

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006848.D
 Acq On : 22 Nov 2021 12:14
 Operator : SY/MD
 Sample : VY1122SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBL01

Quant Time: Nov 23 04:46:26 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)

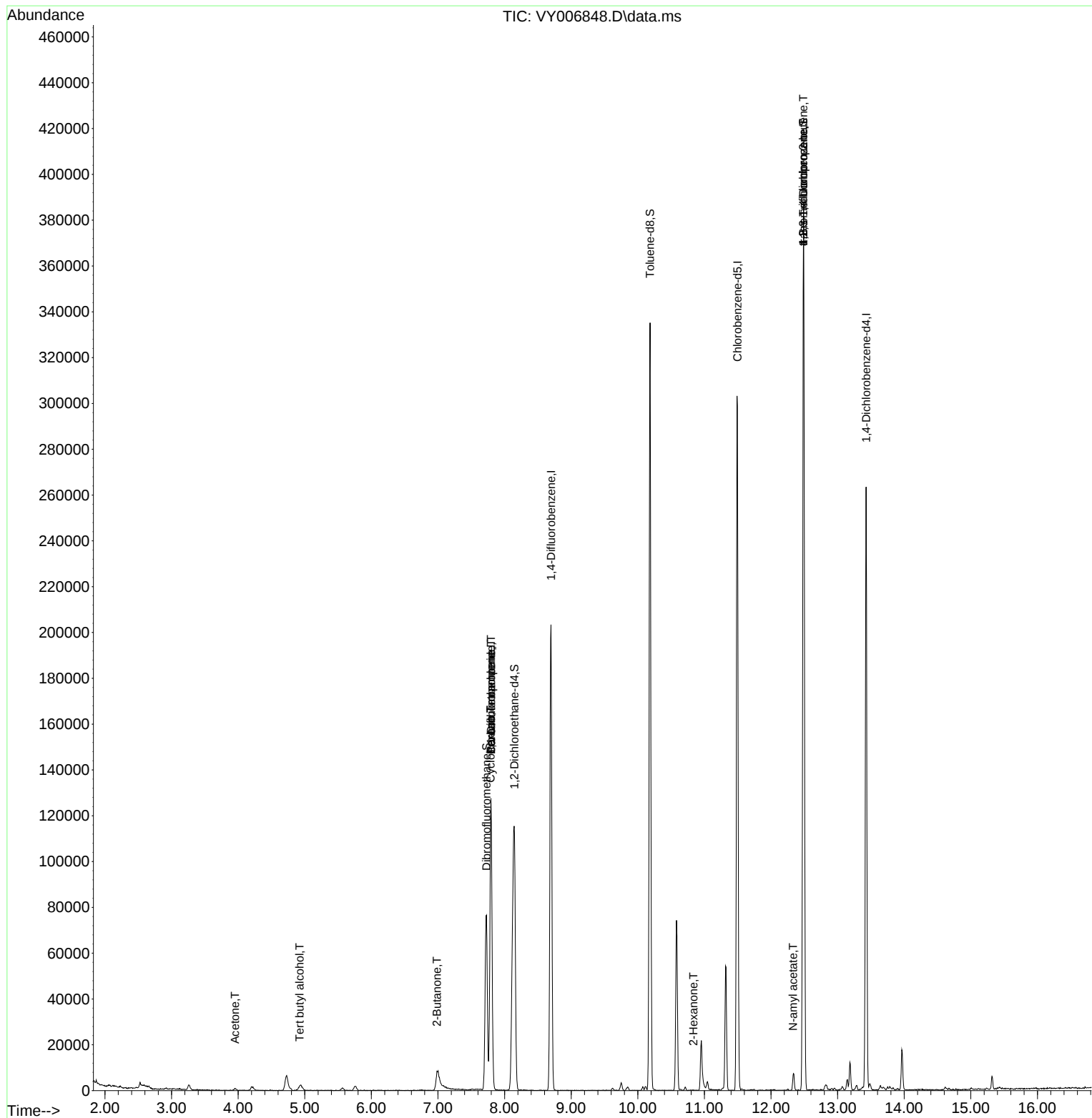
Internal Standards						
1) Pentafluorobenzene	7.795	168	95698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	160581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	153093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74373	59.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.600%	
35) Dibromofluoromethane	7.728	113	51151	51.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.185	98	204084	50.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.483	95	64154	46.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1124	5.959	ug/l #	72
16) Acetone	3.954	43	1434	3.763	ug/l #	87
25) 2-Butanone	6.984	43	851	12.965	ug/l #	52
31) Cyclohexane	7.789	56	2505	1.136	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	7801	4.469	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9488	5.315	ug/l #	16
59) 2-Hexanone	10.837	43	48	23.867	ug/l #	28
74) N-amyl acetate	12.331	43	186	3.256	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	39857	58.546	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39857	116.006	ug/l #	7

