

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006882.D
 Acq On : 24 Nov 2021 17:15
 Operator : SY/MD
 Sample : M4831-05
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW9-GW-838-840

Quant Time: Nov 26 09:57:50 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)

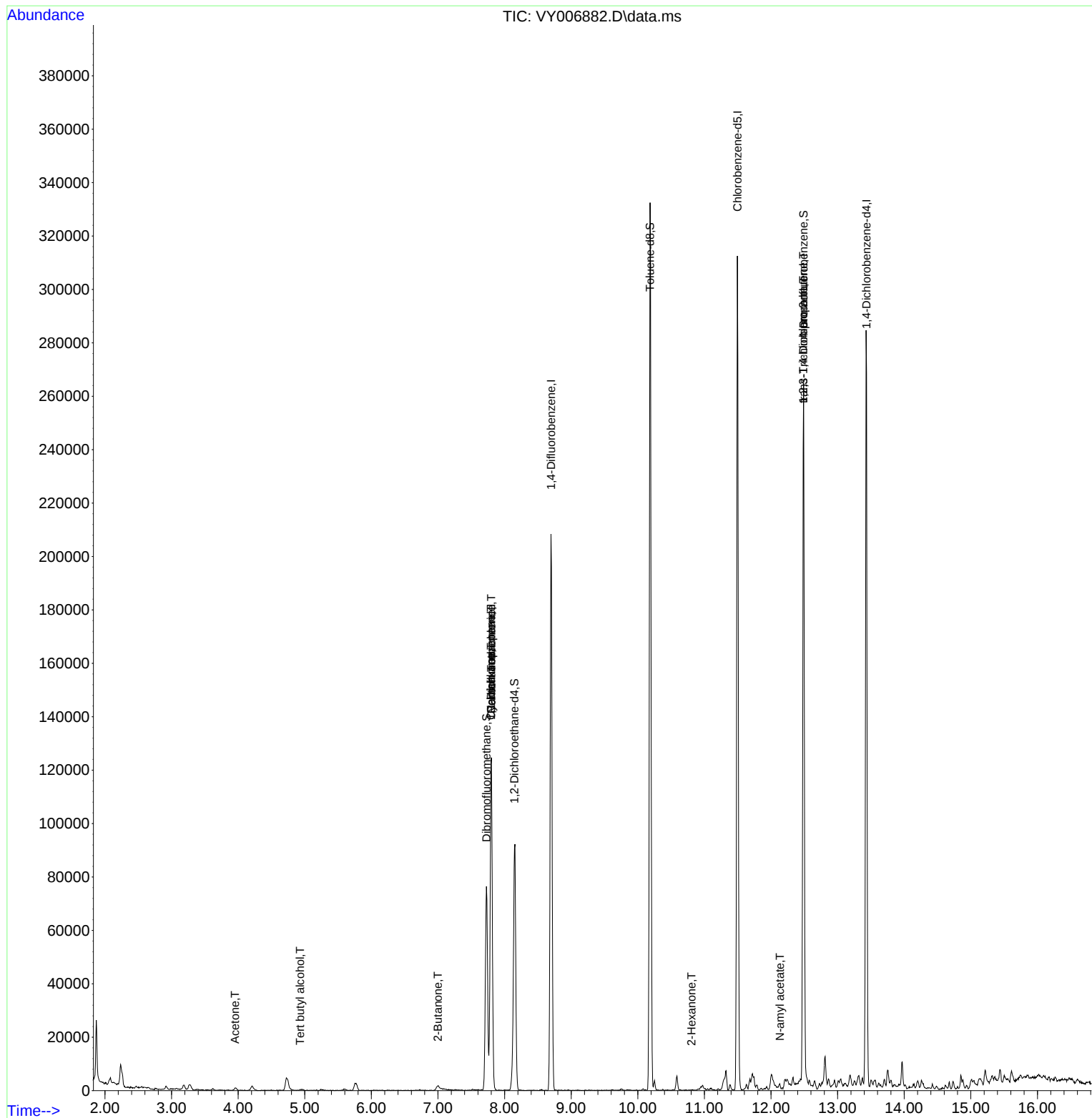
Internal Standards						
1) Pentafluorobenzene	7.801	168	93937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	162637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	152470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73778	59.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.860%	
35) Dibromofluoromethane	7.728	113	51524	51.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.160%	
50) Toluene-d8	10.185	98	206218	49.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.489	95	65867	47.263	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	342	1.847	ug/l #	72
16) Acetone	3.954	43	1638	4.379	ug/l #	83
20) Methylene Chloride	4.728	84	3447	Below Cal		94
25) 2-Butanone	6.996	43	314	12.051	ug/l #	52
31) Cyclohexane	7.795	56	2310	1.068	ug/l #	45
36) 1,1-Dichloropropene	7.795	75	8223	4.652	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9513	5.261	ug/l #	16
59) 2-Hexanone	10.807	43	106	23.928	ug/l #	28
74) N-amyl acetate	12.136	43	784	3.534	ug/l #	57
76) 1,2,3-Trichloropropane	12.483	75	39903	52.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39903	103.374	ug/l #	7

