

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006832.D
 Acq On : 19 Nov 2021 15:57
 Operator : SY/MD
 Sample : M4758-15
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP8

Quant Time: Nov 22 03:20:06 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)

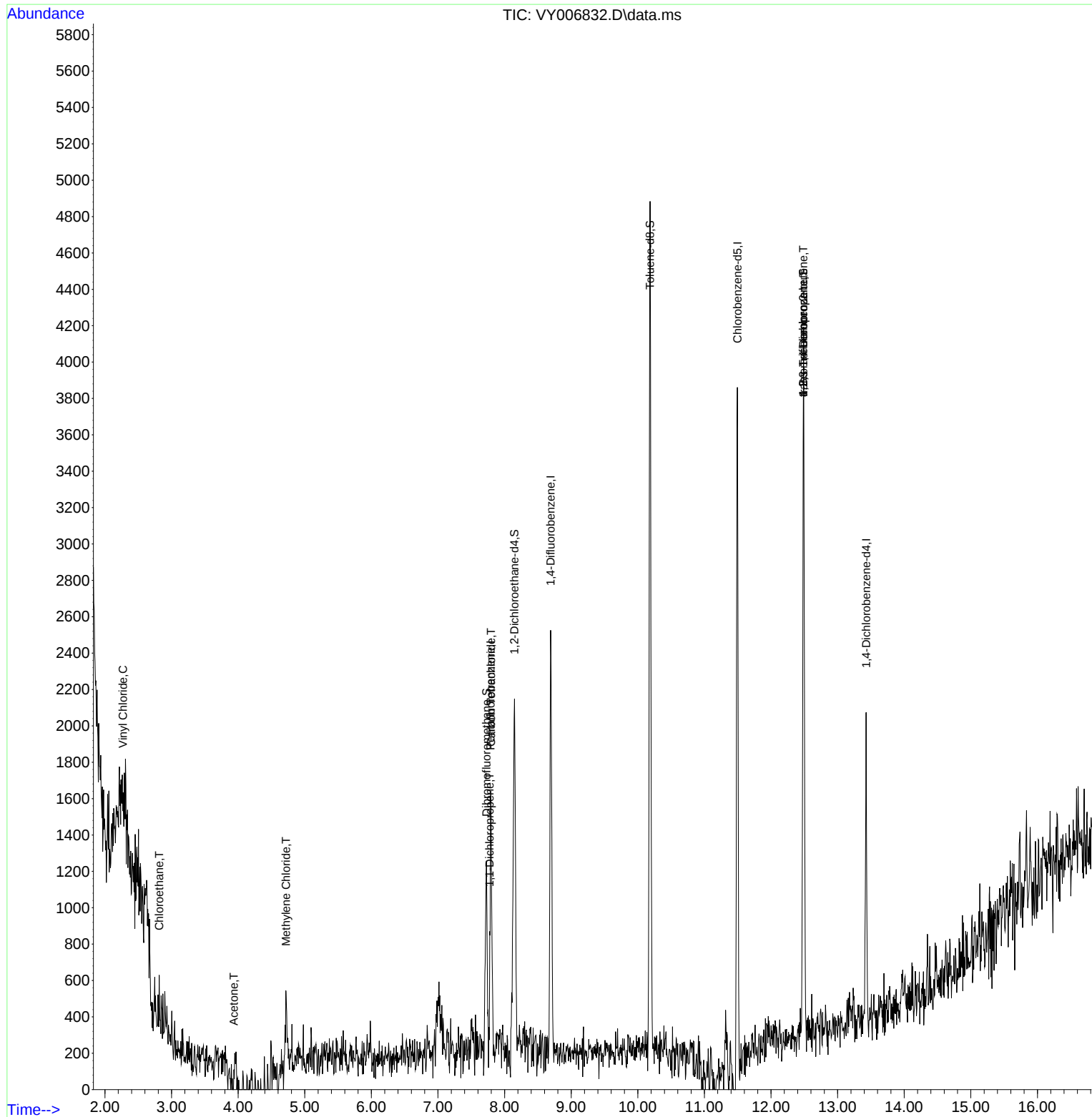
Internal Standards						
1) Pentafluorobenzene	7.789	168	1327	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	2321	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	2438	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1629	93.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.320%#	
35) Dibromofluoromethane	7.728	113	715	50.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.300%	
50) Toluene-d8	10.185	98	3425	58.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.120%	
62) 4-Bromofluorobenzene	12.483	95	625	31.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 62.840%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.272	62	52	2.672	ug/l #	44
6) Chloroethane	2.814	64	305	25.613	ug/l #	45
16) Acetone	3.936	43	213	40.309	ug/l #	46
20) Methylene Chloride	4.716	84	86	2.176	ug/l #	42
36) 1,1-Dichloropropene	7.777	75	98	3.885	ug/l #	42
38) Carbon Tetrachloride	7.795	117	35	1.356	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	465	79.497	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	465	157.522	ug/l #	7