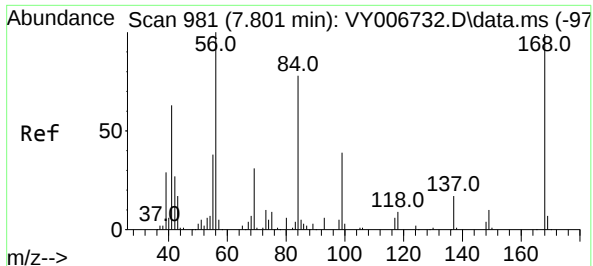
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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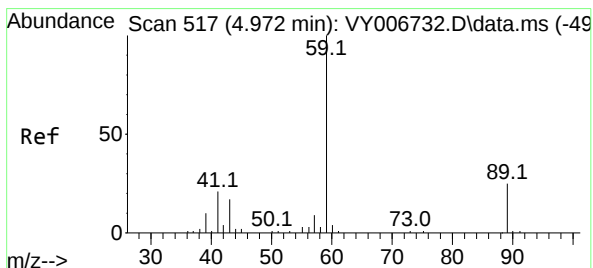
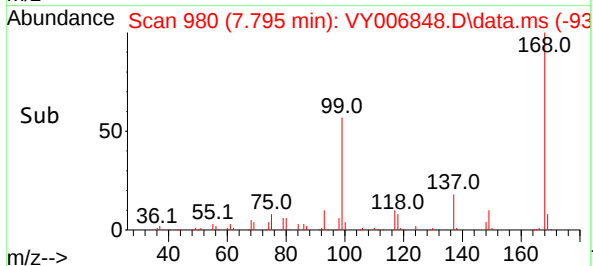
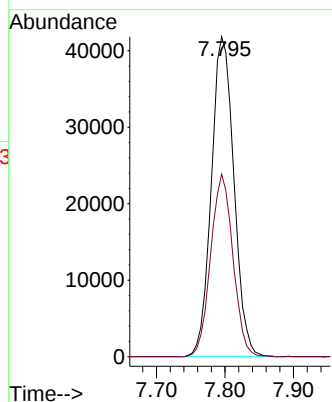
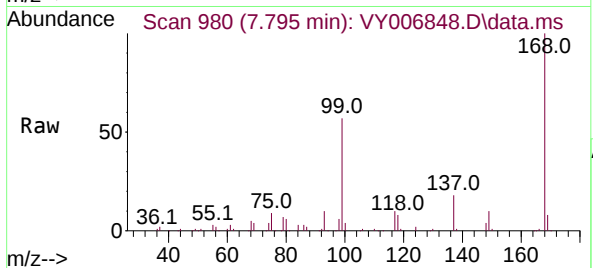




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

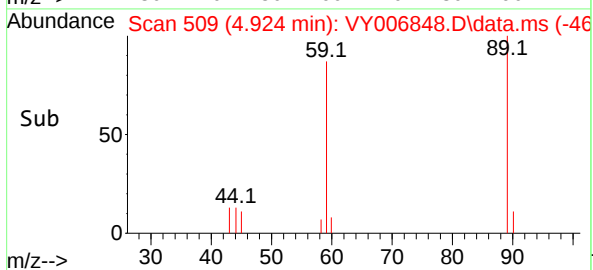
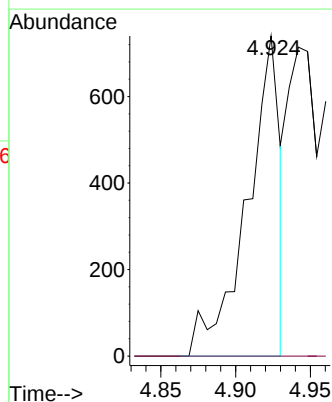
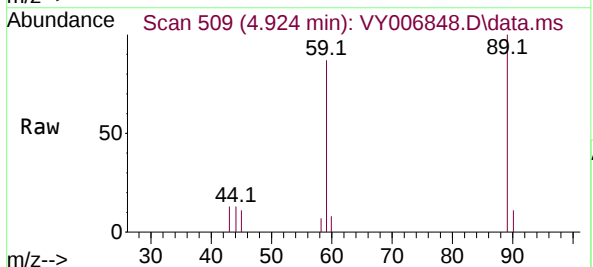
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

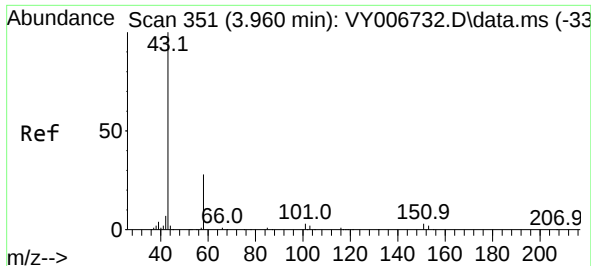
Tgt Ion:168 Resp: 95698
Ion Ratio Lower Upper
168 100
99 57.1 44.8 67.2



#11
Tert butyl alcohol
Concen: 5.959 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.048 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

Tgt Ion: 59 Resp: 1124
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 3.763 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY006848.D

Acq: 22 Nov 2021 12:14

Instrument :

MSVOA_Y

ClientSampleId :

