

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006854.D
 Acq On : 22 Nov 2021 15:30
 Operator : SY/MD
 Sample : M4796-01
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-111921

Quant Time: Nov 23 04:47:47 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)

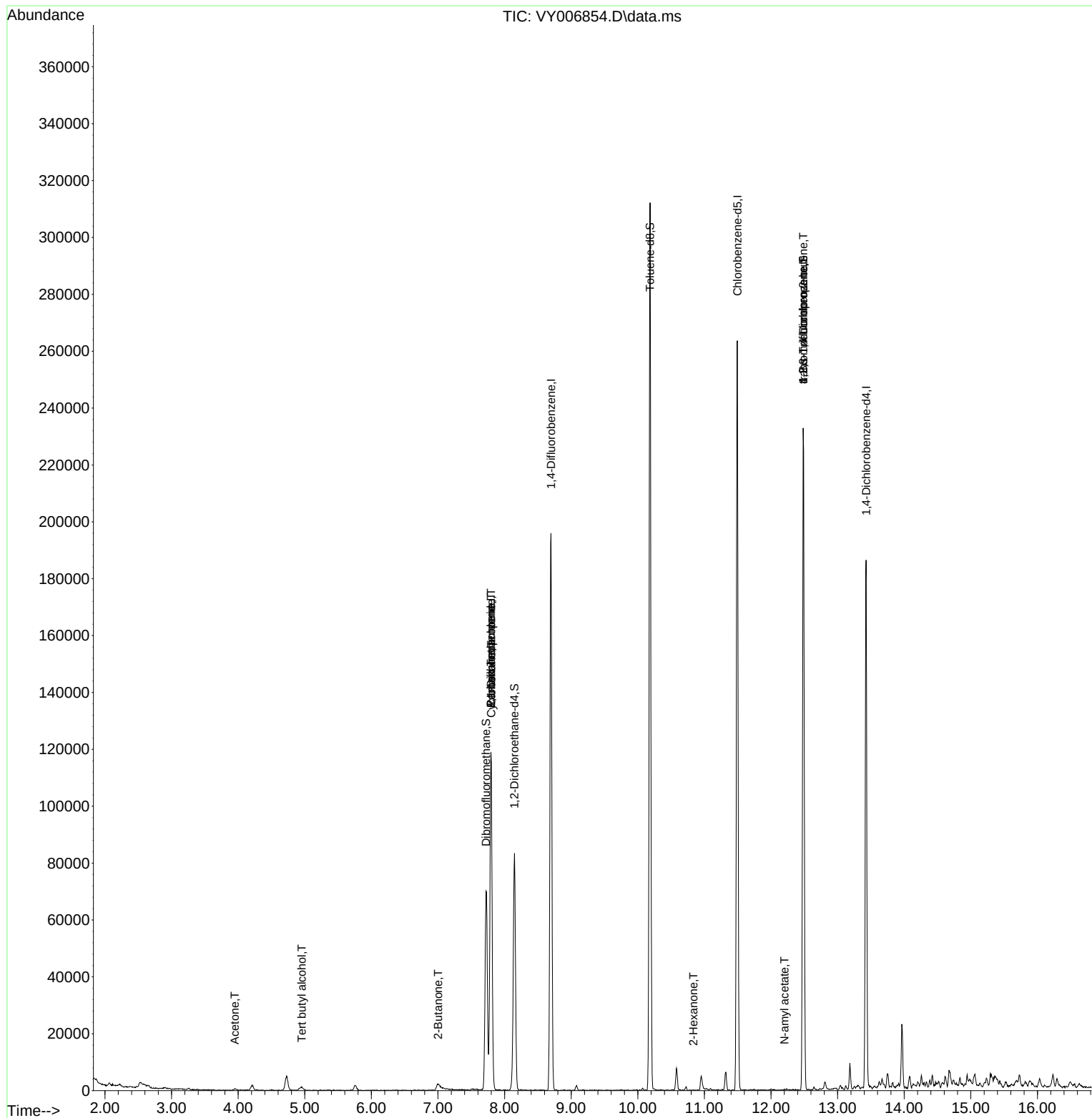
Internal Standards						
1) Pentafluorobenzene	7.795	168	91075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	152940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67019	56.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.300%	
35) Dibromofluoromethane	7.722	113	47803	50.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.780%	
50) Toluene-d8	10.185	98	192429	49.500	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.483	95	50590	38.602	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	2090	11.643	ug/l #	77
16) Acetone	3.948	43	966	2.664	ug/l	96
20) Methylene Chloride	4.728	84	3292	Below Cal		94
25) 2-Butanone	7.002	43	203	11.868	ug/l #	52
31) Cyclohexane	7.801	56	2224	1.060	ug/l #	36
36) 1,1-Dichloropropene	7.795	75	8177	4.919	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9139	5.375	ug/l #	16
59) 2-Hexanone	10.837	43	39	23.860	ug/l #	28
74) N-amyl acetate	12.203	43	20	3.171	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	31547	65.142	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31547	129.077	ug/l #	7