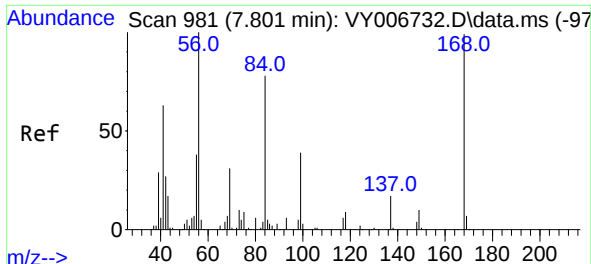
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 03:20:06 2021
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Quant Title : SW846 8260
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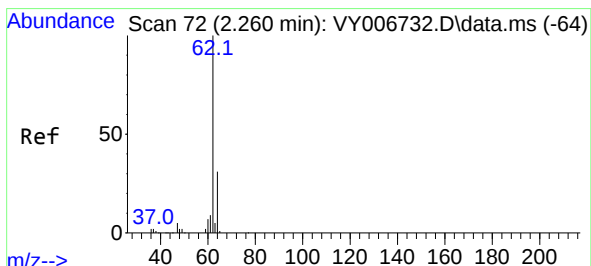
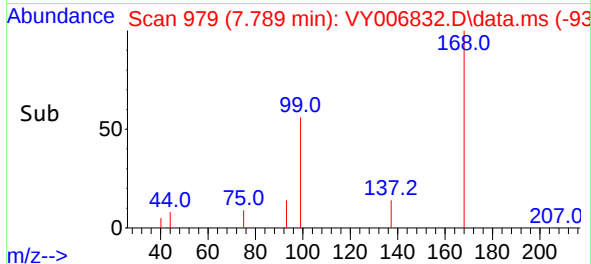
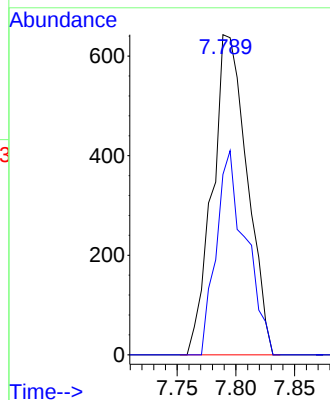
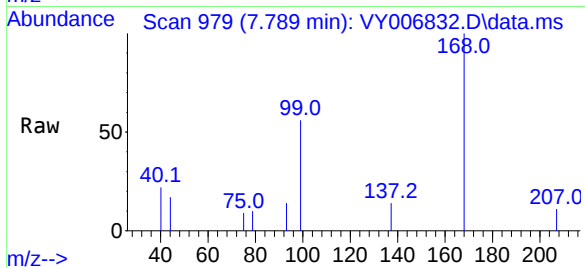




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

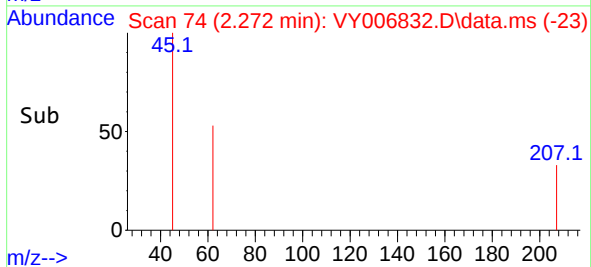
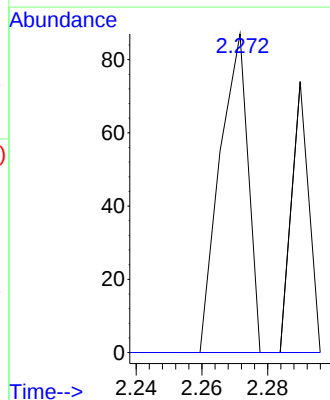
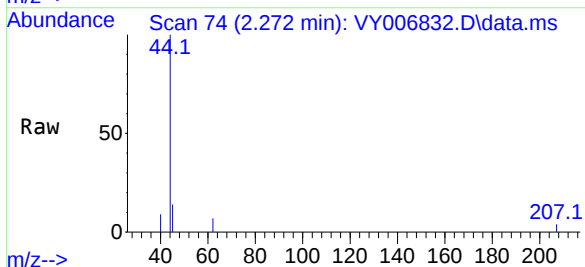
Instrument :
MSVOA_Y
ClientSampleId :
TP8

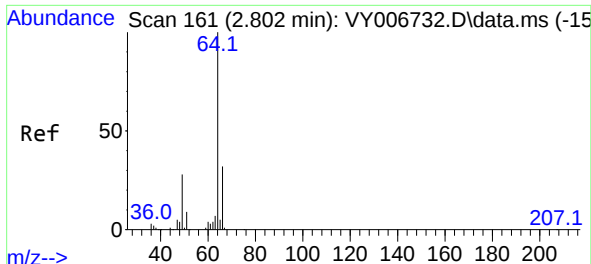
Tgt Ion:168 Resp: 1327
Ion Ratio Lower Upper
168 100
99 56.3 44.8 67.2



#4
Vinyl Chloride
Concen: 2.672 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Tgt Ion: 62 Resp: 52
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#