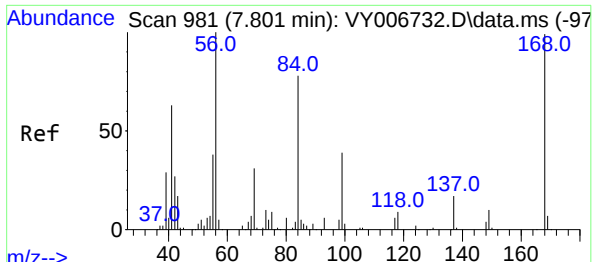
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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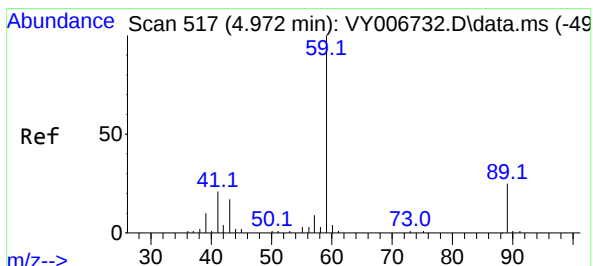
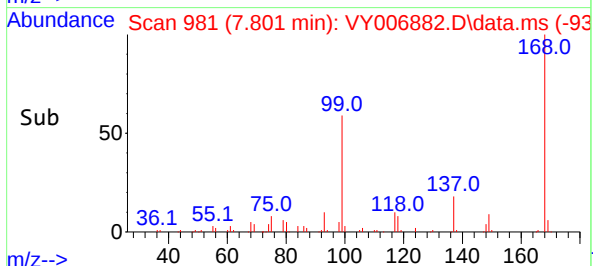
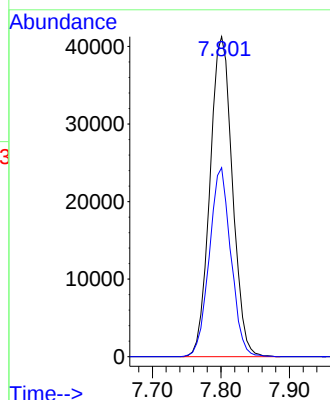
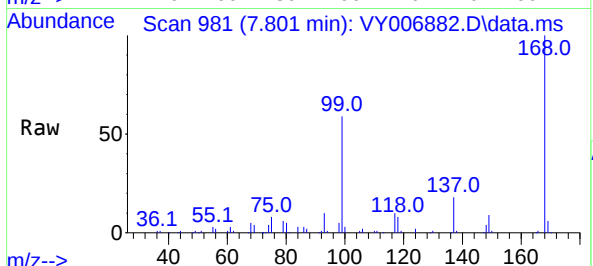




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

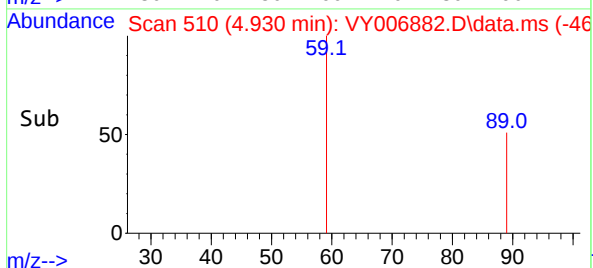
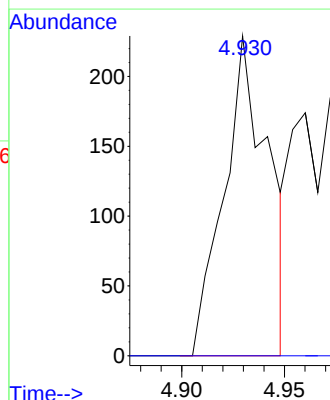
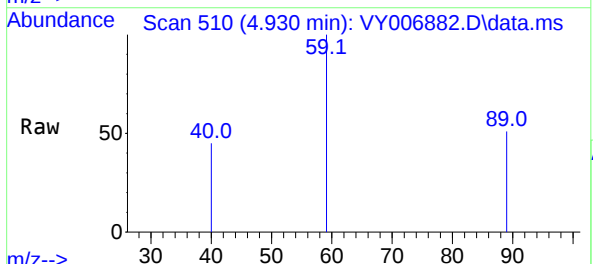
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW9-GW-838-840

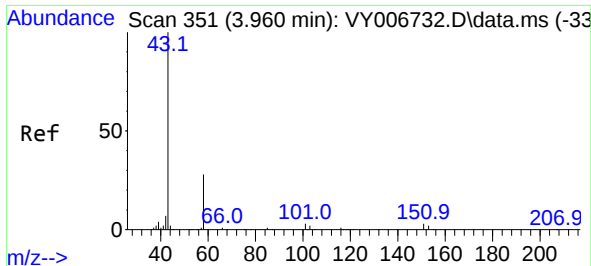
Tgt Ion:168 Resp: 93937
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 1.847 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