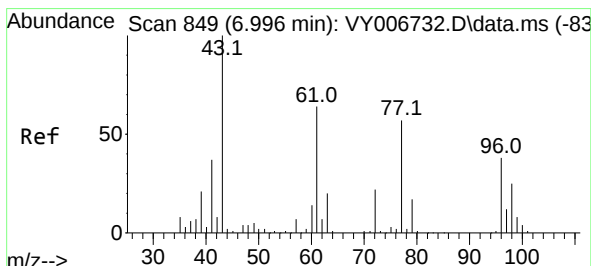
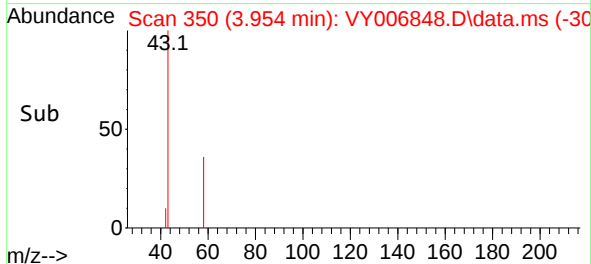
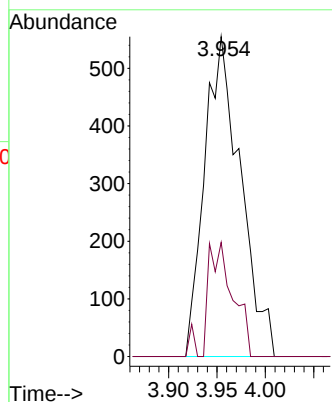
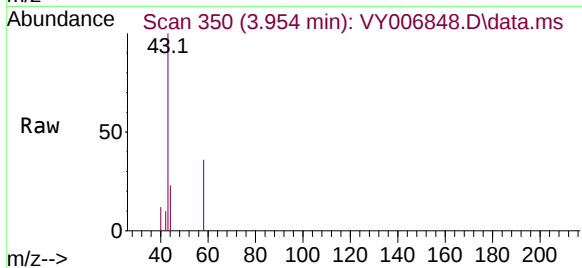
VY1122SBL01

Tgt Ion: 43 Resp: 1434

Ion Ratio Lower Upper

43 100

58 35.7 22.9 34.3#



#25

2-Butanone

Concen: 12.965 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY006848.D

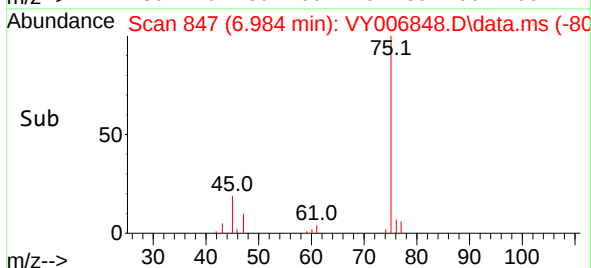
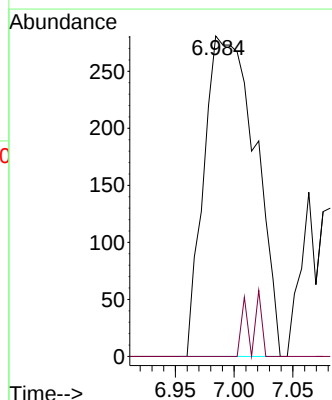
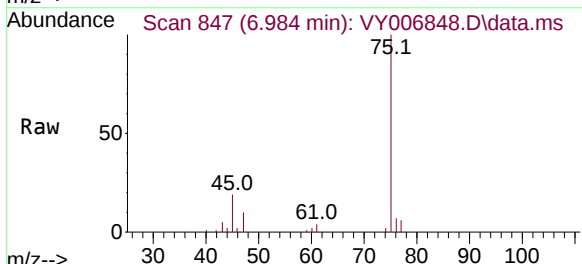
Acq: 22 Nov 2021 12:14

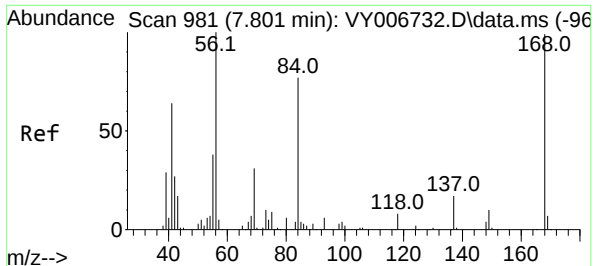
Tgt Ion: 43 Resp: 851

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#

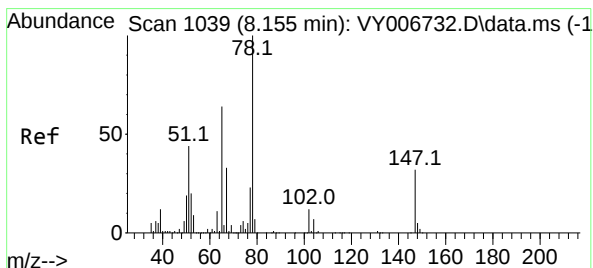
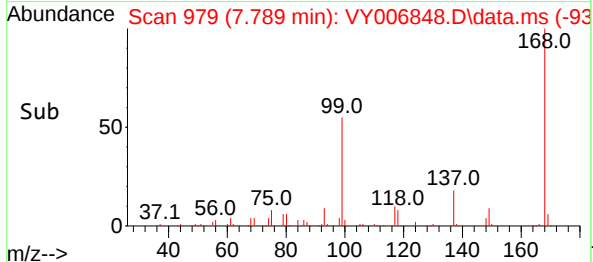
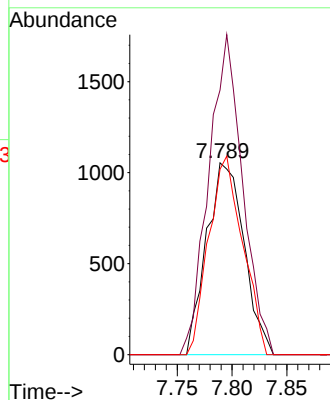
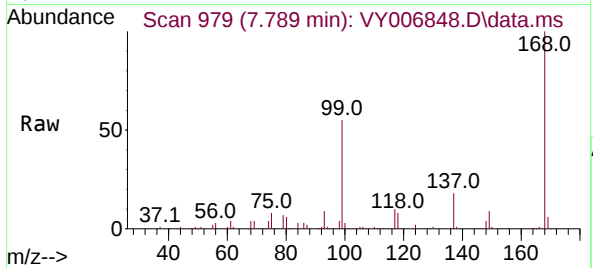




