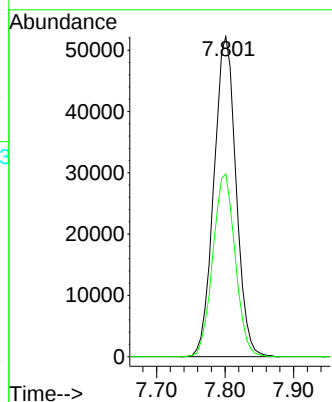
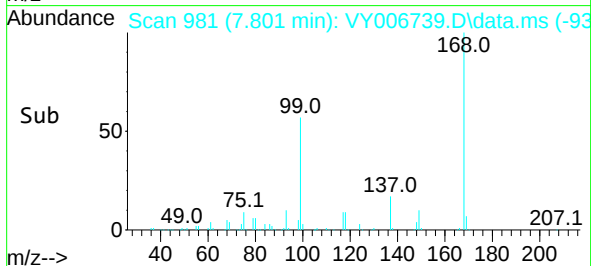


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

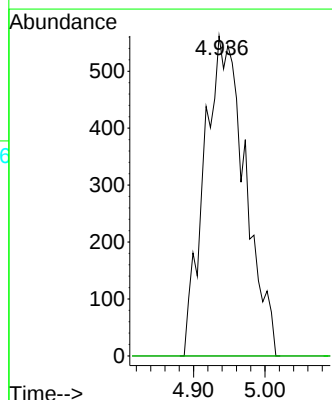
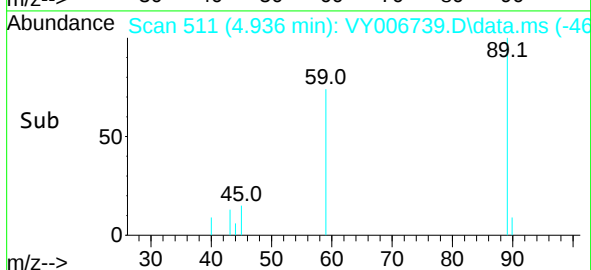
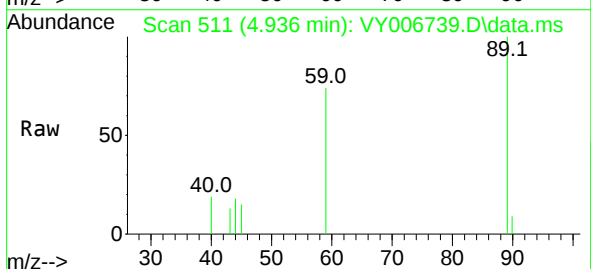


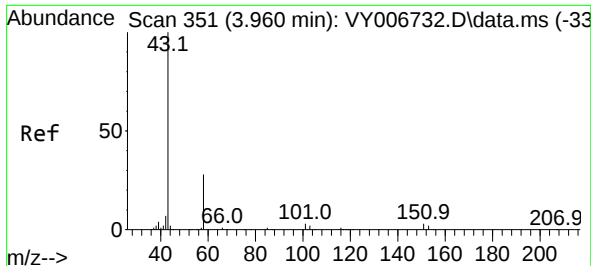
Tgt Ion:168 Resp: 116875
Ion Ratio Lower Upper
168 100
99 57.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 9.689 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

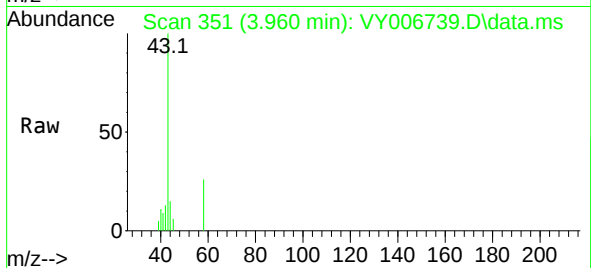
Tgt Ion: 59 Resp: 2232
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



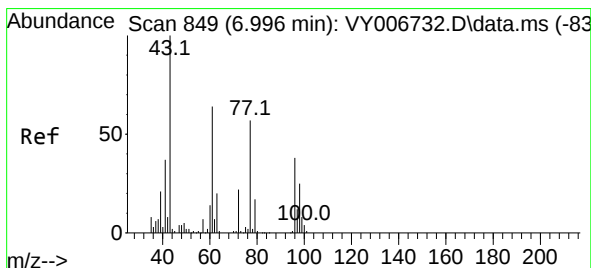
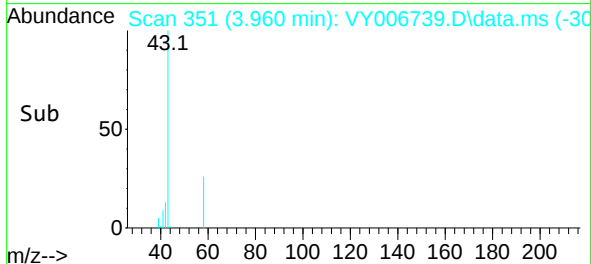
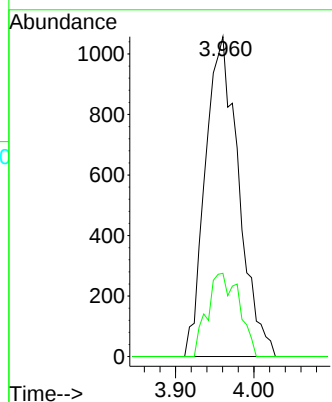