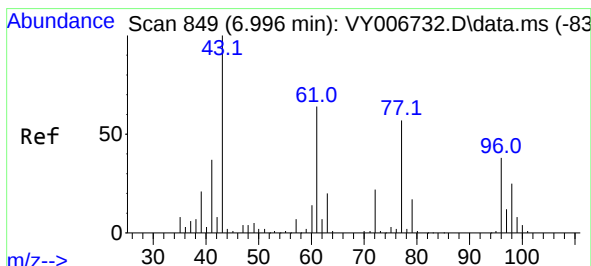
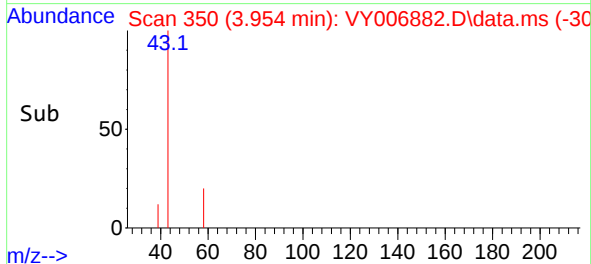
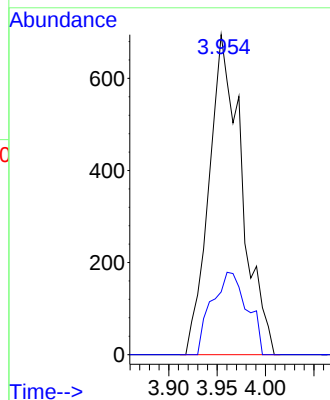
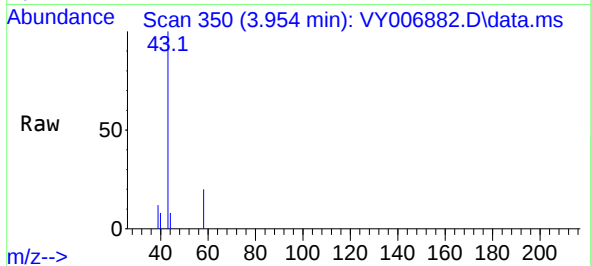




#16
Acetone
Concen: 4.379 ug/l
RT: 3.954 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

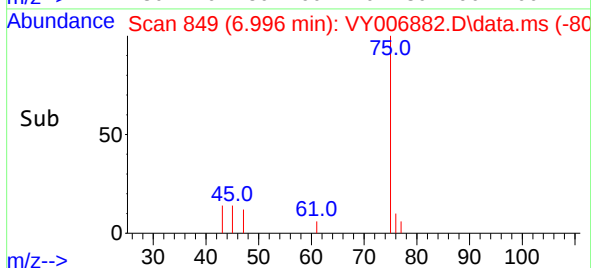
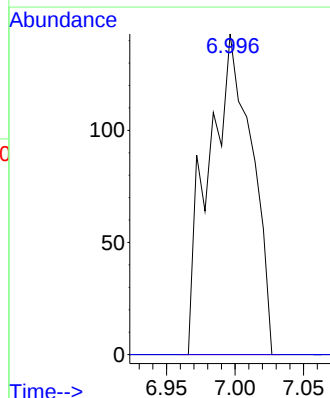
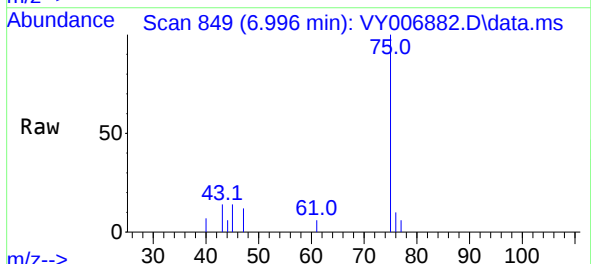
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MSVOA_Y
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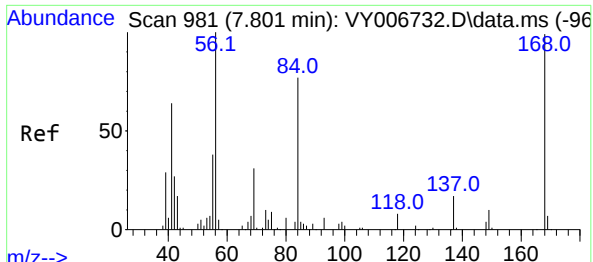
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 19.6 22.9 34.3#



#25
2-Butanone
Concen: 12.051 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

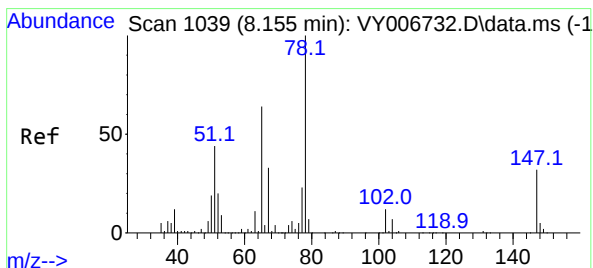
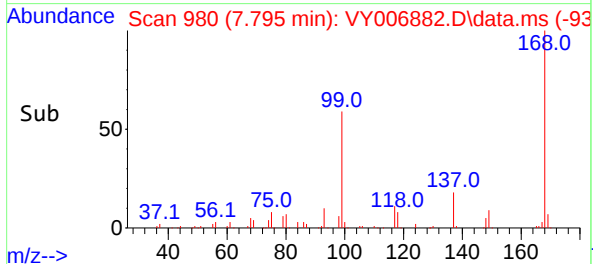
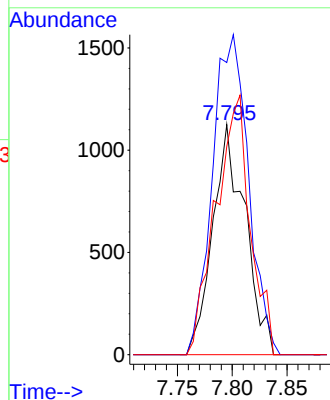
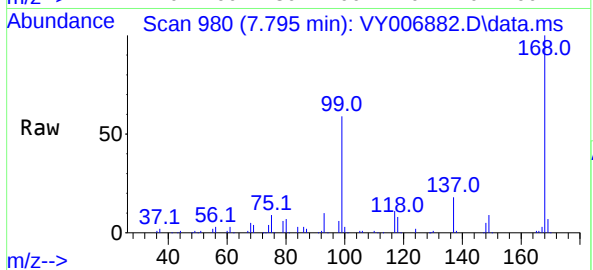