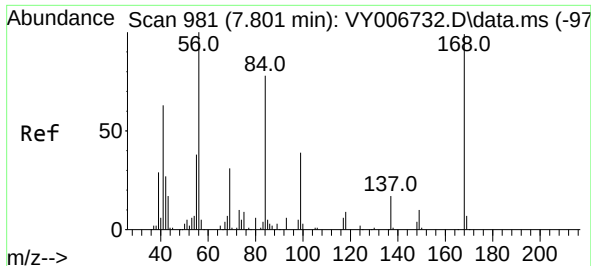
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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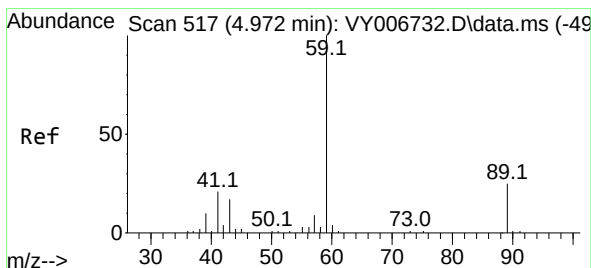
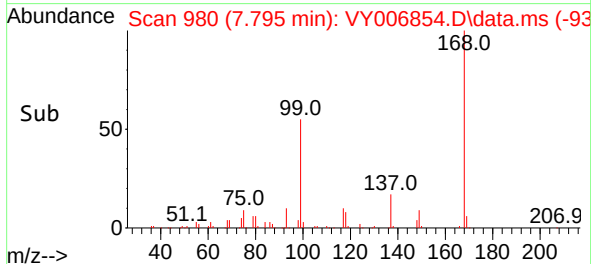
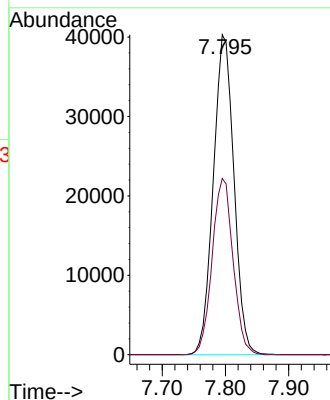
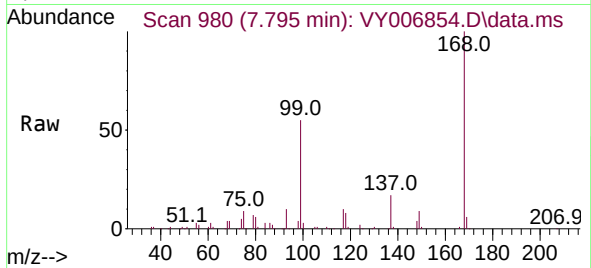




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

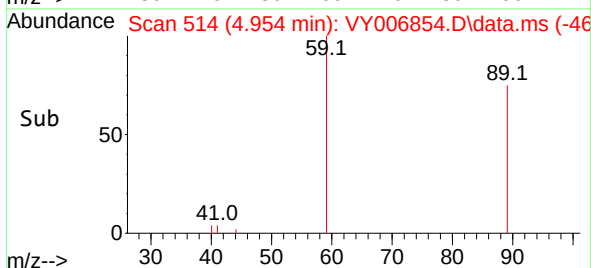
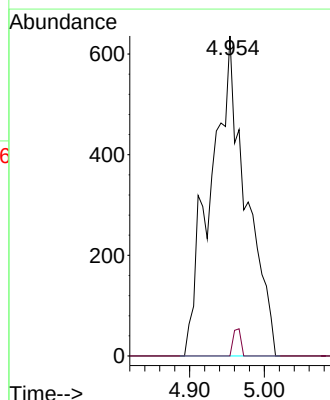
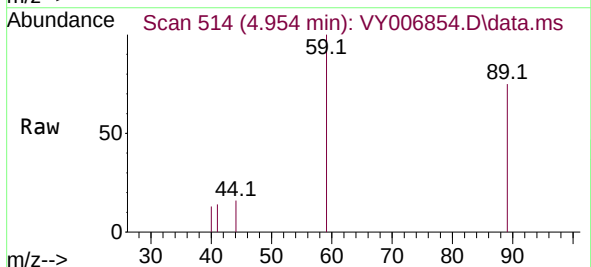
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-111921

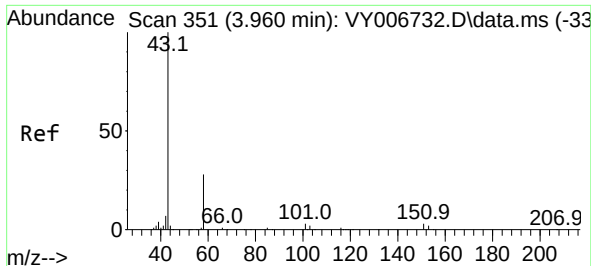
Tgt Ion:168 Resp: 91075
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 11.643 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Tgt Ion: 59 Resp: 2090
Ion Ratio Lower Upper
59 100
57 1.8 8.2 12.4#