#16
Acetone
Concen: 6.708 ug/l
RT: 3.960 min Scan# 3122
Delta R.T. -0.000 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

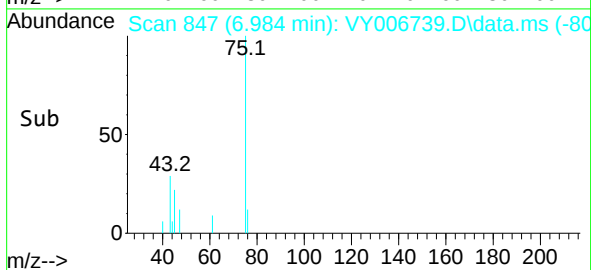
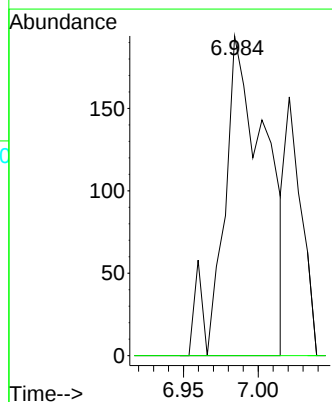
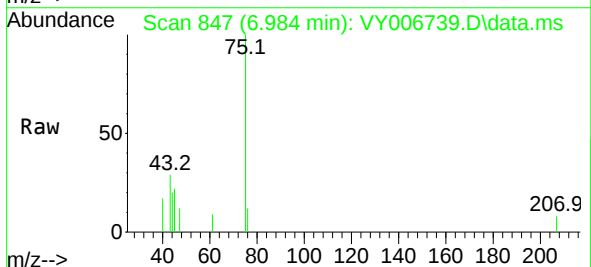


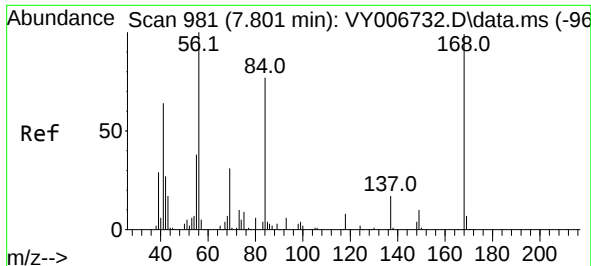
Tgt Ion: 43 Resp: 3122
Ion Ratio Lower Upper
43 100
58 26.0 22.9 34.3



#25
2-Butanone
Concen: 12.039 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

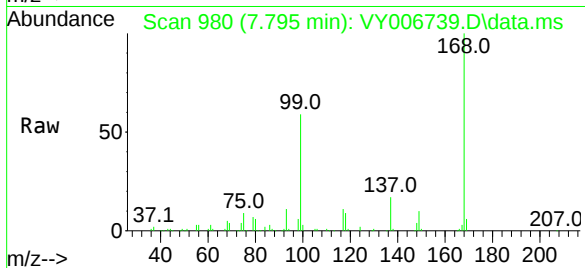
Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



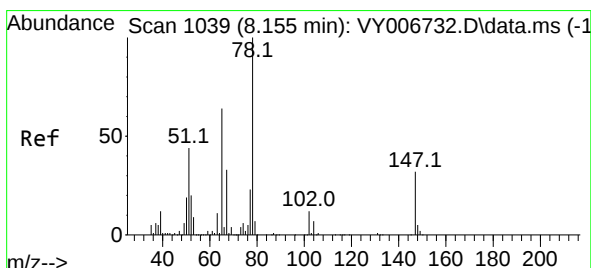
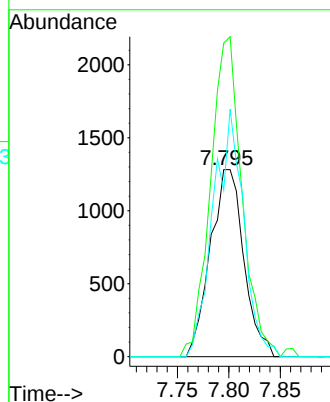
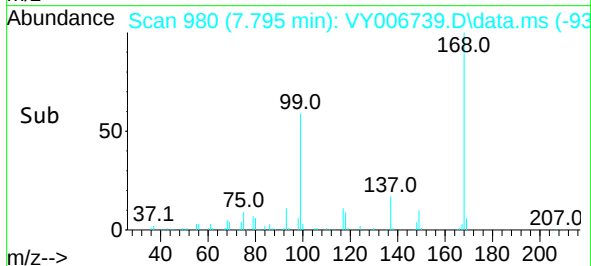