#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

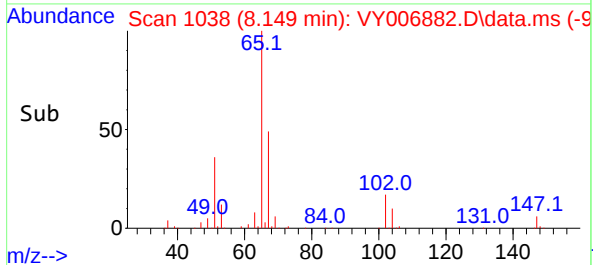
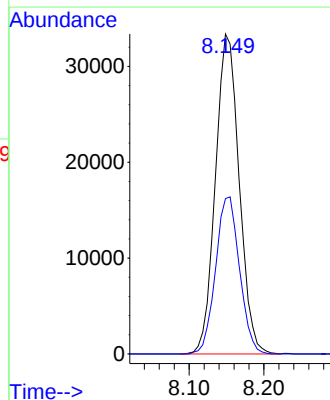
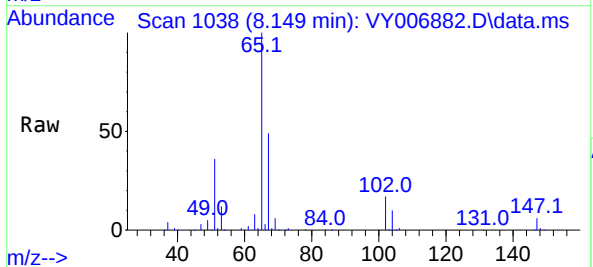
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW9-GW-838-840

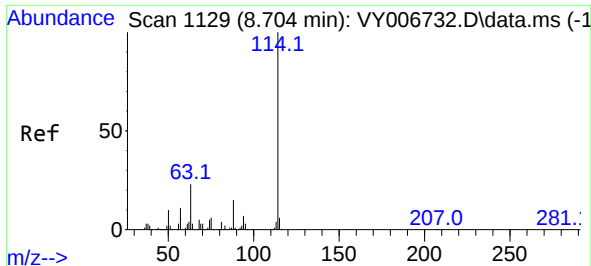
Tgt Ion: 56 Resp: 2310
Ion Ratio Lower Upper
56 100
69 127.0 26.6 40.0#
84 90.5 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 59.926 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Tgt Ion: 65 Resp: 73778
Ion Ratio Lower Upper
65 100
67 49.4 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: VY006882.D

Acq: 24 Nov 2021 17:15

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW9-GW-838-840

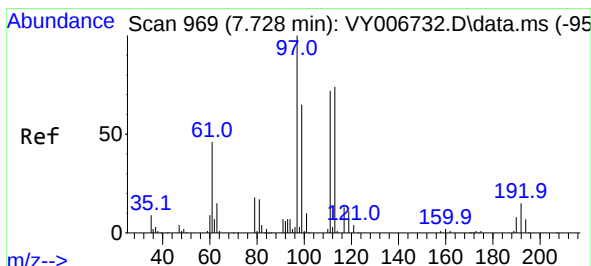
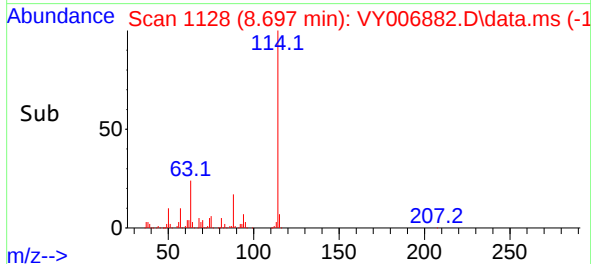
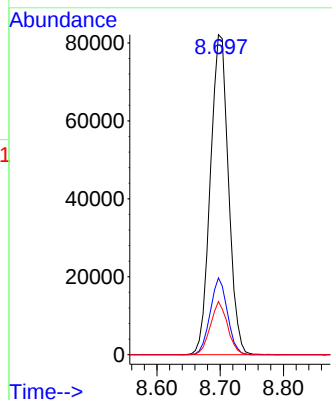
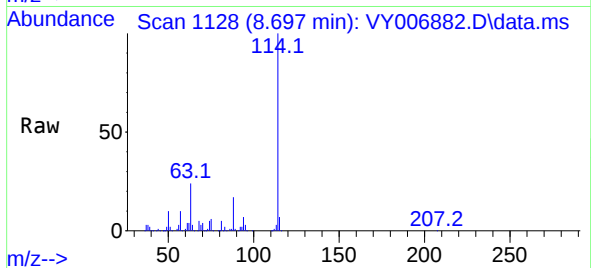
Tgt Ion:114 Resp: 162637

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.0

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.577 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006882.D