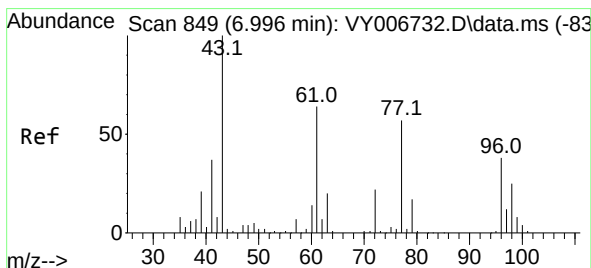
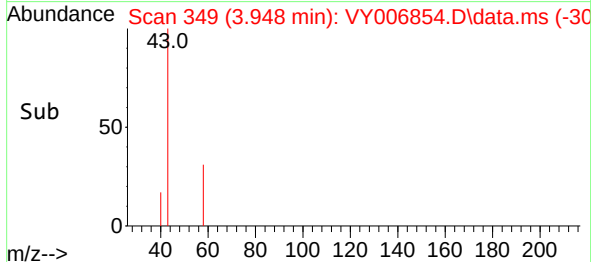
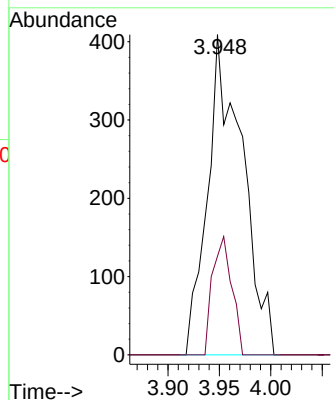
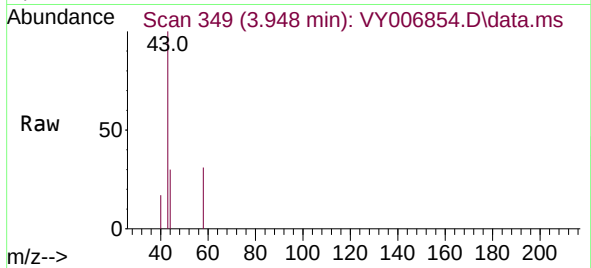




#16
Acetone
Concen: 2.664 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

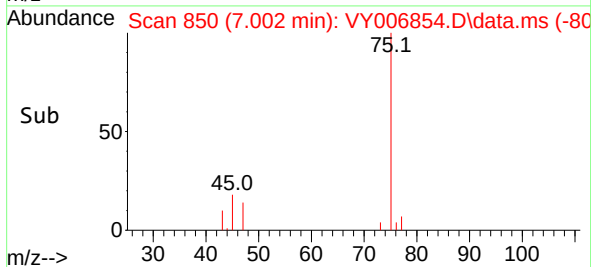
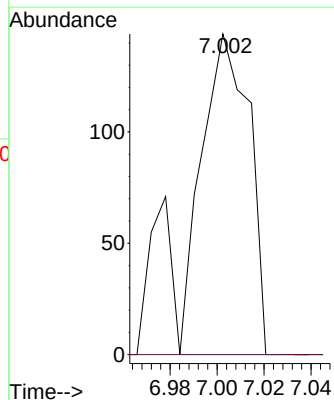
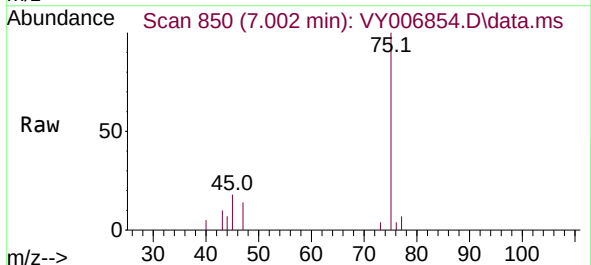
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-111921

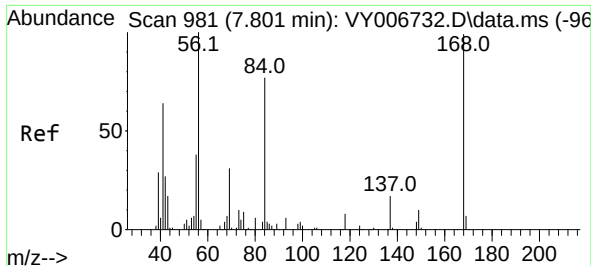
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
58 30.8 22.9 34.3



#25
2-Butanone
Concen: 11.868 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Tgt Ion: 43 Resp: 203
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

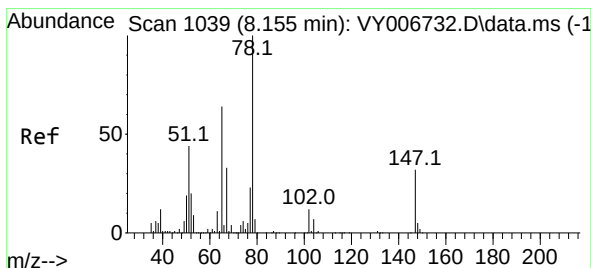
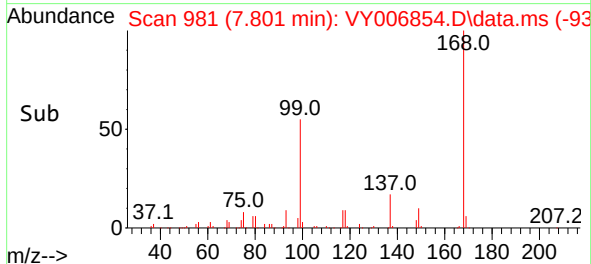
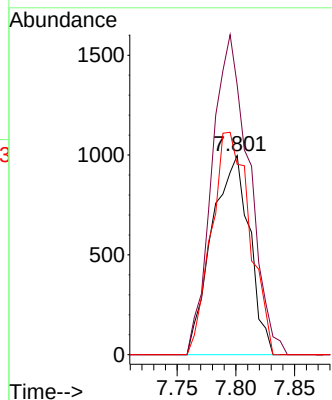
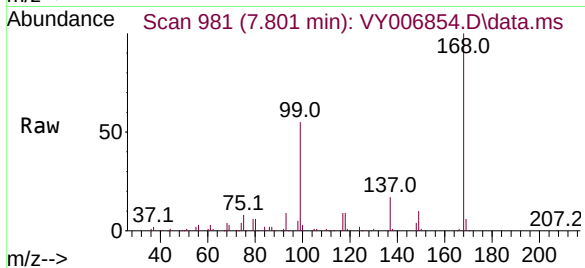