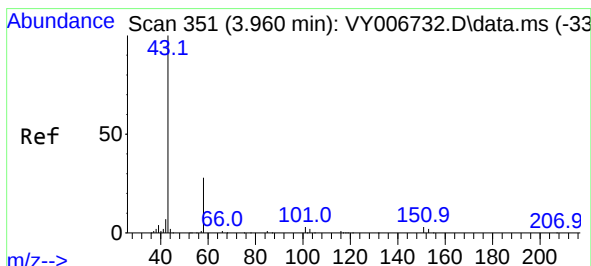
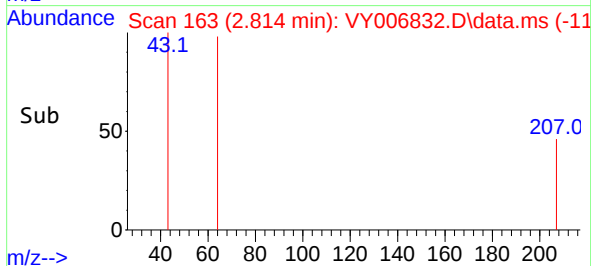
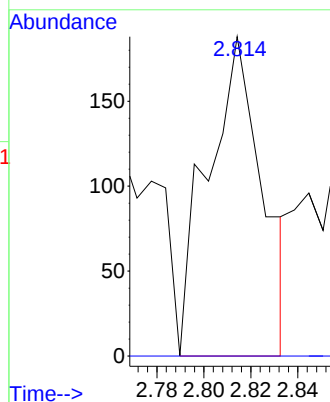
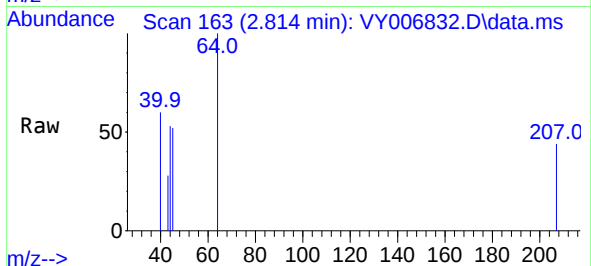




#6
Chloroethane
Concen: 25.613 ug/l
RT: 2.814 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

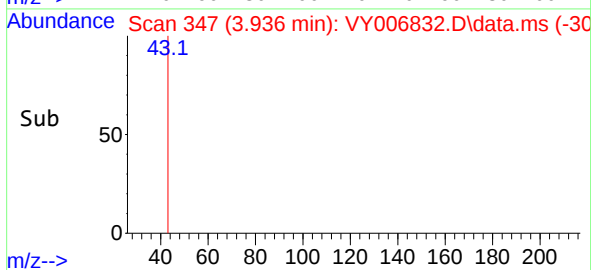
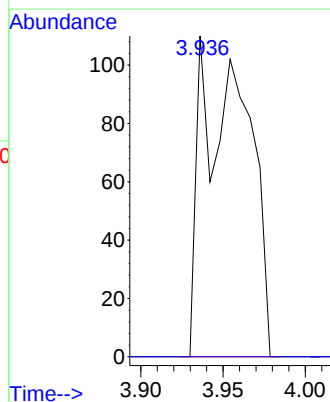
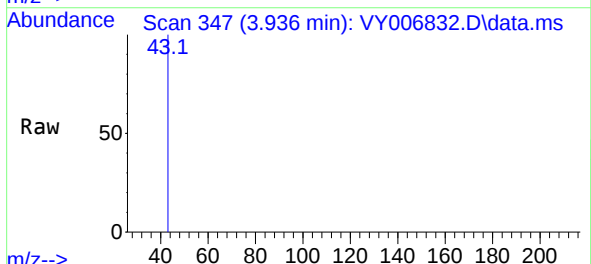
Instrument :
MSVOA_Y
ClientSampleId :
TP8

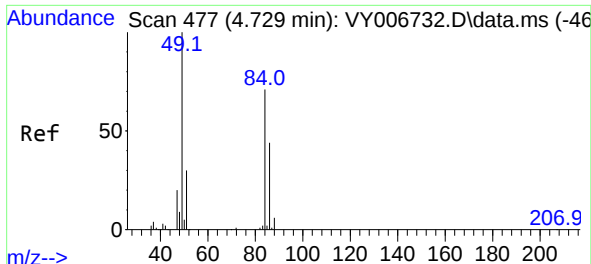
Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#16
Acetone
Concen: 40.309 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.025 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