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

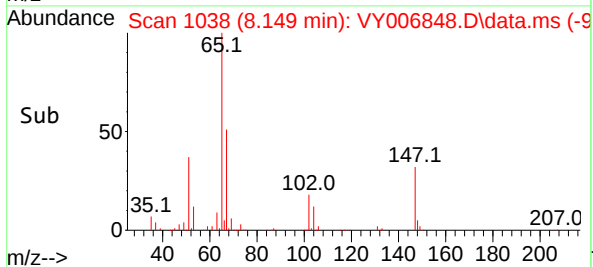
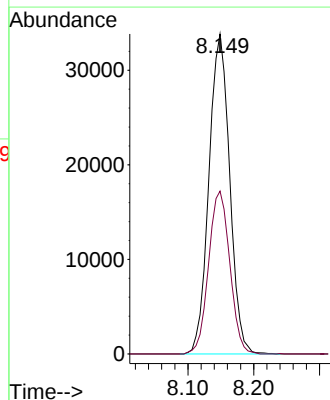
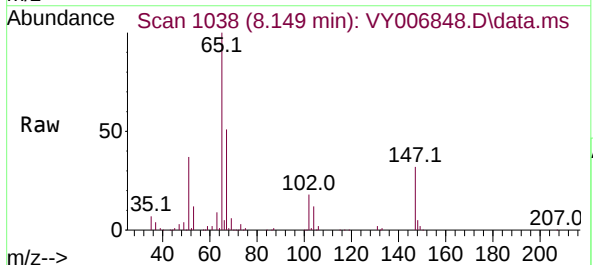
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

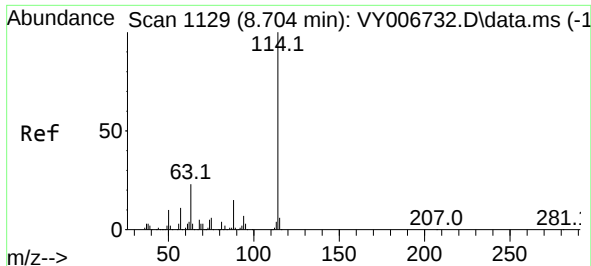
Tgt Ion: 56 Resp: 2505
Ion Ratio Lower Upper
56 100
69 138.0 26.6 40.0#
84 96.7 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 59.297 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

Tgt Ion: 65 Resp: 74373
Ion Ratio Lower Upper
65 100
67 51.9 0.0 98.2

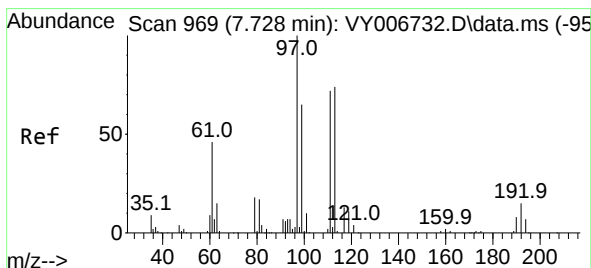
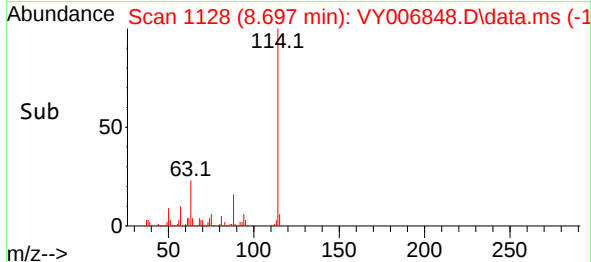
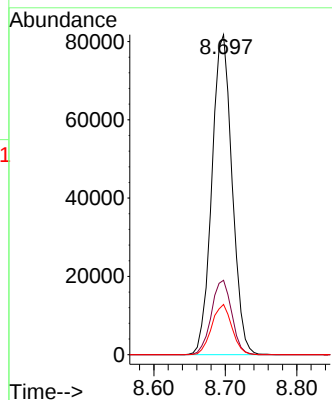
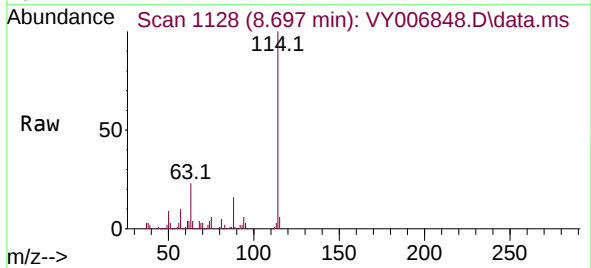




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

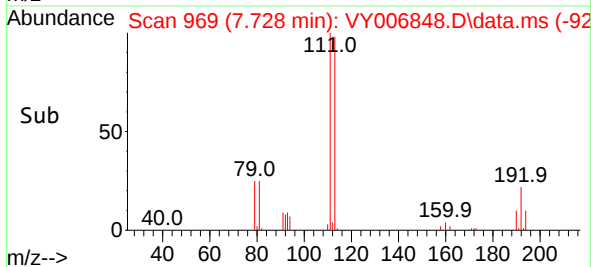
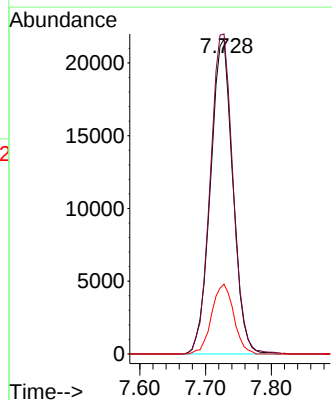
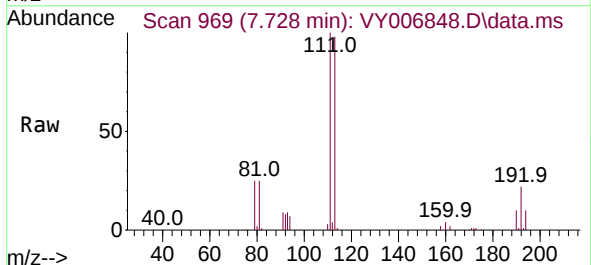
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