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

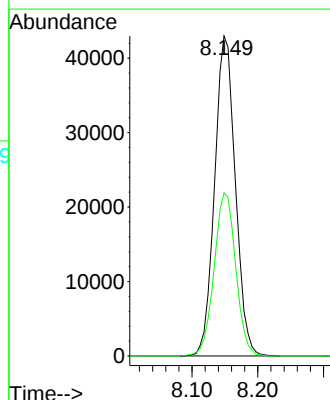
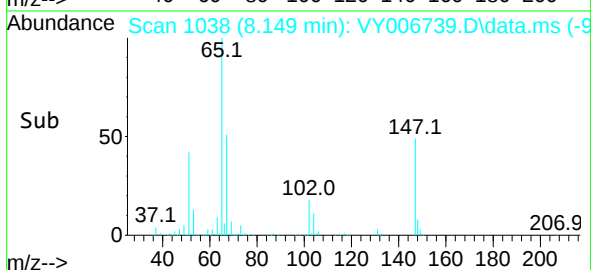
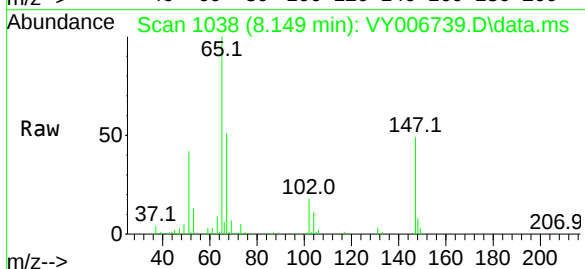


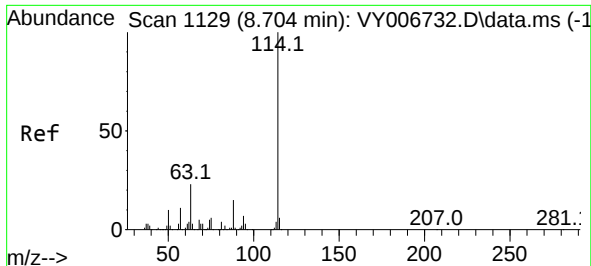
Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
69 167.6 26.6 40.0#
84 89.0 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 61.484 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Tgt Ion: 65 Resp: 94181
Ion Ratio Lower Upper
65 100
67 53.2 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

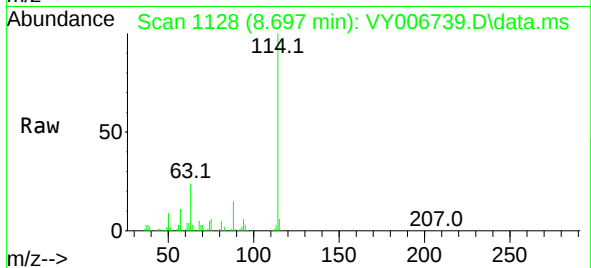
Lab File: VY006739.D

Acq: 15 Nov 2021 18:34

Instrument :

MSVOA_Y

ClientSampleId :



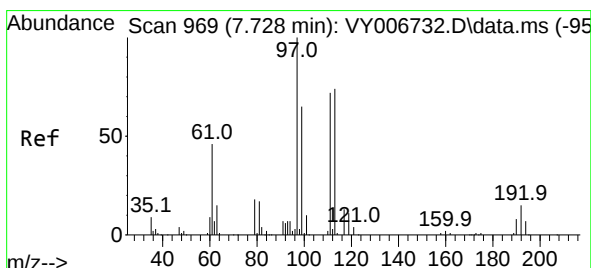
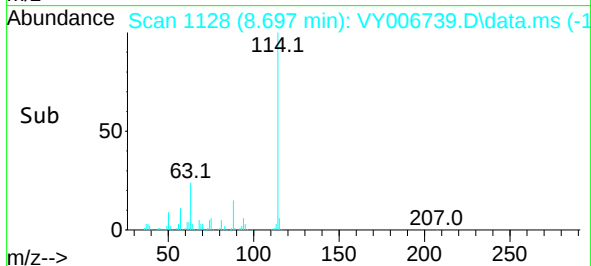
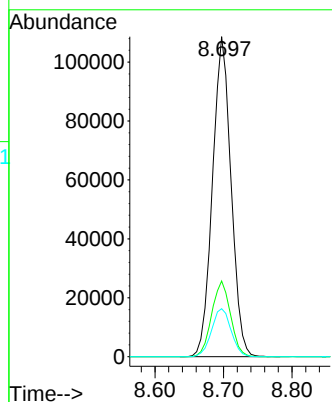
Tgt Ion:114 Resp: 204208

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.065 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006739.D

Acq: 15 Nov 2021 18:34

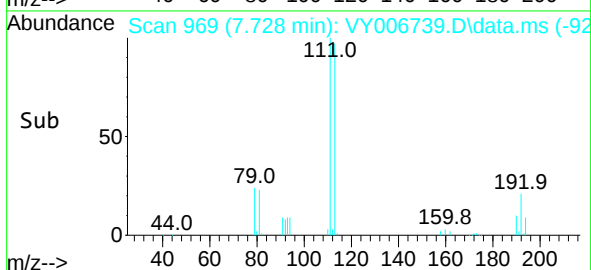
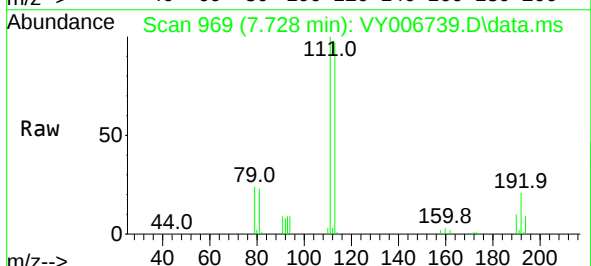
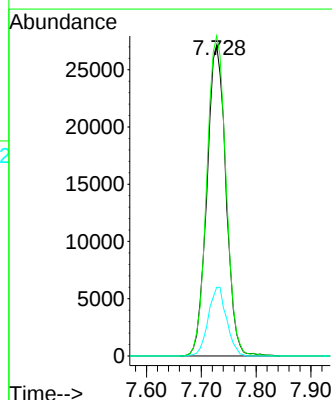
Tgt Ion:113 Resp: 65307