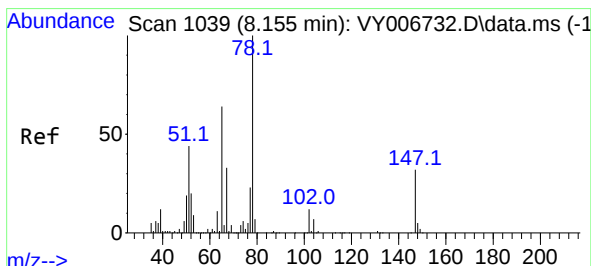
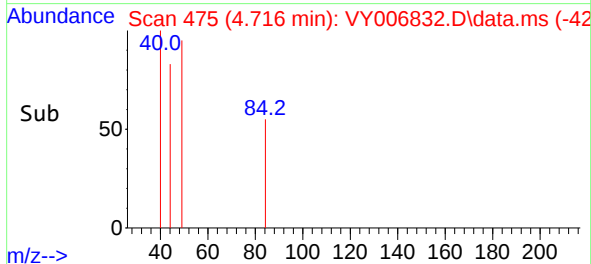
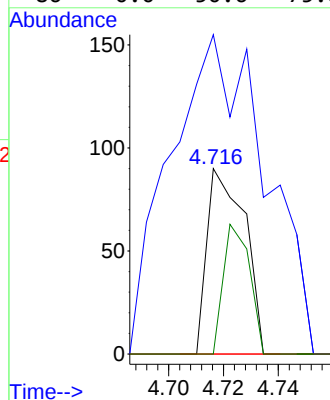
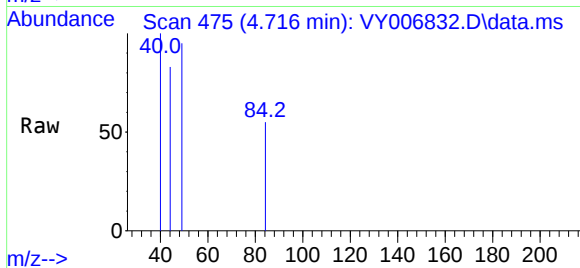


#20
Methylene Chloride
Concen: 2.176 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Instrument :
MSVOA_Y
ClientSampleId :
TP8

Tgt Ion: 84 Resp: 86

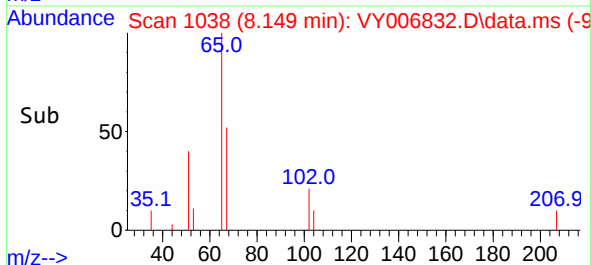
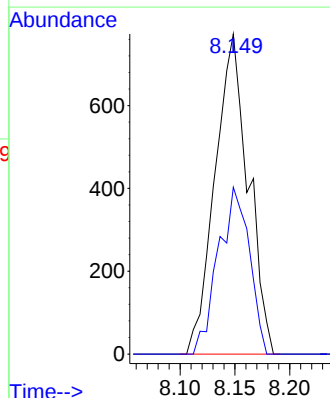
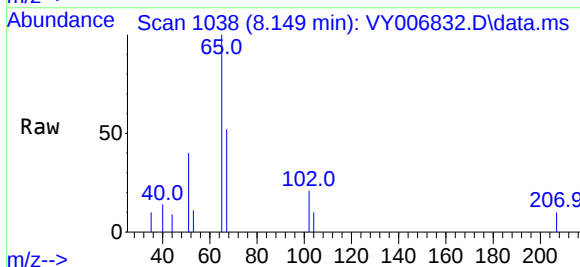
Ion	Ratio	Lower	Upper
84	100		
49	81.1	107.8	161.8#
51	0.0	32.8	49.2#
86	0.0	50.6	75.8#

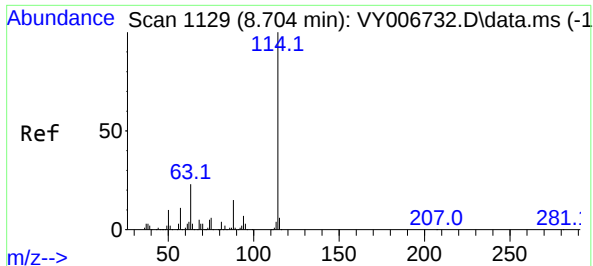


#33
1,2-Dichloroethane-d4
Concen: 93.664 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Tgt Ion: 65 Resp: 1629

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY006832.D

Acq: 19 Nov 2021 15:57

Instrument :

MSVOA_Y

ClientSampleId :