Acq: 24 Nov 2021 17:15

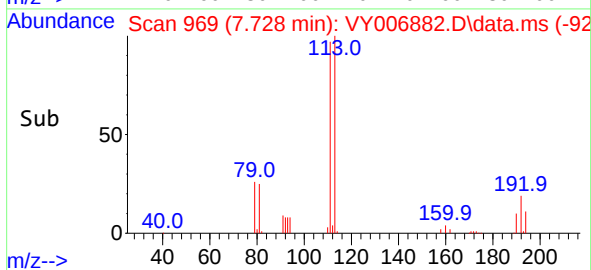
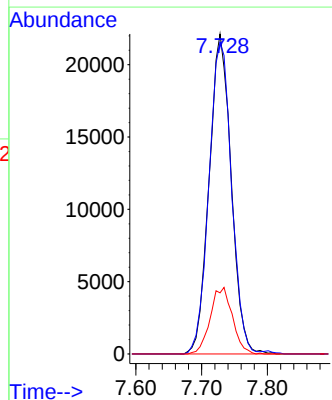
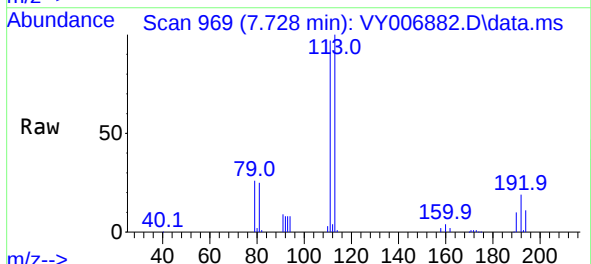
Tgt Ion:113 Resp: 51524

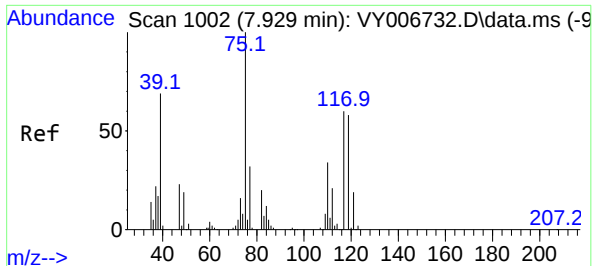
Ion Ratio Lower Upper

113 100

111 99.9 82.3 123.5

192 21.0 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.652 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY006882.D

Acq: 24 Nov 2021 17:15

Instrument :

MSVOA_Y

ClientSampleId :

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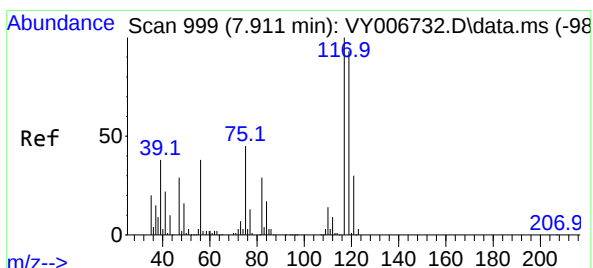
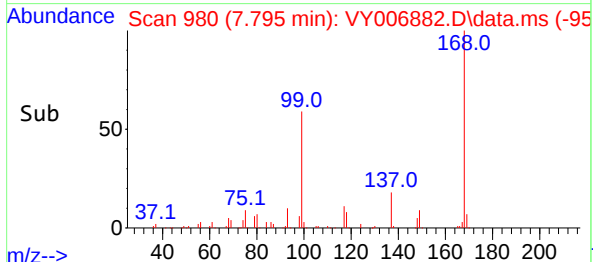
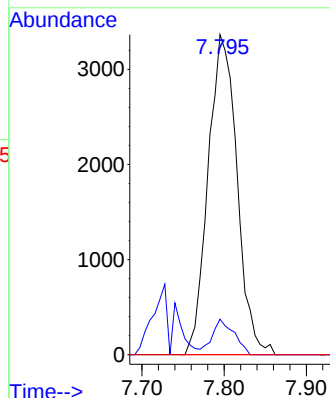
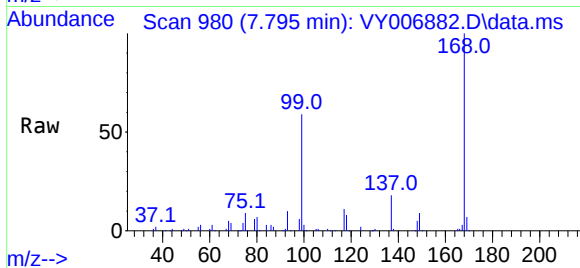
Tgt Ion: 75 Resp: 8223

Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.261 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY006882.D

Acq: 24 Nov 2021 17:15

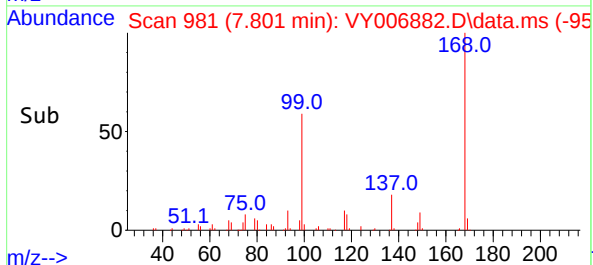
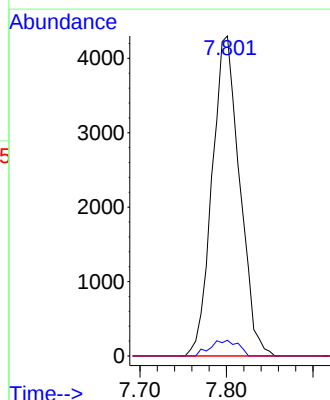
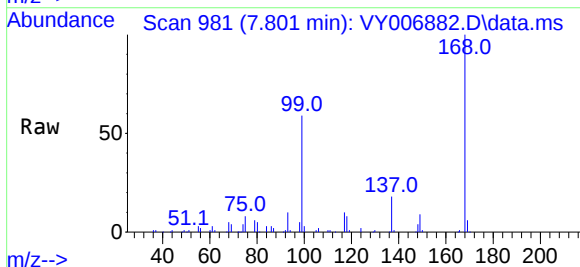
Tgt Ion: 117 Resp: 9513