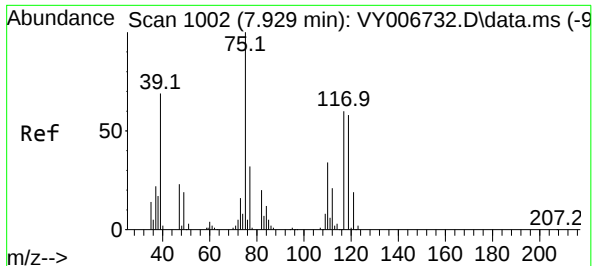
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 21.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.906 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006739.D

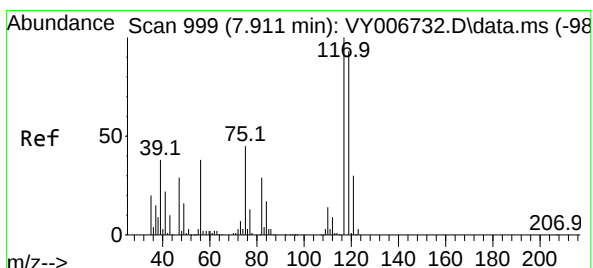
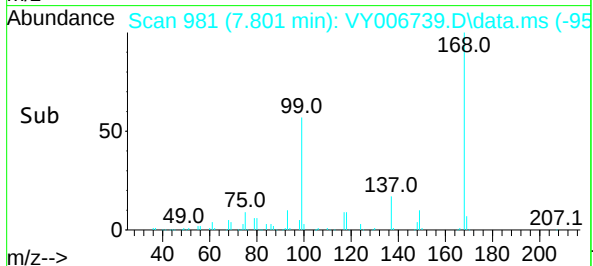
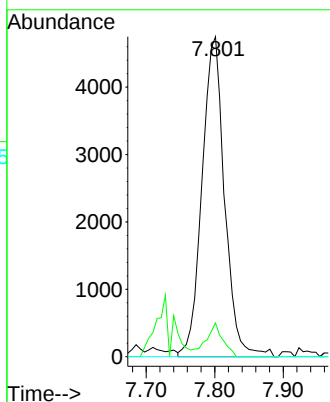
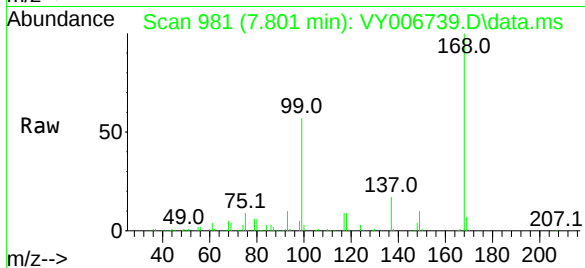
Acq: 15 Nov 2021 18:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	10889
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.186 ug/l

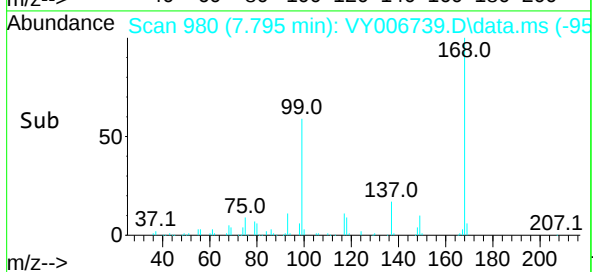
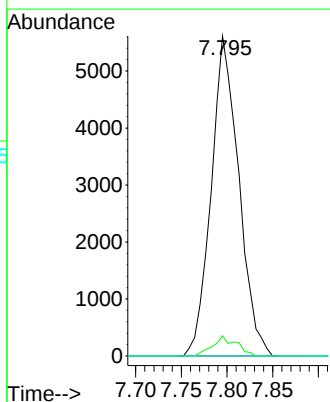
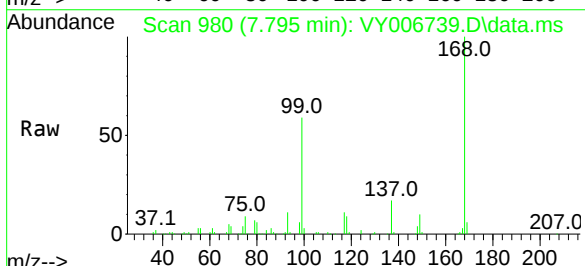
RT: 7.795 min Scan# 980