TP8

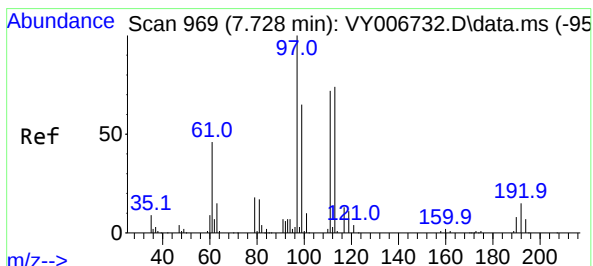
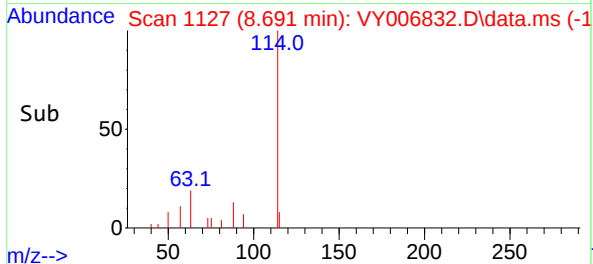
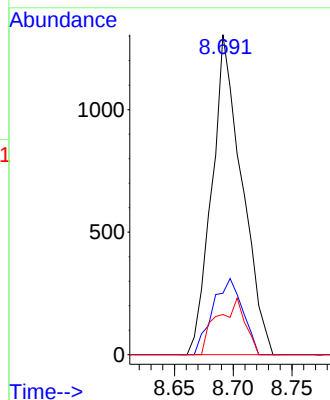
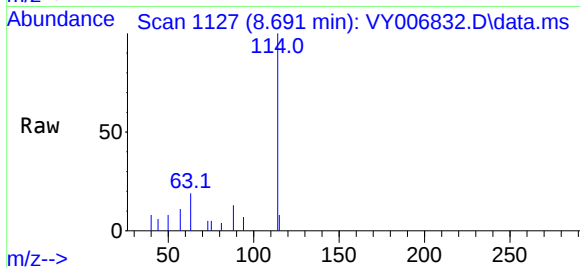
Tgt Ion:114 Resp: 2321

Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 12.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.153 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006832.D

Acq: 19 Nov 2021 15:57

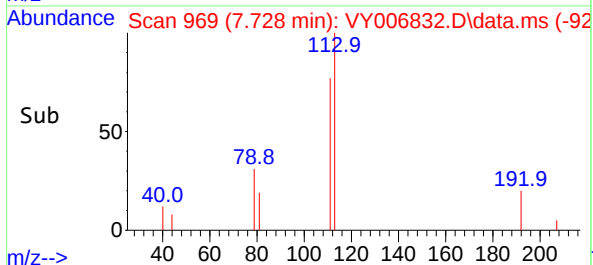
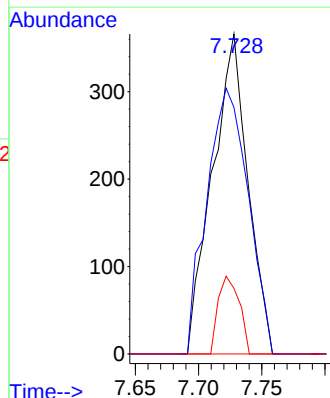
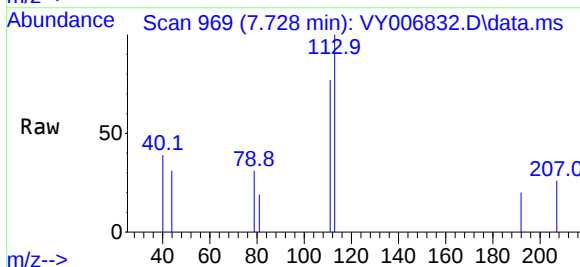
Tgt Ion:113 Resp: 715

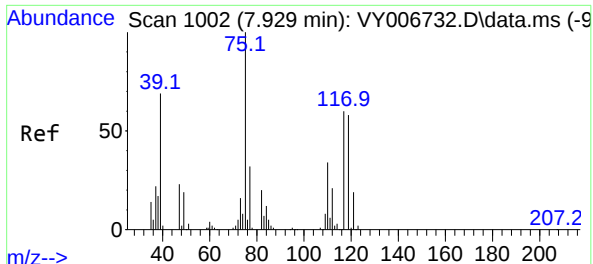
Ion Ratio Lower Upper

113 100

111 96.8 82.3 123.5

192 14.4 17.4 26.2#





#36

1,1-Dichloropropene

Concen: 3.885 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.153 min

Lab File: VY006832.D

Acq: 19 Nov 2021 15:57

Instrument :

MSVOA_Y

ClientSampleId :