#31
Cyclohexane
Concen: 1.060 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

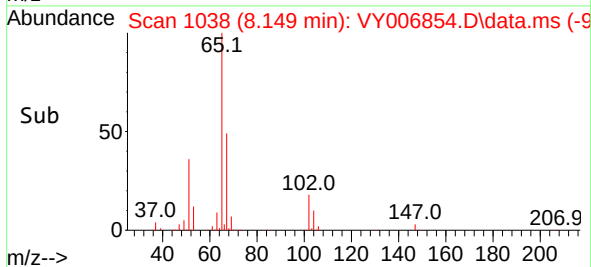
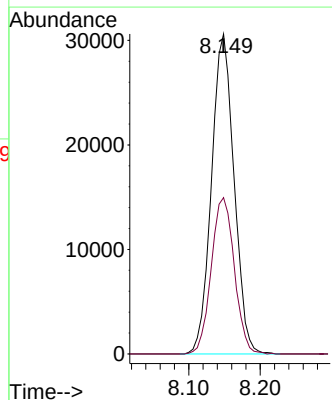
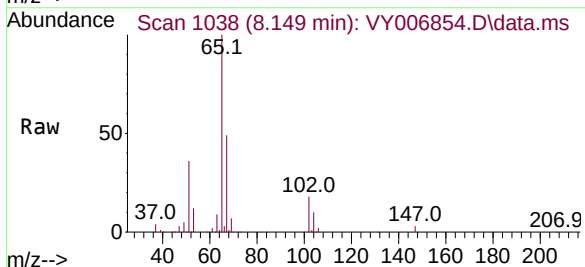
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-111921

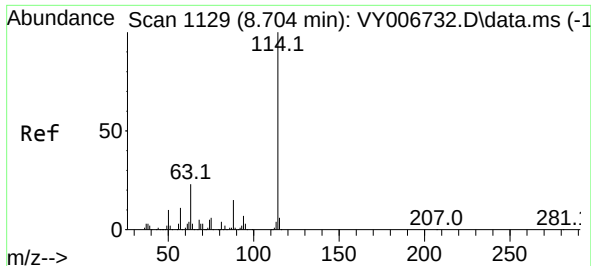
Tgt Ion: 56 Resp: 2224
Ion Ratio Lower Upper
56 100
69 135.5 26.6 40.0#
84 95.7 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 56.146 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Tgt Ion: 65 Resp: 67019
Ion Ratio Lower Upper
65 100
67 50.0 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: VY006854.D

Acq: 22 Nov 2021 15:30

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-111921

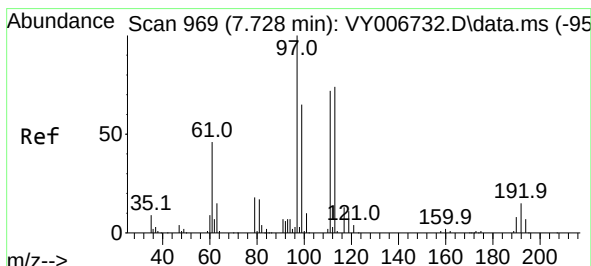
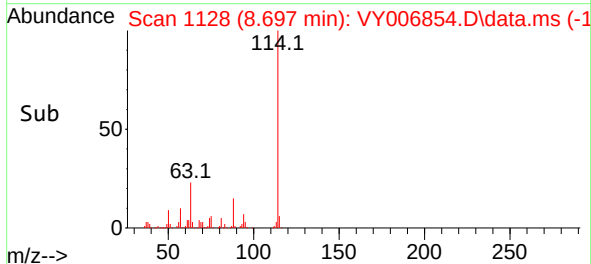
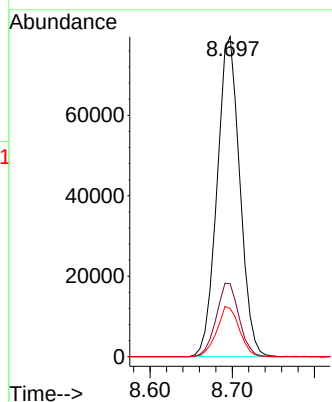
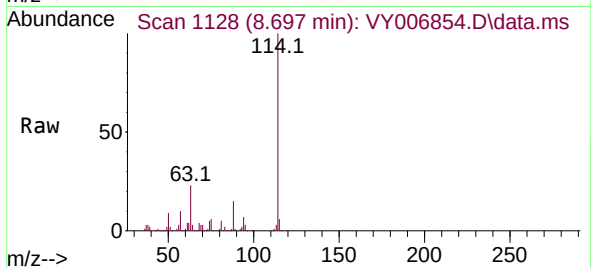
Tgt Ion:114 Resp: 152940