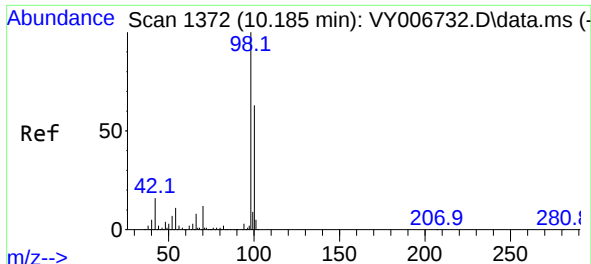
Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

121 0.0 24.7 37.1#

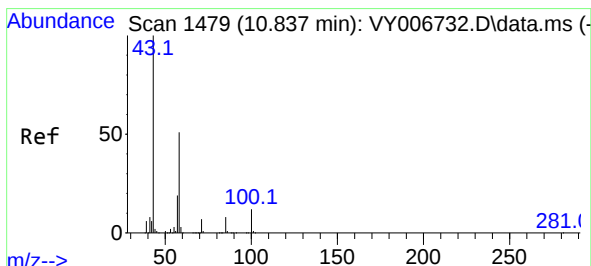
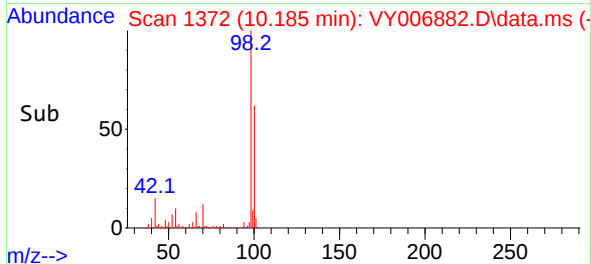
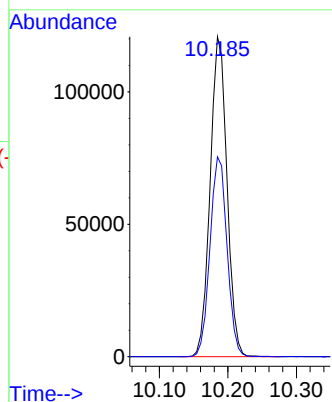
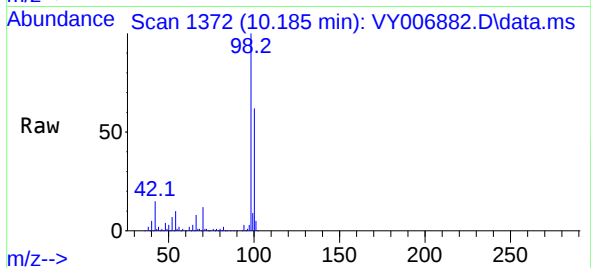




#50
Toluene-d8
Concen: 49.884 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

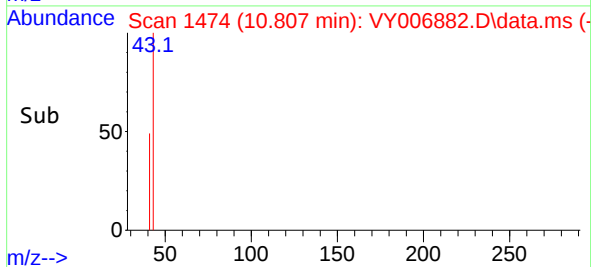
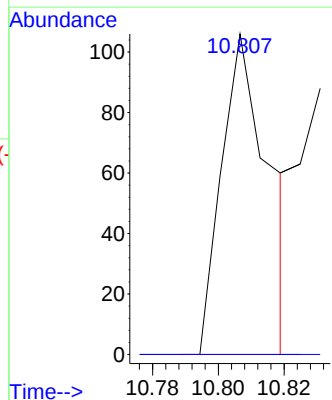
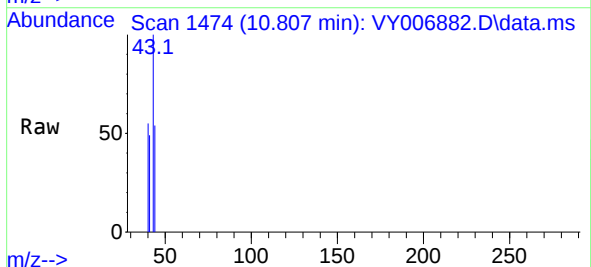
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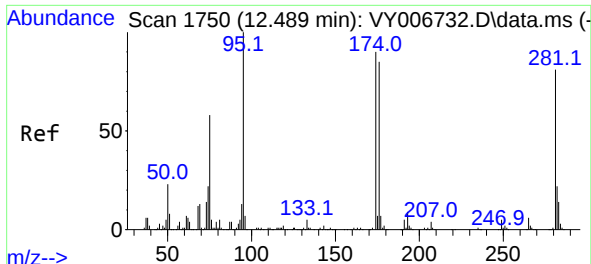
Tgt Ion: 98 Resp: 206218
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#59
2-Hexanone
Concen: 23.928 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Tgt Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