TP8

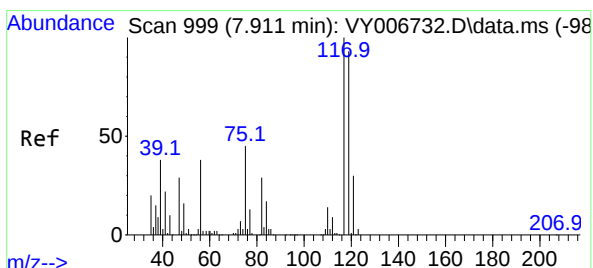
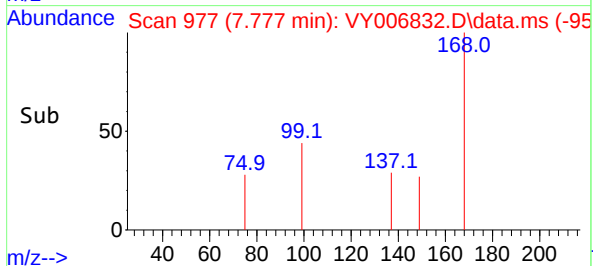
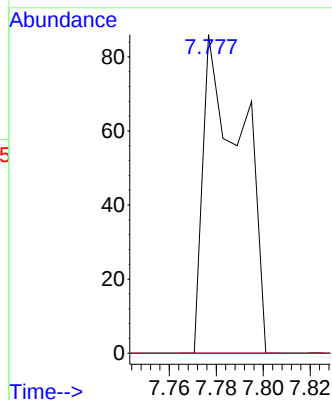
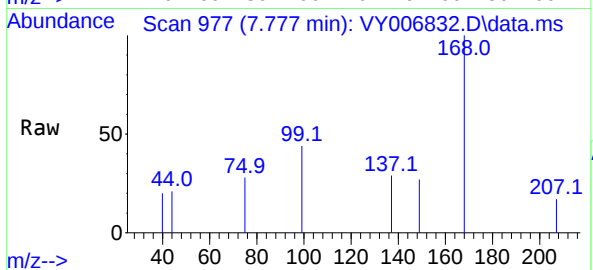
Tgt Ion: 75 Resp: 98

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 1.356 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY006832.D

Acq: 19 Nov 2021 15:57

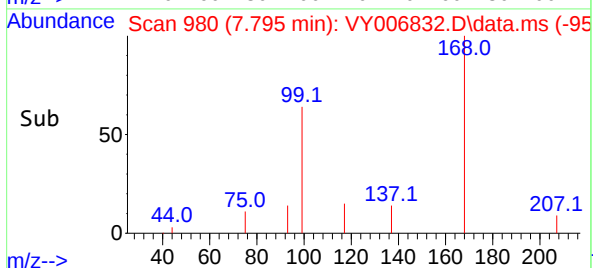
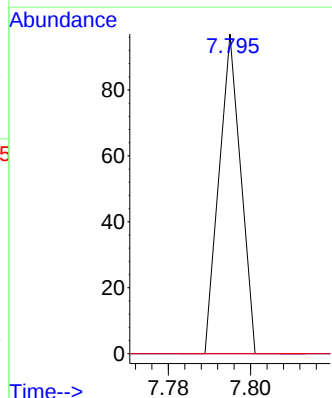
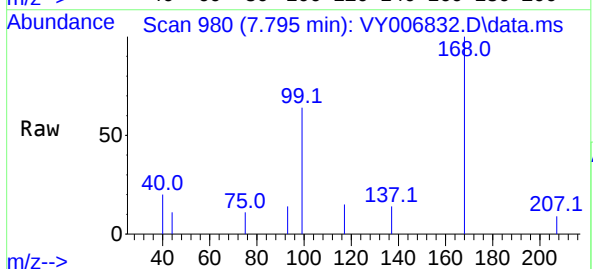
Tgt Ion: 117 Resp: 35

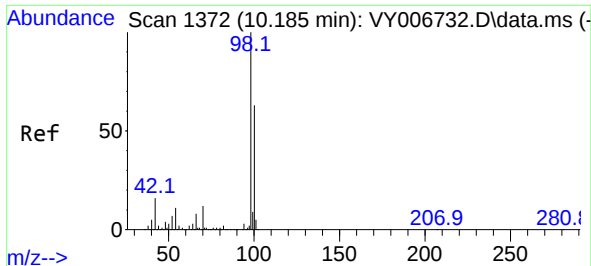
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

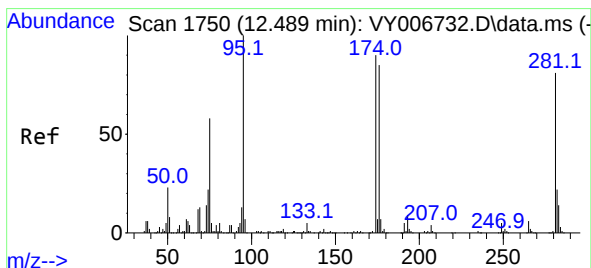
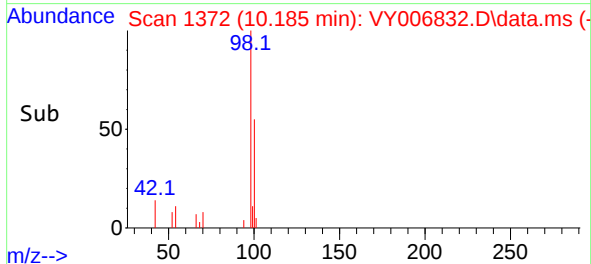
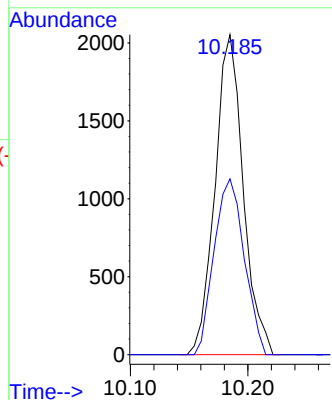
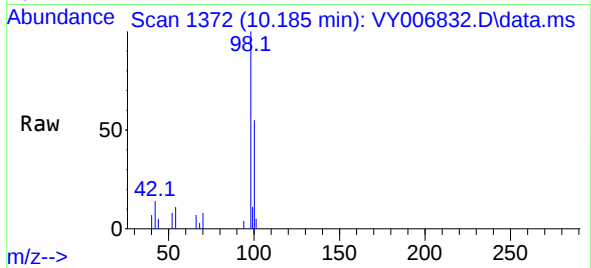




