

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006830.D
 Acq On : 19 Nov 2021 15:09
 Operator : SY/MD
 Sample : M4758-11
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP6

Quant Time: Nov 22 03:19:52 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)

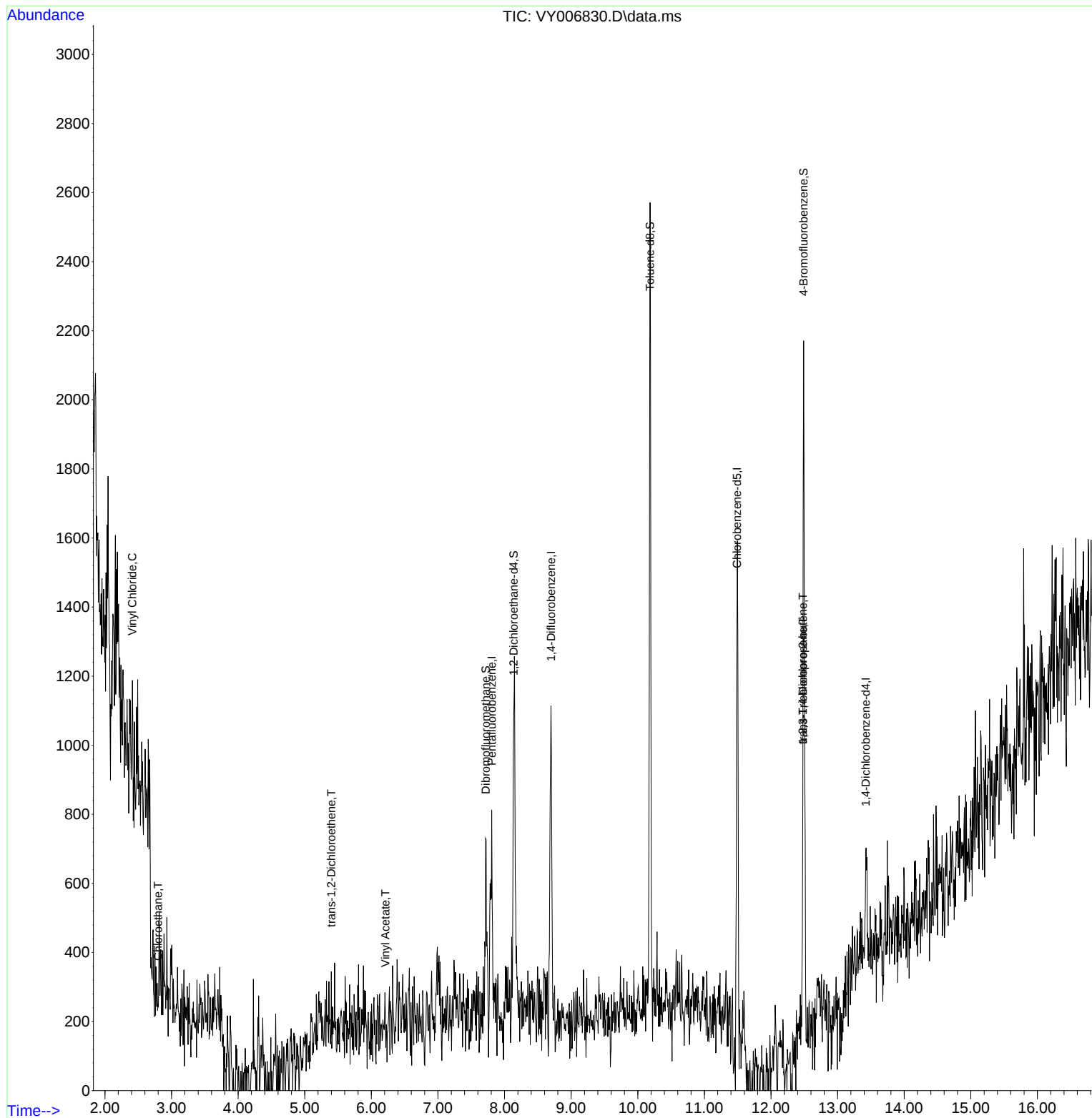
Internal Standards						
1) Pentafluorobenzene	7.807	168	543	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1040	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	803	112.834	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	225.660%#
35) Dibromofluoromethane	7.716	113	335	46.694	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.185	98	1294	43.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.180%
62) 4-Bromofluorobenzene	12.489	95	223	22.281	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.560%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.412	62	27	3.390	ug/l #	83
6) Chloroethane	2.796	64	42	8.620	ug/l #	45
21) trans-1,2-Dichloroethene	5.399	96	19	3.163	ug/l #	1
23) Vinyl Acetate	6.210	43	21	1.488	ug/l #	75
76) 1,2,3-Trichloropropane	12.477	75	95	57.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	95	113.162	ug/l #	7