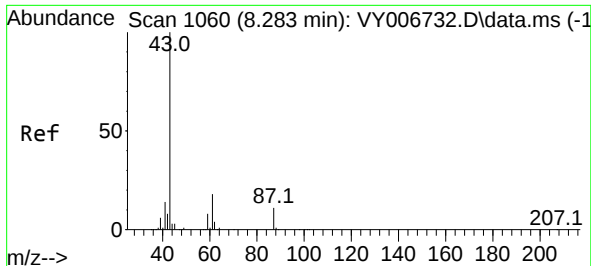
Delta R.T. -0.116 min

Lab File: VY006739.D

Acq: 15 Nov 2021 18:34

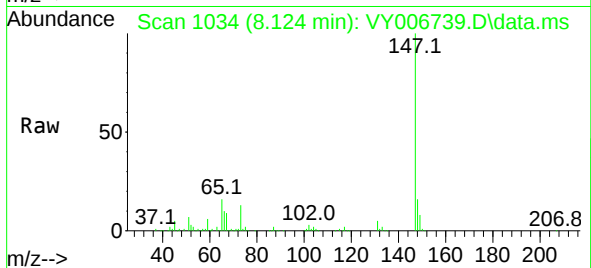
Tgt Ion:	117	Resp:	11774
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.6	115.0#
121	0.0	24.7	37.1#



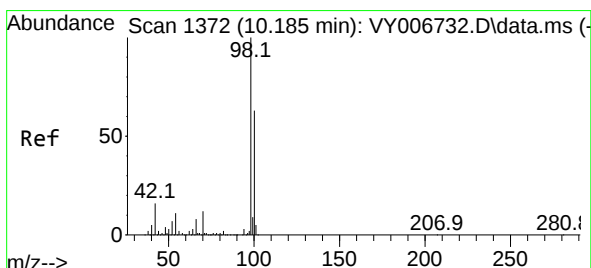
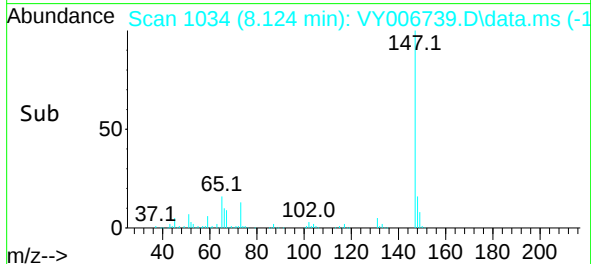
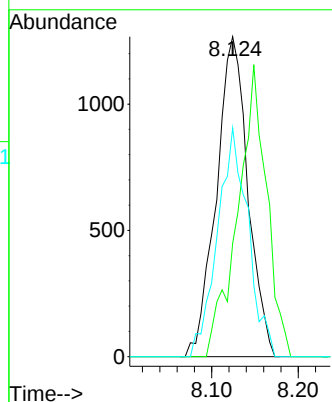


#43
Isopropyl Acetate
Concen: 1.152 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.159 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

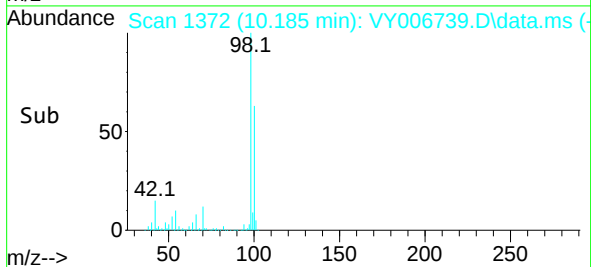
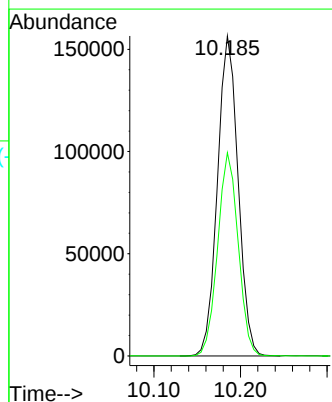
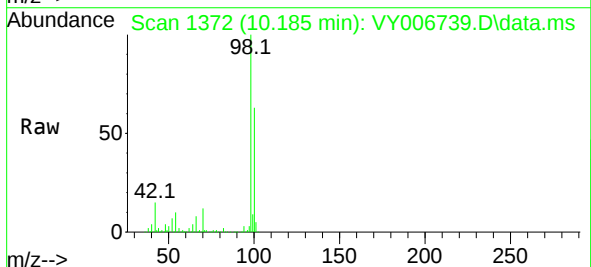


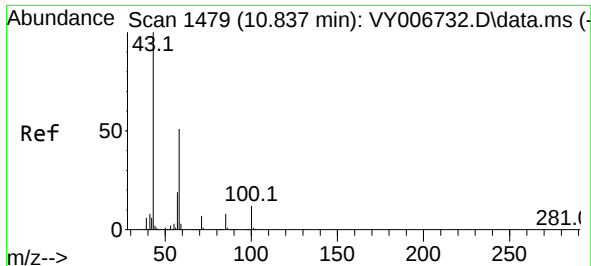
Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 69.4 9.0 13.6#



#50
Toluene-d8
Concen: 49.929 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Tgt Ion: 98 Resp: 259160
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