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006854.D

Acq: 22 Nov 2021 15:30

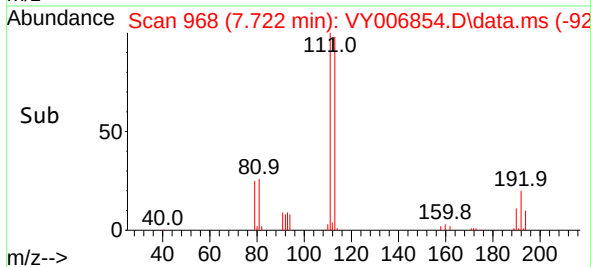
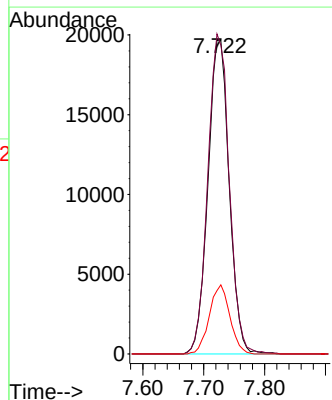
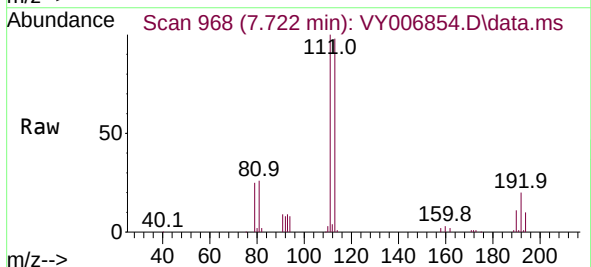
Tgt Ion:113 Resp: 47803

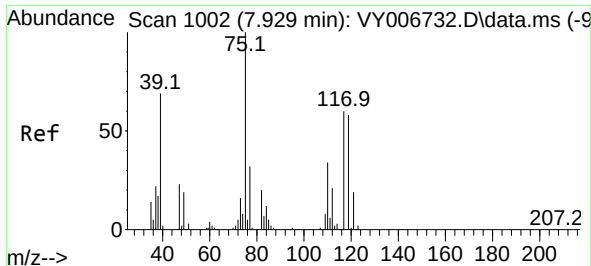
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 21.3 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.919 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY006854.D

Acq: 22 Nov 2021 15:30

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-111921

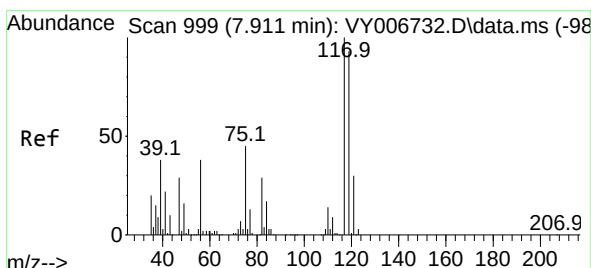
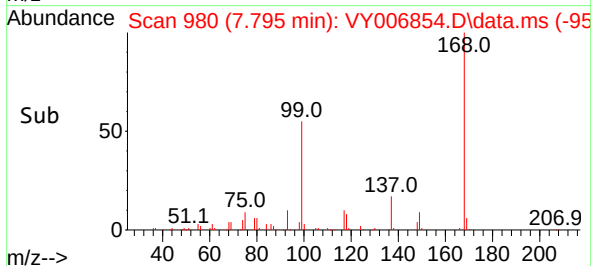
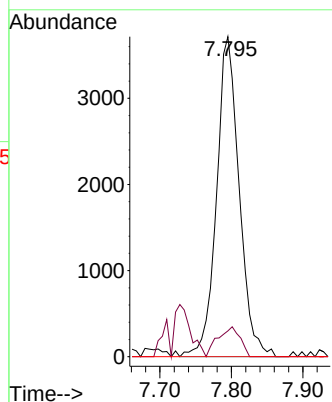
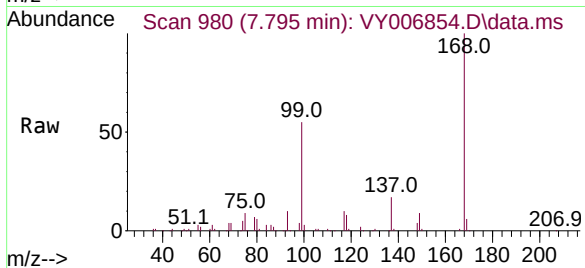
Tgt Ion: 75 Resp: 8177

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.375 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY006854.D

Acq: 22 Nov 2021 15:30

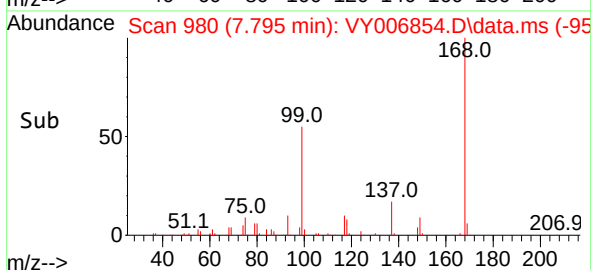
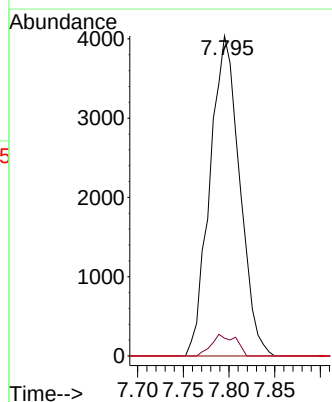
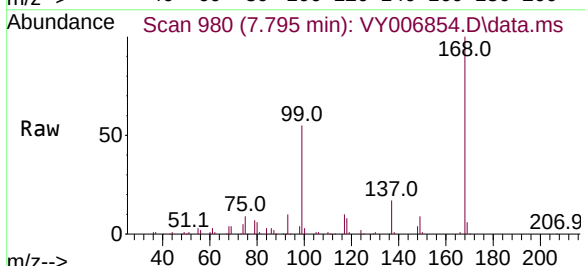
Tgt Ion: 117 Resp: 9139