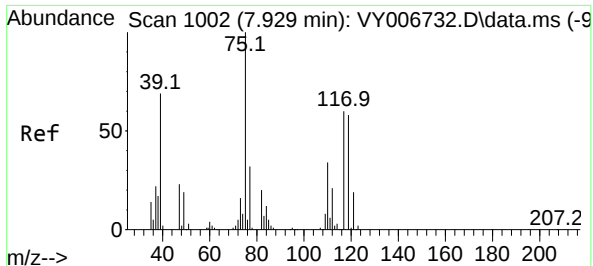
Tgt Ion:114 Resp: 160581
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.859 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

Tgt Ion:113 Resp: 51151
Ion Ratio Lower Upper
113 100
111 103.5 82.3 123.5
192 21.9 17.4 26.2

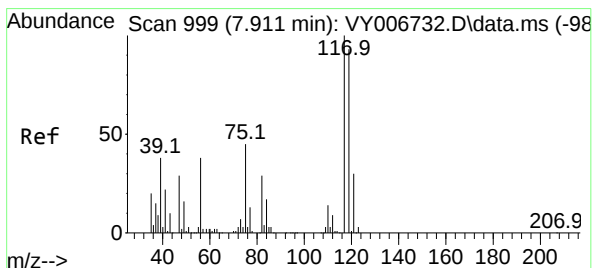
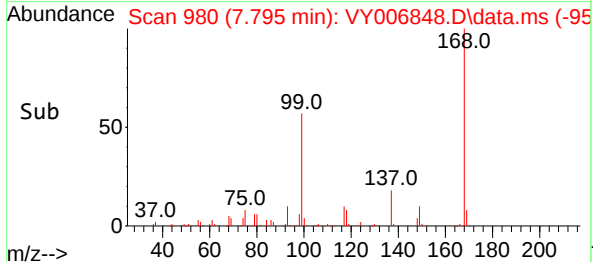
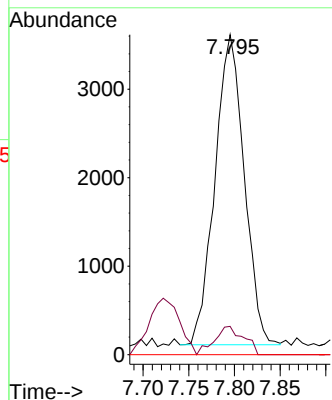
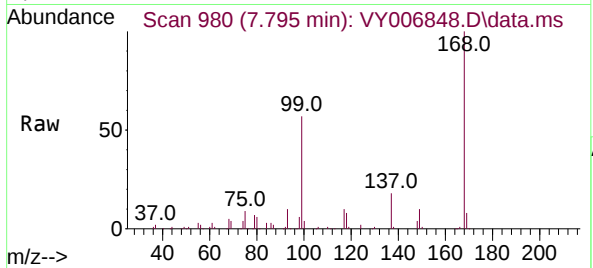




#36
 1,1-Dichloropropene
 Concen: 4.469 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY006848.D
 Acq: 22 Nov 2021 12:14

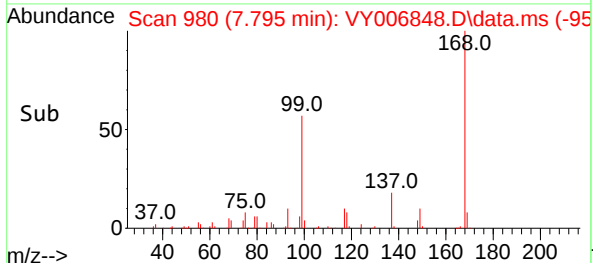
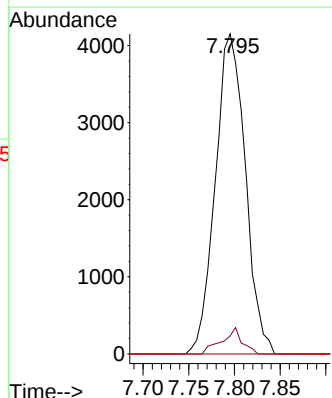
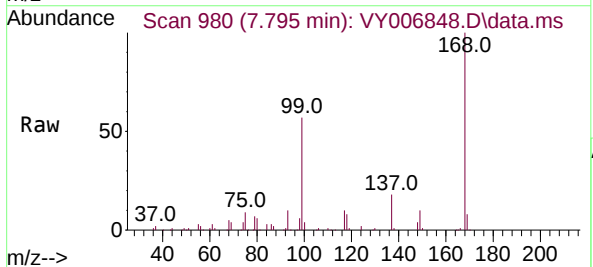
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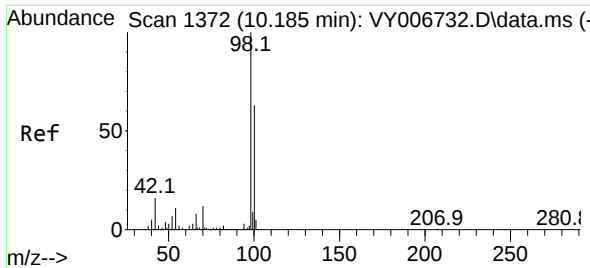
Tgt Ion:	75	Resp:	7801
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.315 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY006848.D
 Acq: 22 Nov 2021 12:14