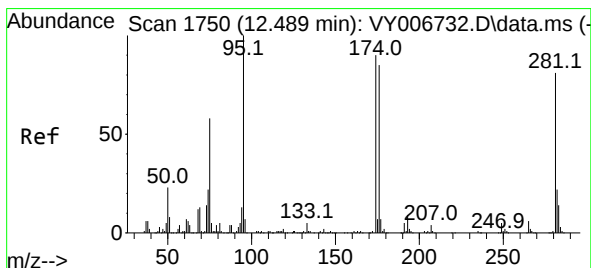
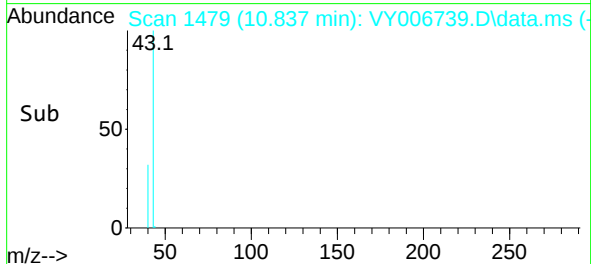
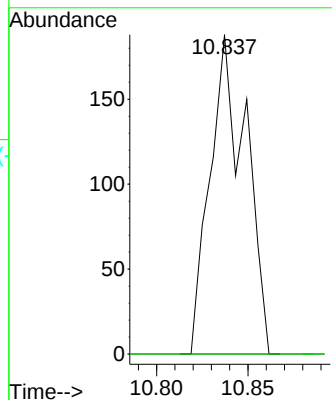
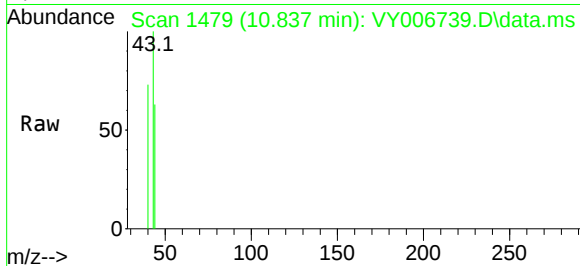




#59
2-Hexanone
Concen: 24.031 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

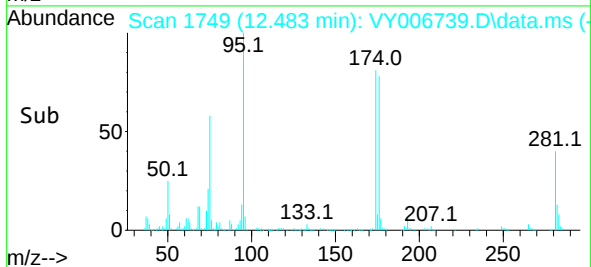
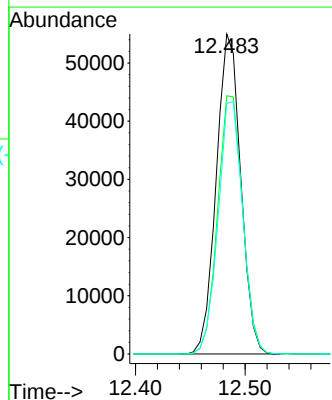
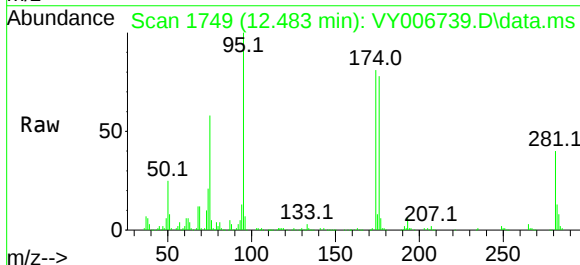
Instrument :
MSVOA_Y
ClientSampleId :

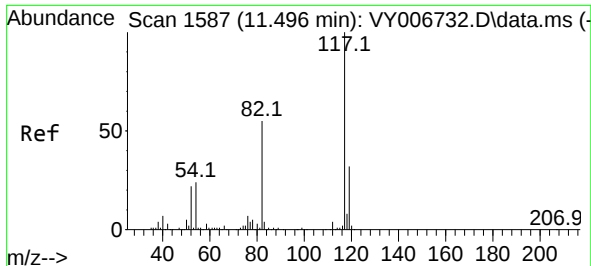
Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

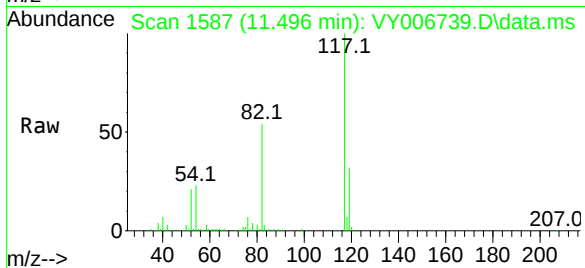
Tgt Ion: 95 Resp: 85192
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.5 0.0 169.4