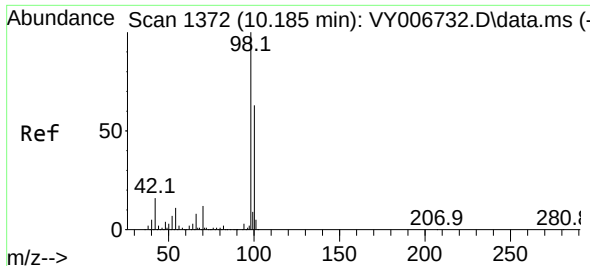
Ion Ratio Lower Upper

117 100

119 5.6 76.6 115.0#

121 0.0 24.7 37.1#

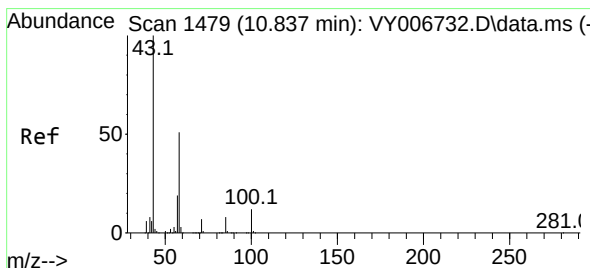
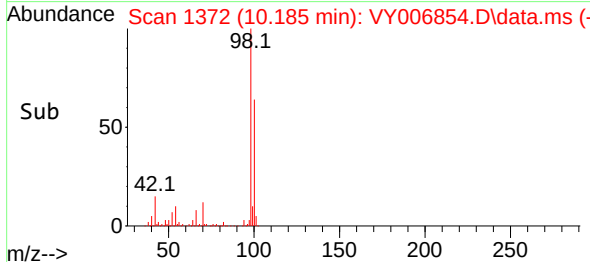
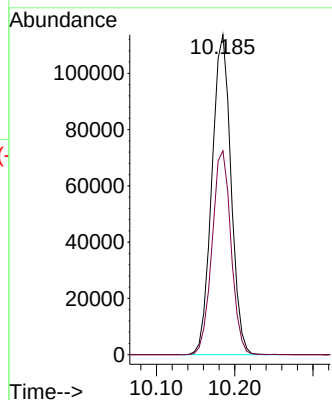
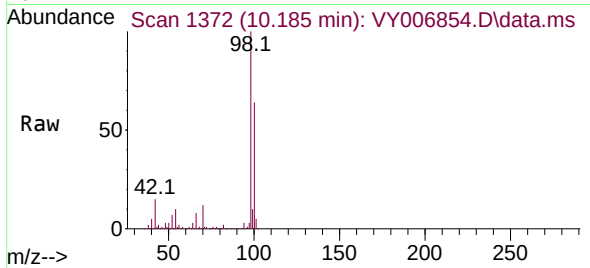




#50
Toluene-d8
Concen: 49.500 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

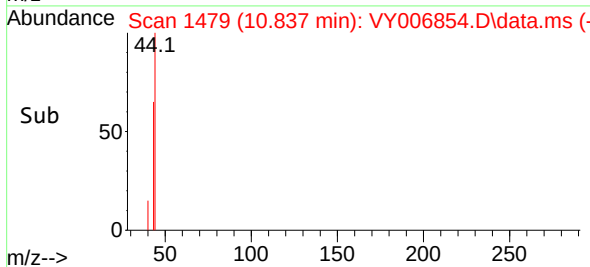
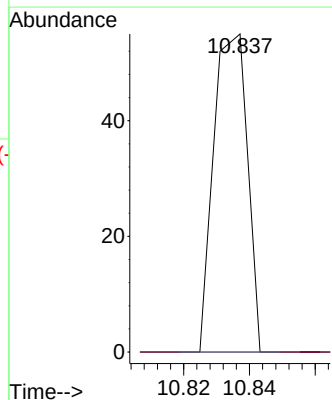
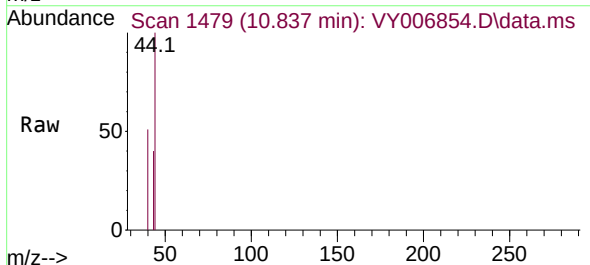
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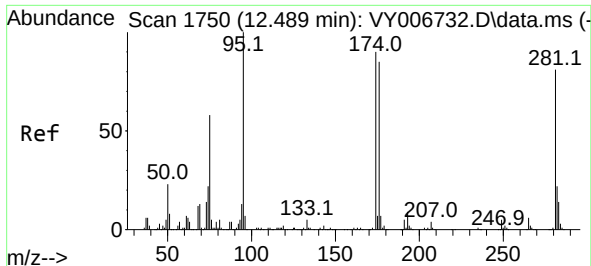
Tgt Ion: 98 Resp: 192429
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#59
2-Hexanone
Concen: 23.860 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