#50
Toluene-d8
Concen: 58.056 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

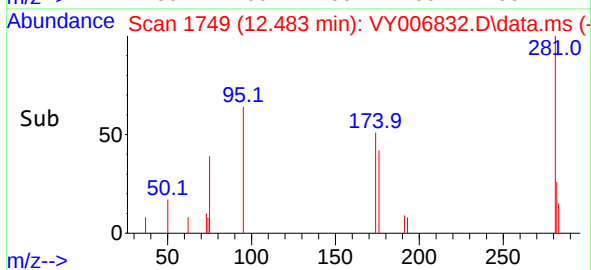
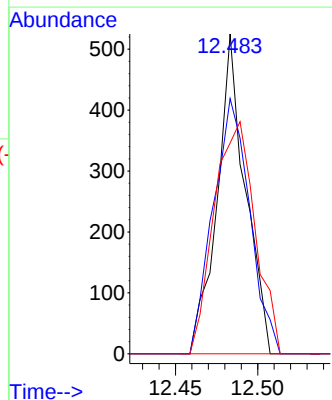
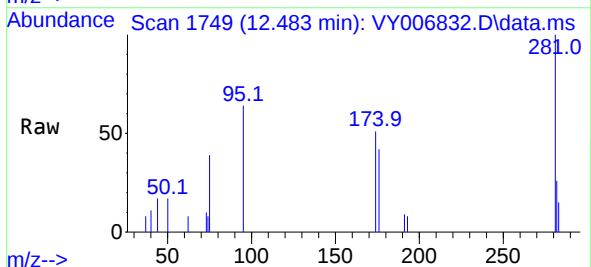
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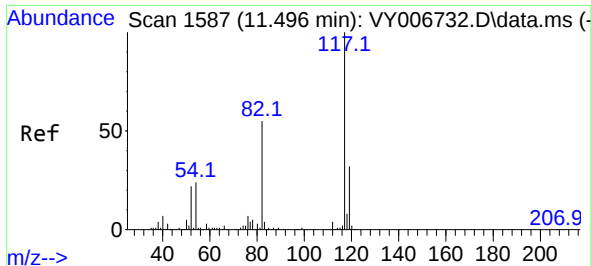
Tgt Ion: 98 Resp: 3425
Ion Ratio Lower Upper
98 100
100 58.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Tgt Ion: 95 Resp: 625
Ion Ratio Lower Upper
95 100
174 103.2 0.0 177.0
176 105.4 0.0 169.4

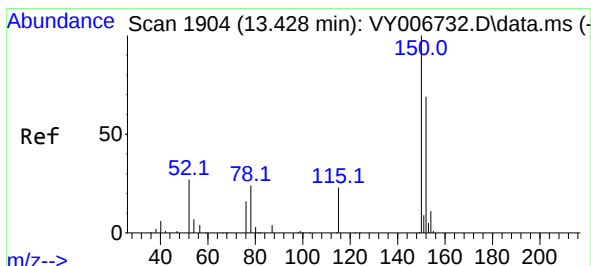
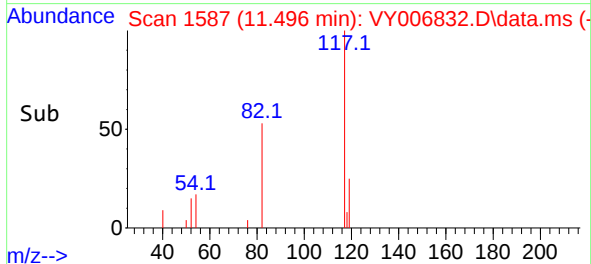
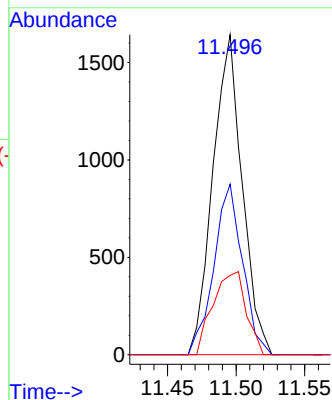
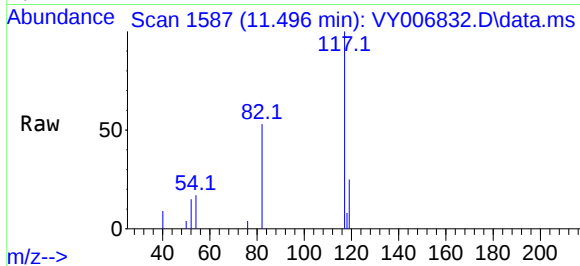