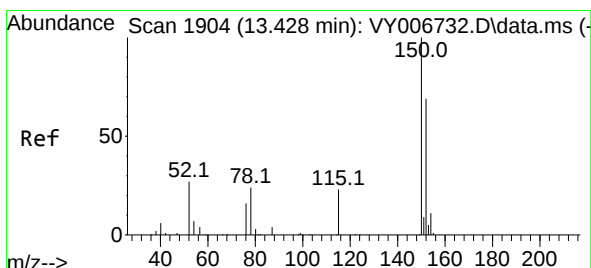
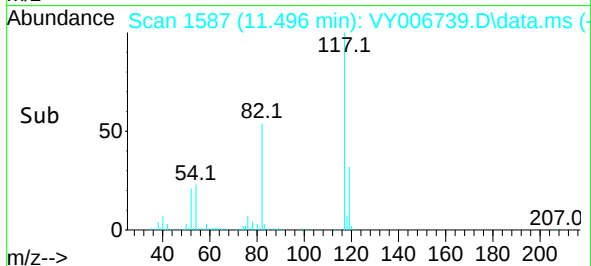
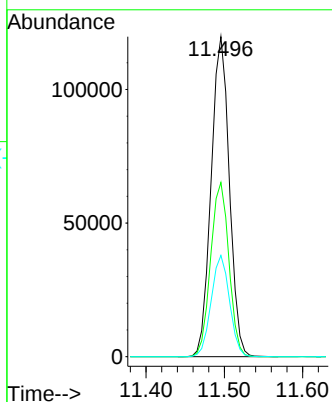


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

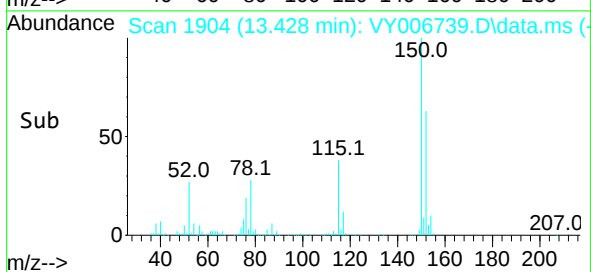
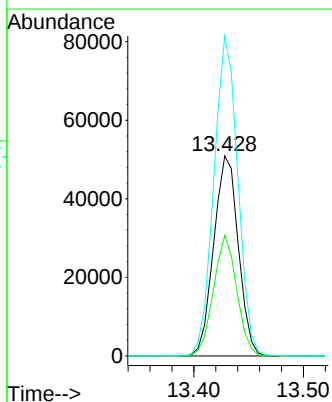
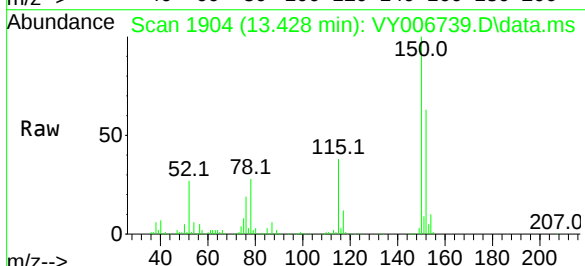


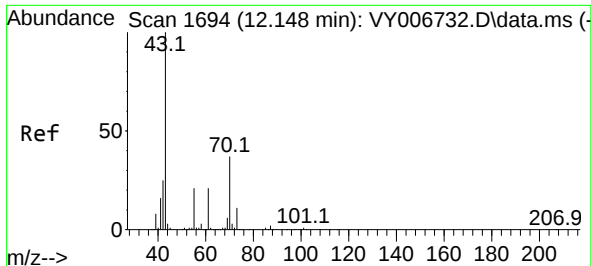
Tgt Ion:117 Resp: 193308
Ion Ratio Lower Upper
117 100
82 54.4 45.7 68.5
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

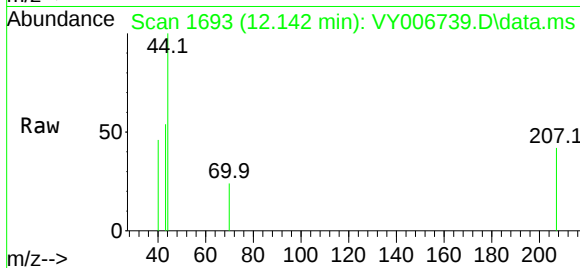
Tgt Ion:152 Resp: 79320
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 155.8 0.0 348.2



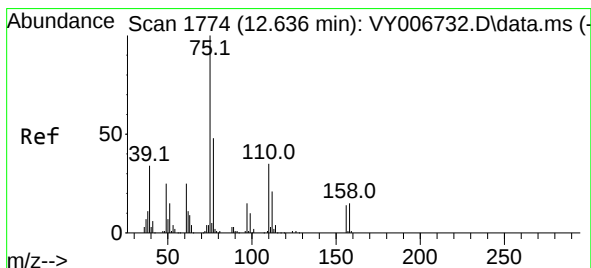
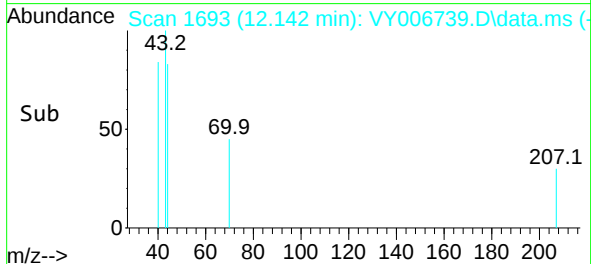
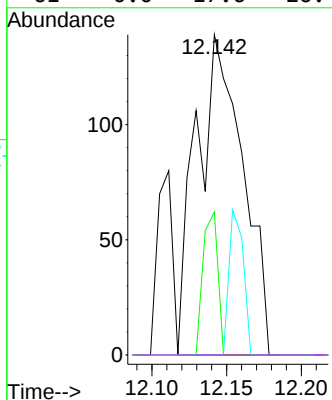