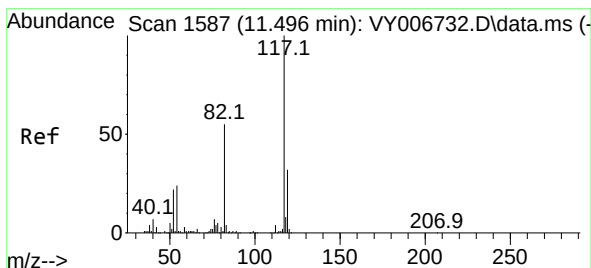
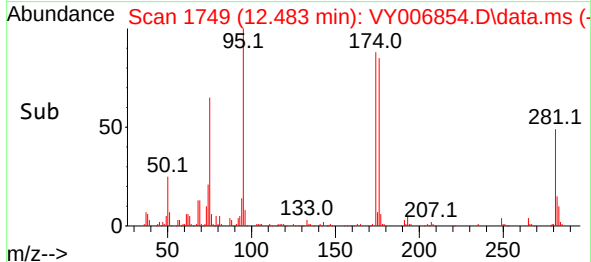
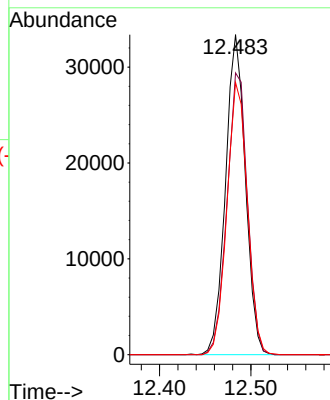
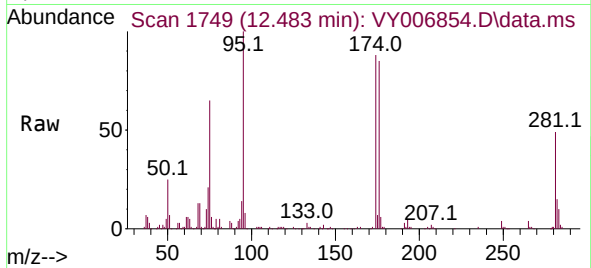




#62
4-Bromofluorobenzene
Concen: 38.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

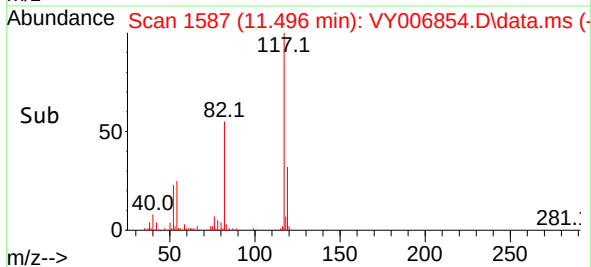
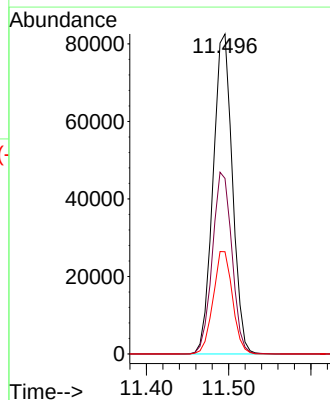
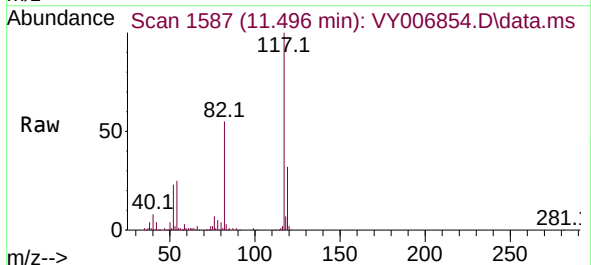
Instrument :
MSVOA_Y
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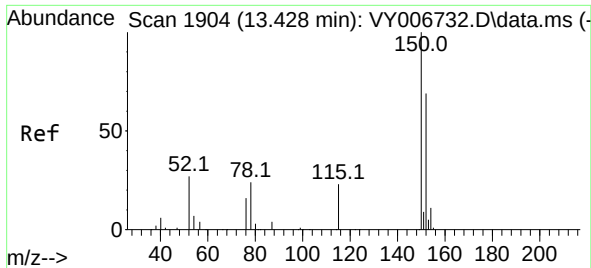
Tgt Ion: 95 Resp: 50590
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 87.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Tgt Ion: 117 Resp: 134443
Ion Ratio Lower Upper
117 100
82 54.8 45.7 68.5
119 32.0 25.5 38.3

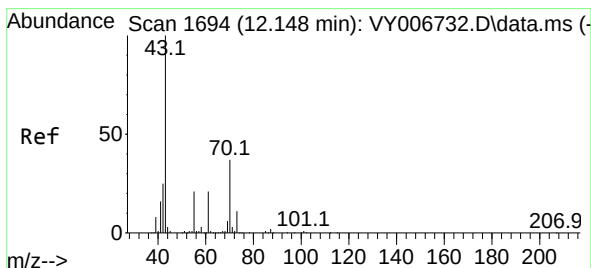
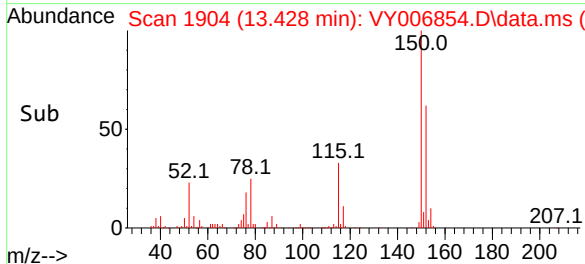
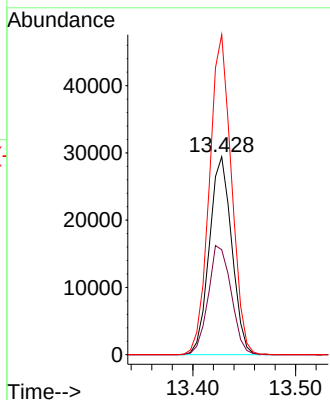
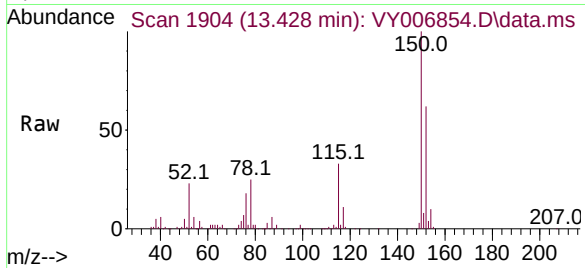