Tgt Ion:	117	Resp:	9488
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.6	115.0#
121	0.0	24.7	37.1#

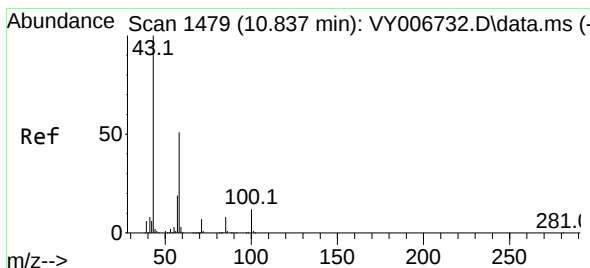
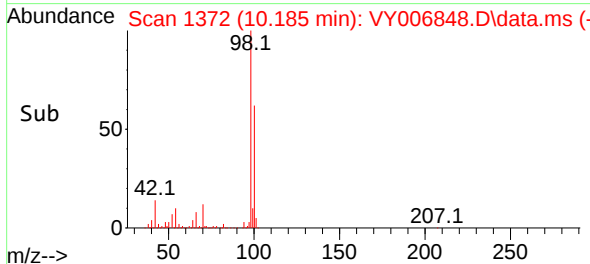
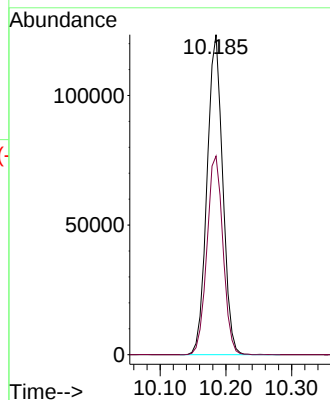
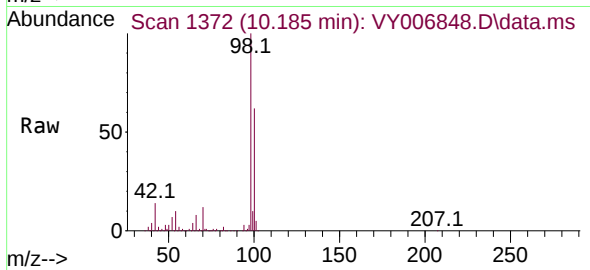




#50
Toluene-d8
Concen: 50.000 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

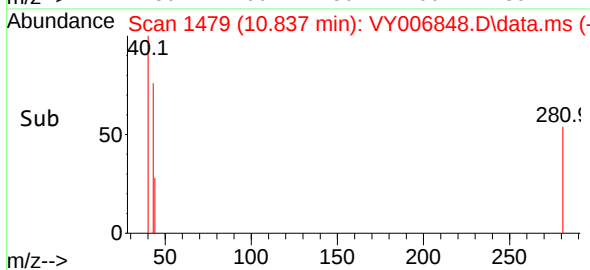
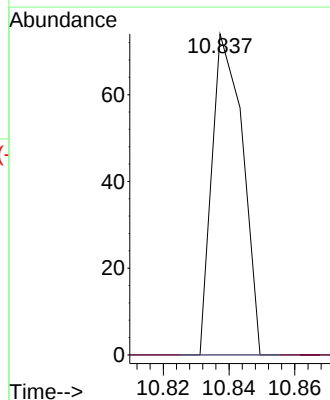
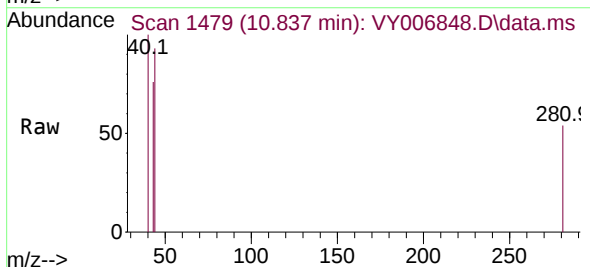
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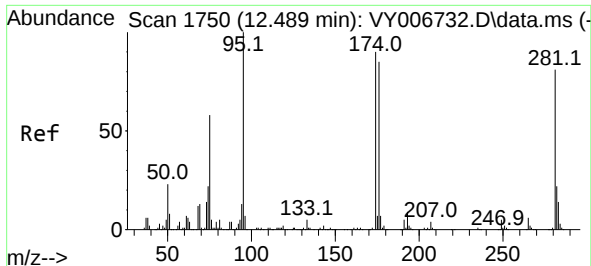
Tgt Ion: 98 Resp: 204084
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#59
2-Hexanone
Concen: 23.867 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#