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

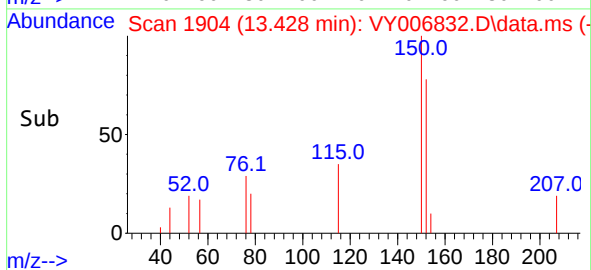
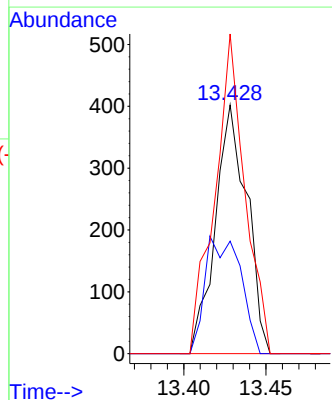
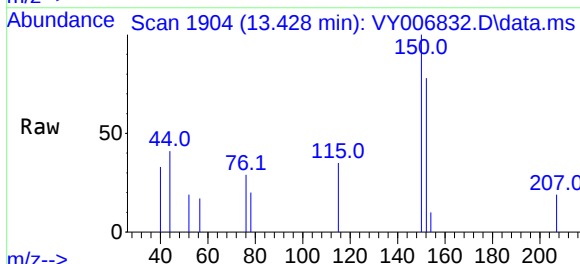
Instrument :
MSVOA_Y
ClientSampleId :
TP8

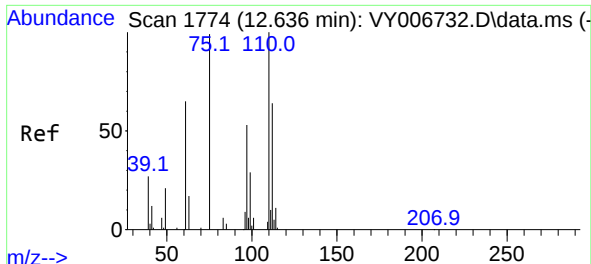
Tgt Ion:117 Resp: 2438
Ion Ratio Lower Upper
117 100
82 53.3 45.7 68.5
119 24.8 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Tgt Ion:152 Resp: 538
Ion Ratio Lower Upper
152 100
115 52.8 28.5 85.5
150 122.7 0.0 348.2

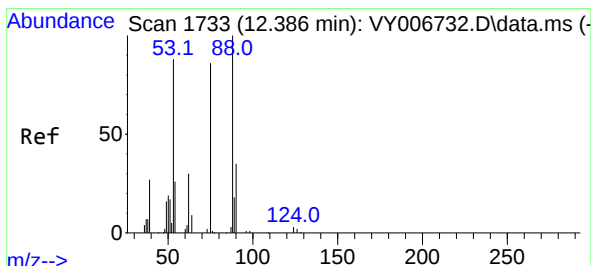
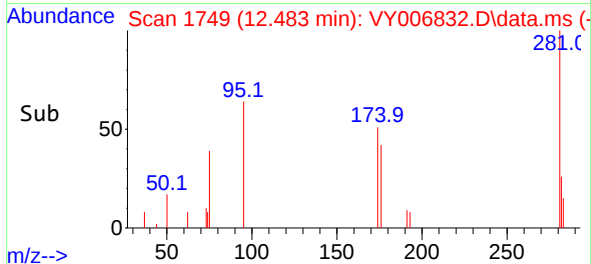
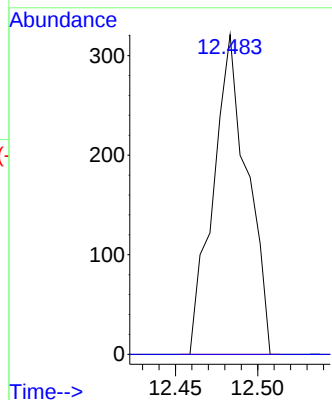
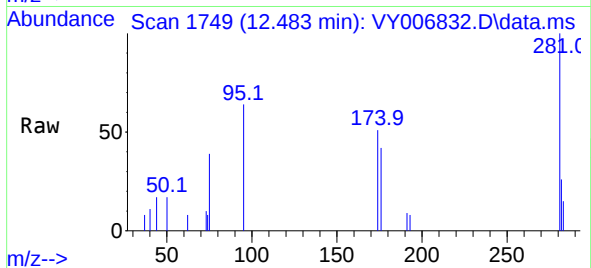




#76
1,2,3-Trichloropropane
Concen: 79.497 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Instrument :
MSVOA_Y
ClientSampleId :
TP8

Tgt Ion: 75 Resp: 465
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 157.522 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006832.D
Acq: 19 Nov 2021 15:57

Tgt Ion: 75 Resp: 465
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