#74
N-amy1 acetate
Concen: 3.284 ug/l
RT: 12.142 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

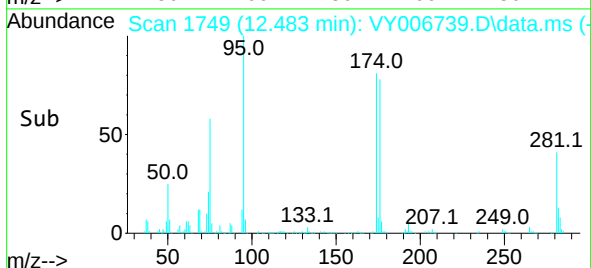
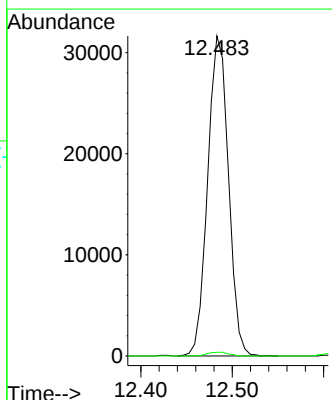
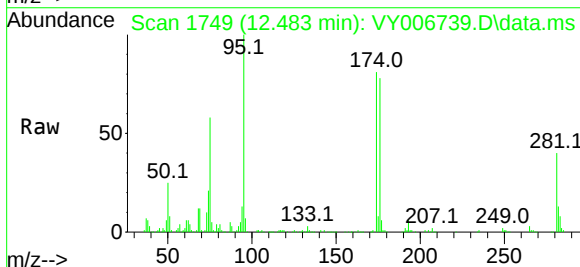


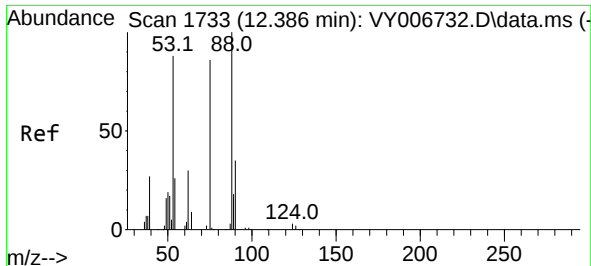
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
70 14.0 29.4 44.0#
55 14.0 18.1 27.1#
61 0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 57.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Tgt Ion: 75 Resp: 49913
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

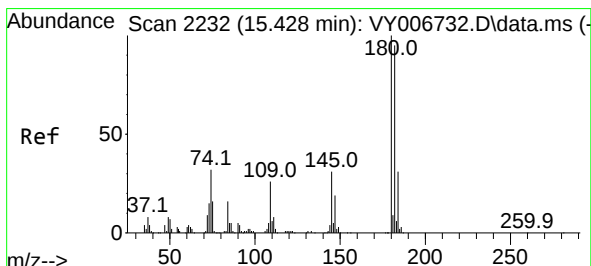
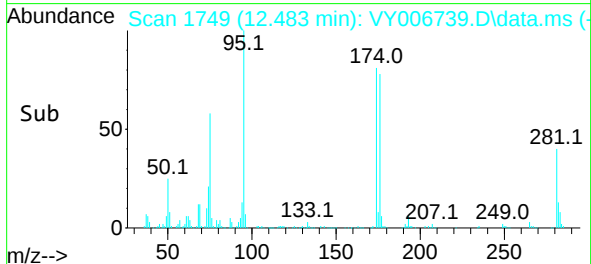
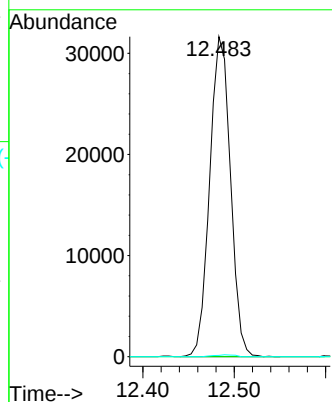
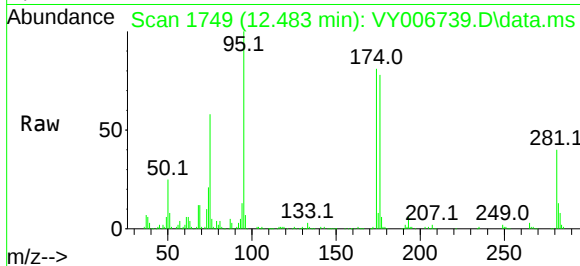




#81
trans-1,4-Dichloro-2-butene
Concen: 114.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49913
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.6 39.3 58.9#



#96
1,2,3-Trichlorobenzene
Concen: 1.026 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006739.D
Acq: 15 Nov 2021 18:34

Tgt Ion:180 Resp: 1320
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.4
145 27.9 15.3 45.8