#62

4-Bromofluorobenzene

Concen: 46.623 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006848.D

Acq: 22 Nov 2021 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBL01

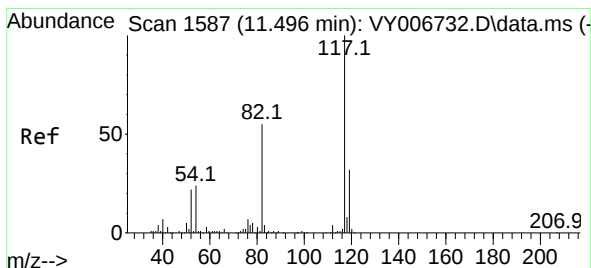
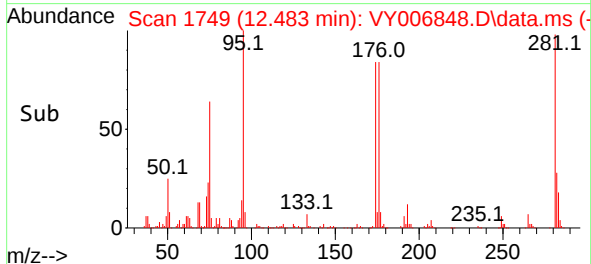
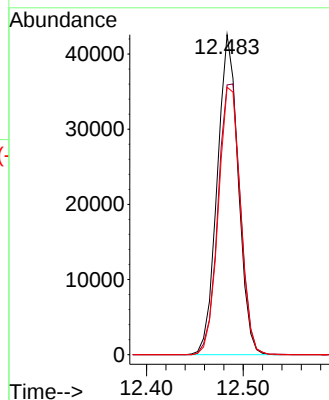
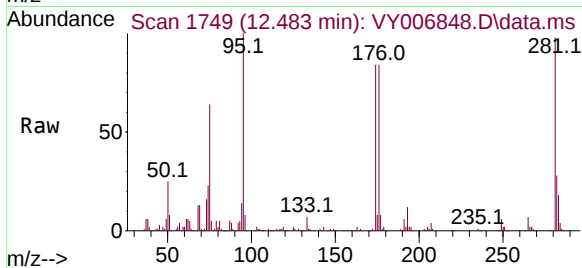
Tgt Ion: 95 Resp: 64154

Ion Ratio Lower Upper

95 100

174 90.3 0.0 177.0

176 87.4 0.0 169.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VY006848.D

Acq: 22 Nov 2021 12:14

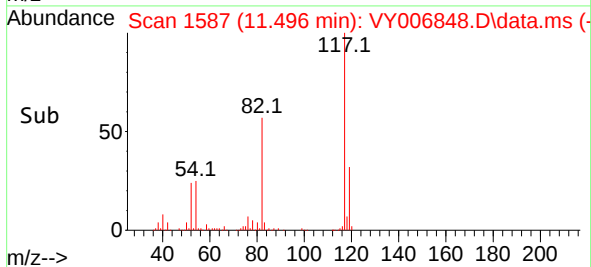
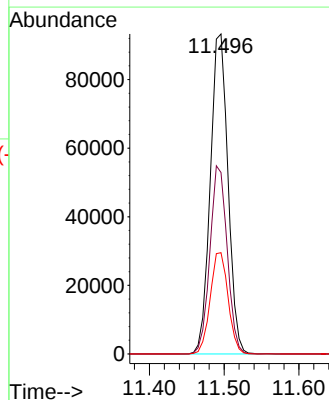
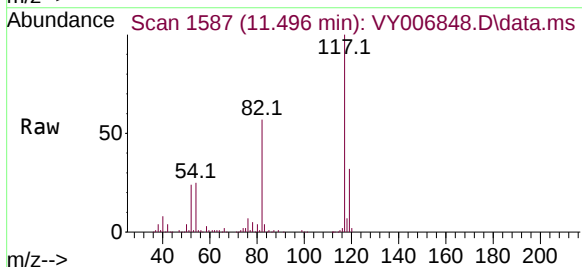
Tgt Ion: 117 Resp: 153093

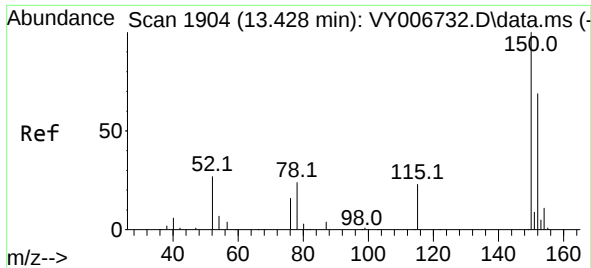
Ion Ratio Lower Upper

117 100

82 56.7 45.7 68.5

119 31.7 25.5 38.3

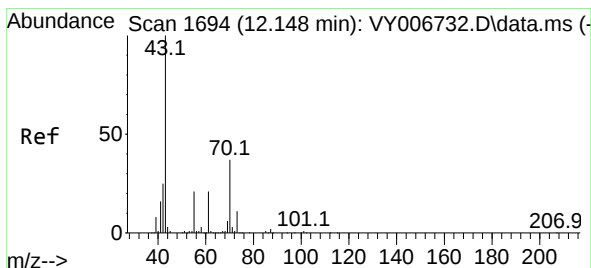
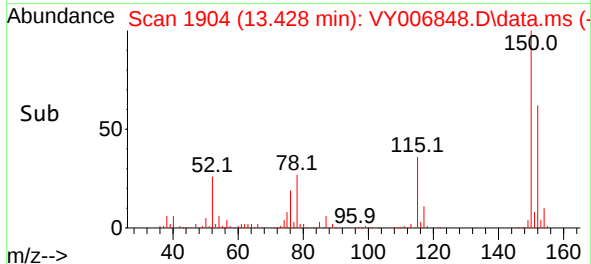
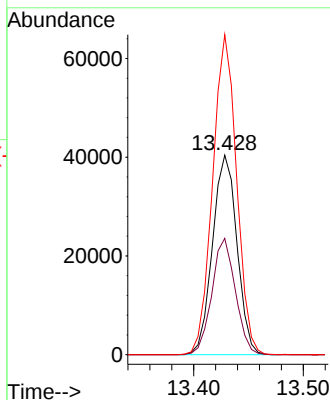
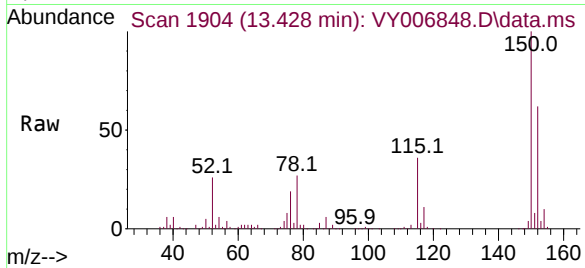