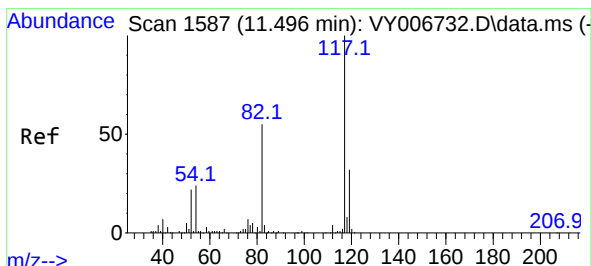
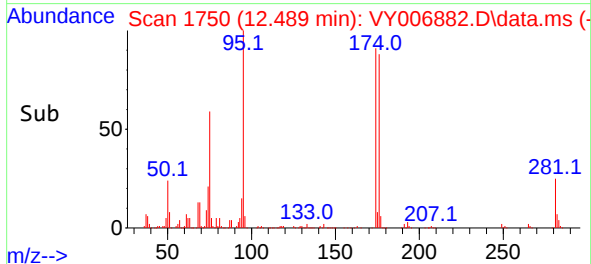
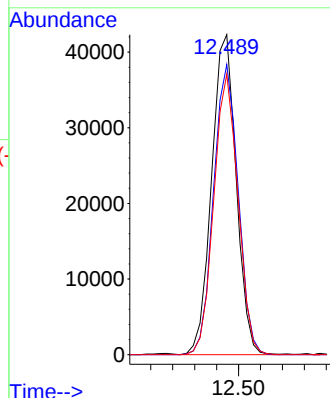
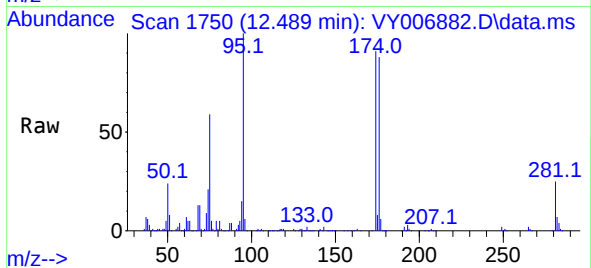




#62
4-Bromofluorobenzene
Concen: 47.263 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

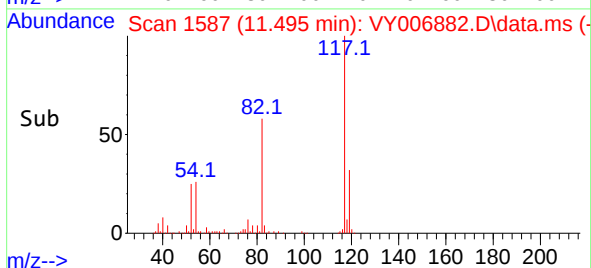
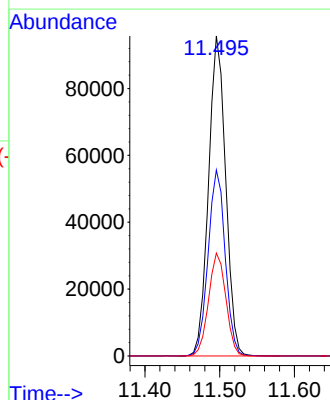
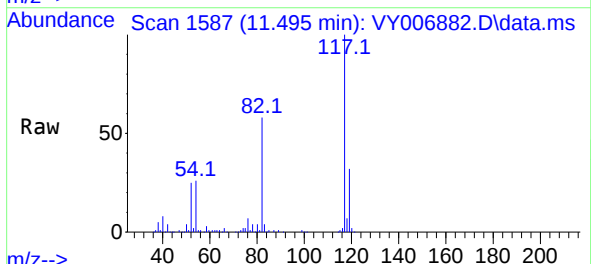
Instrument :
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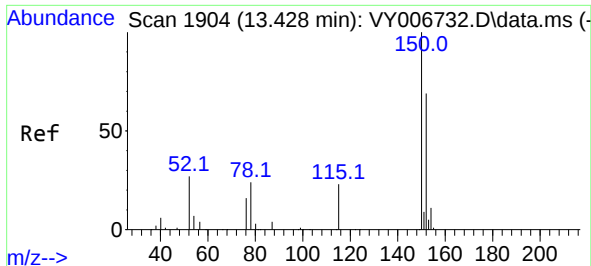
Tgt Ion:	95	Resp:	65867
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	177.0
176	86.2	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Tgt Ion:	117	Resp:	152470
Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.7	68.5
119	32.1	25.5	38.3

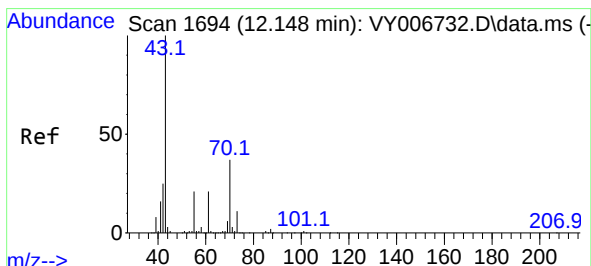
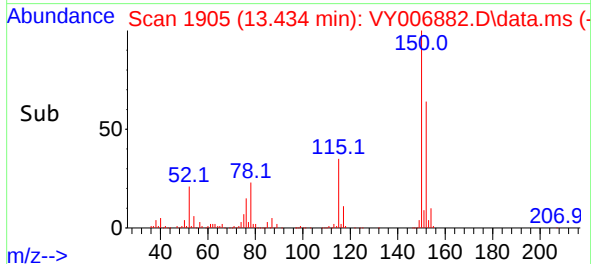
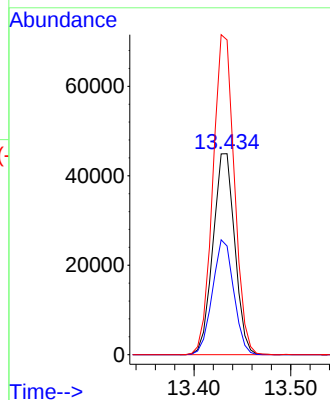
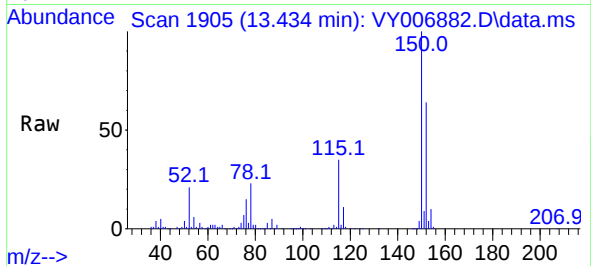