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

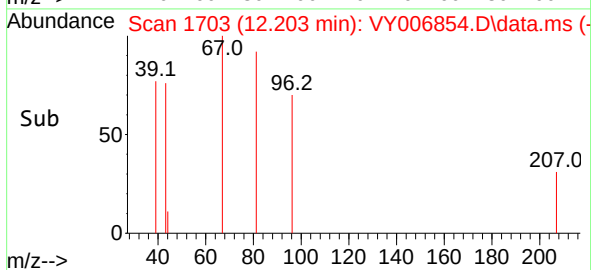
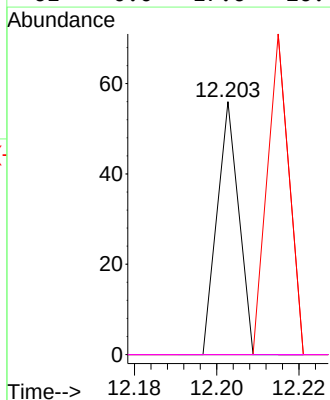
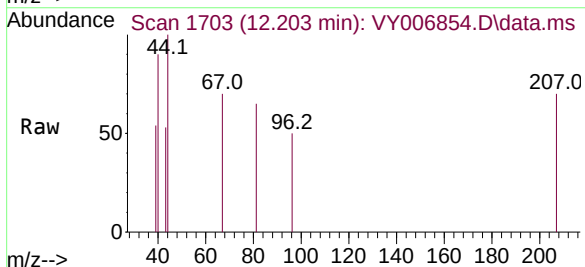
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-111921

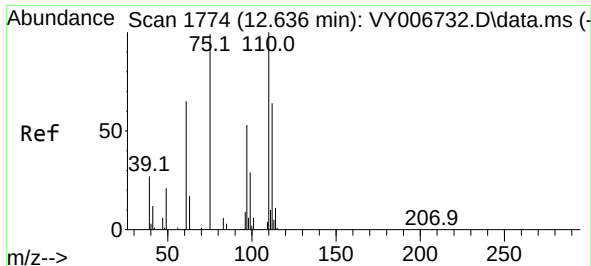
Tgt Ion:152 Resp: 44543
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 159.3 0.0 348.2



#74
N-ethyl acetate
Concen: 3.171 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.055 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 130.0 18.1 27.1#
61 0.0 17.6 26.4#

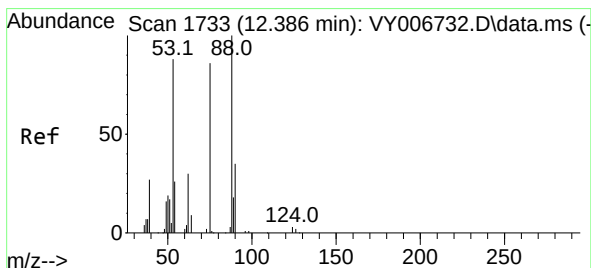
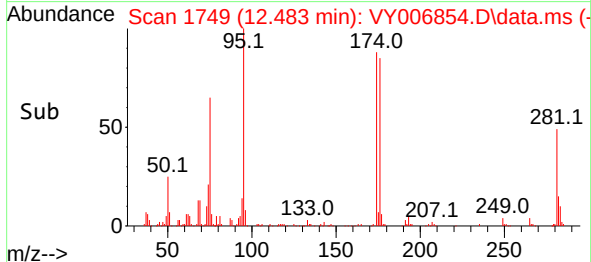
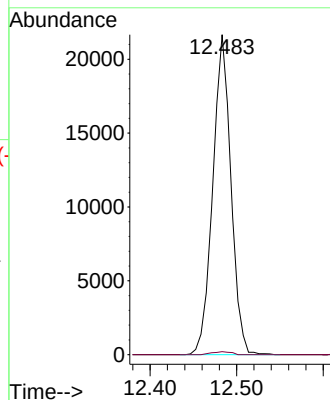
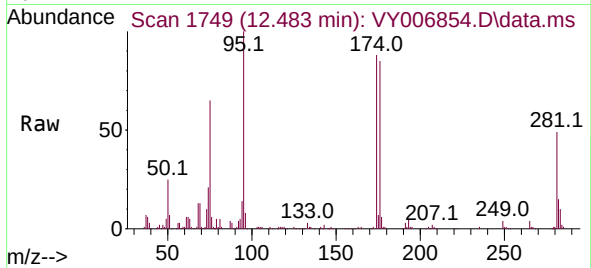




#76
1,2,3-Trichloropropane
Concen: 65.142 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-111921

Tgt Ion: 75 Resp: 31547
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006854.D
Acq: 22 Nov 2021 15:30

Tgt Ion: 75 Resp: 31547
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.4 39.3 58.9#