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

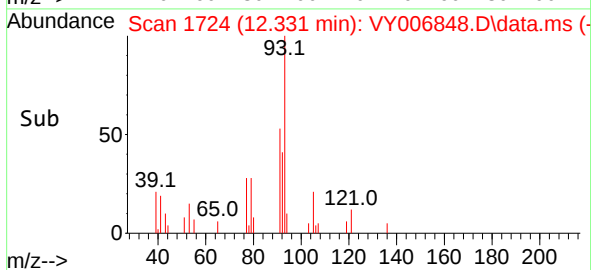
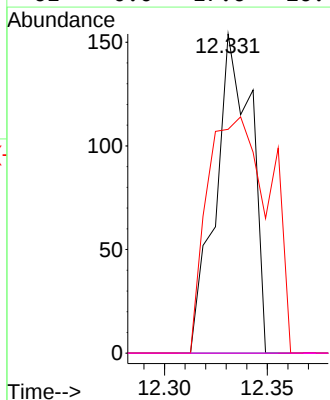
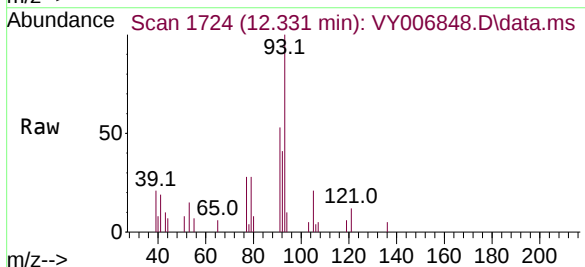
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

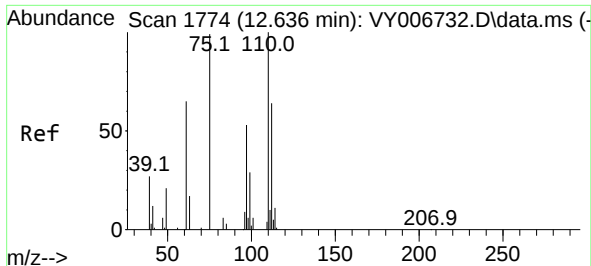
Tgt Ion:152 Resp: 62617
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 157.1 0.0 348.2



#74
N-ethyl acetate
Concen: 3.256 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.183 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 129.0 18.1 27.1#
61 0.0 17.6 26.4#

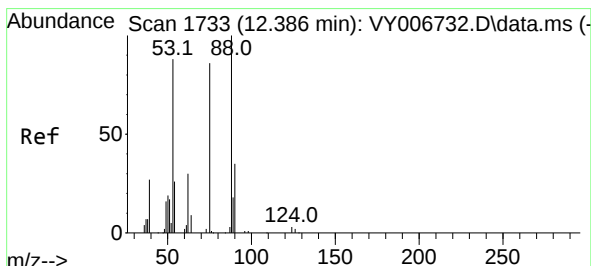
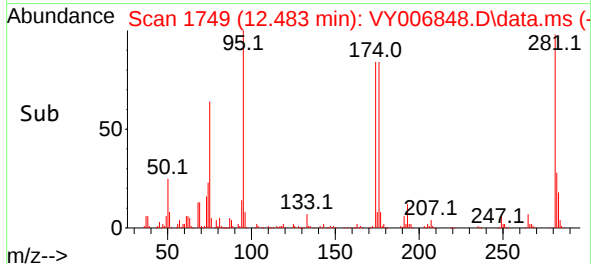
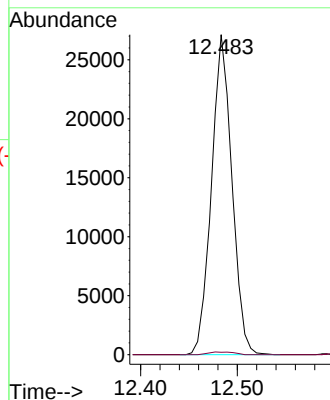
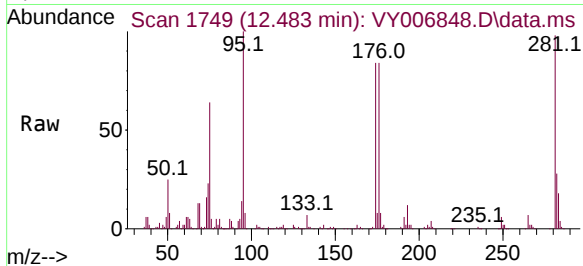




#76
1,2,3-Trichloropropane
Concen: 58.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

Tgt Ion: 75 Resp: 39857
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006848.D
Acq: 22 Nov 2021 12:14

Tgt Ion: 75 Resp: 39857
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 1.2 39.3 58.9#