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

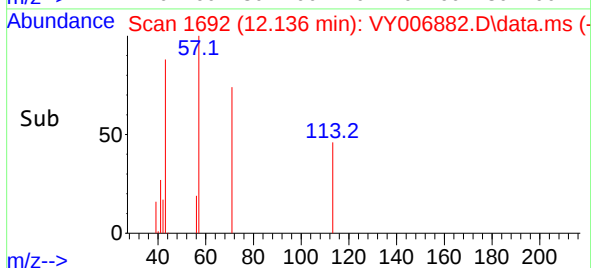
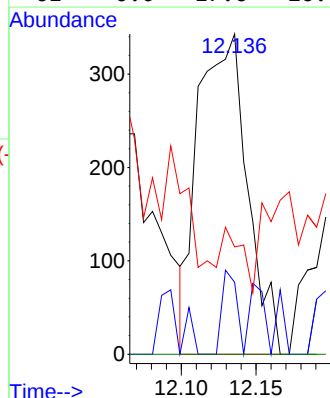
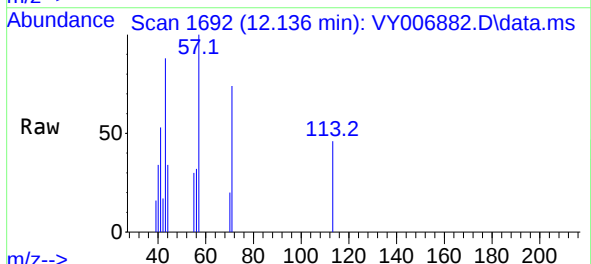
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW9-GW-838-840

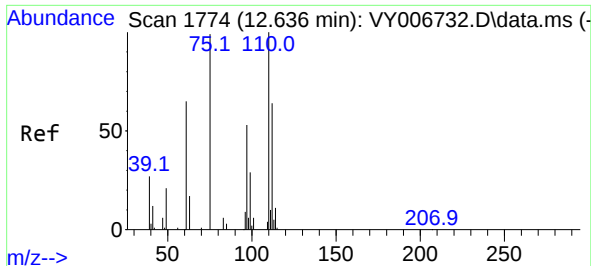
Tgt Ion:152 Resp: 70350
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 156.8 0.0 348.2



#74
N-ethyl acetate
Concen: 3.534 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
70 7.8 29.4 44.0#
55 7.9 18.1 27.1#
61 0.0 17.6 26.4#

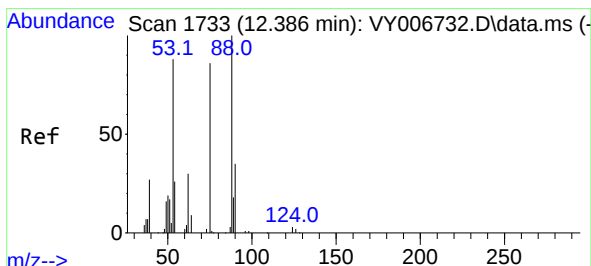
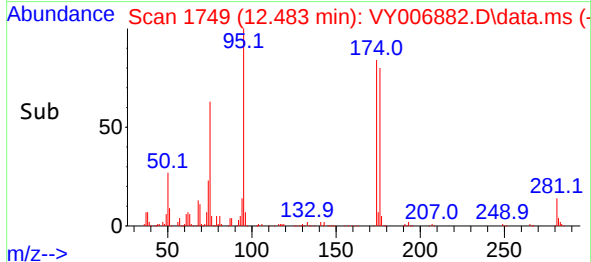
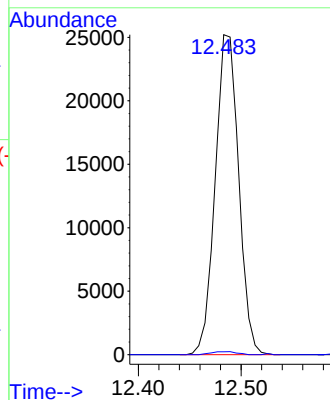
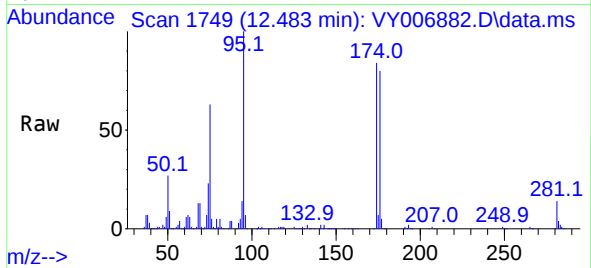




#76
1,2,3-Trichloropropane
Concen: 52.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW9-GW-838-840

Tgt Ion: 75 Resp: 39903
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.374 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006882.D
Acq: 24 Nov 2021 17:15

Tgt Ion: 75 Resp: 39903
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.1 39.3 58.9#