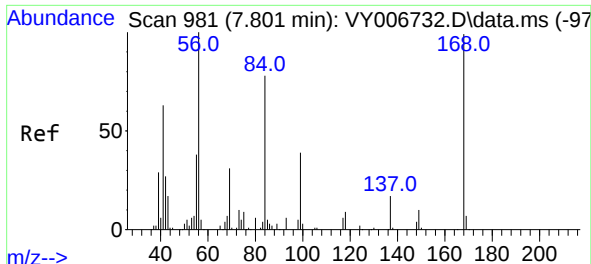
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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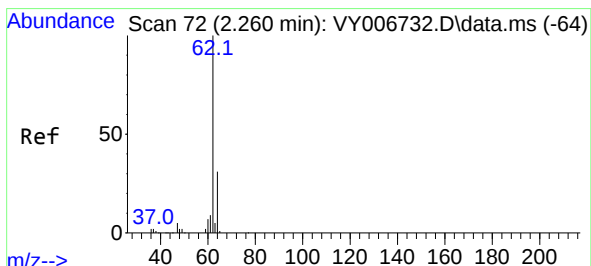
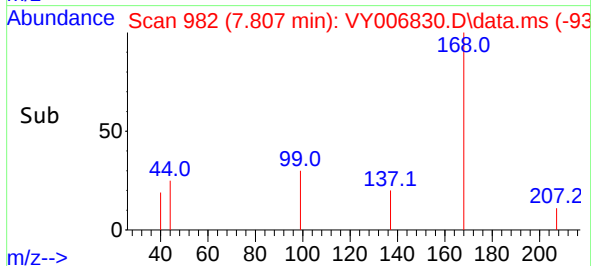
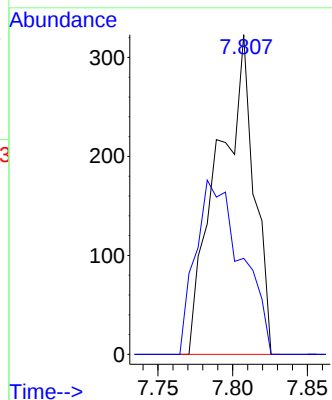
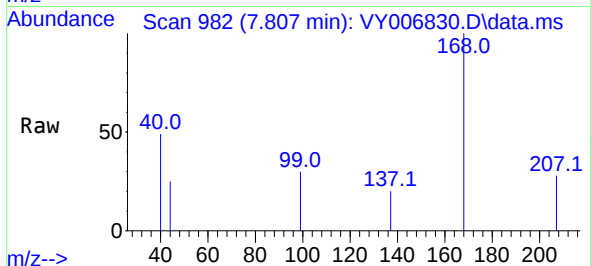




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

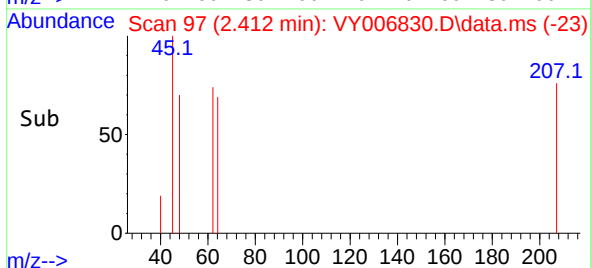
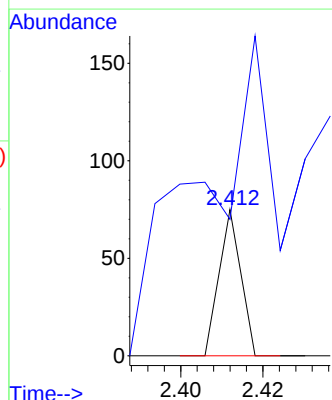
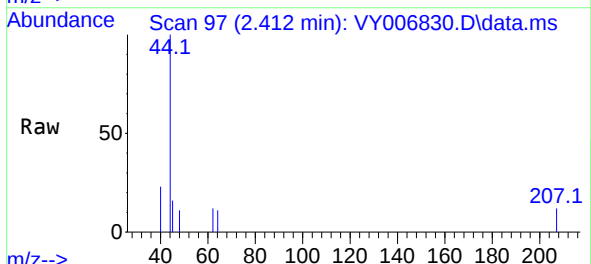
Instrument :
MSVOA_Y
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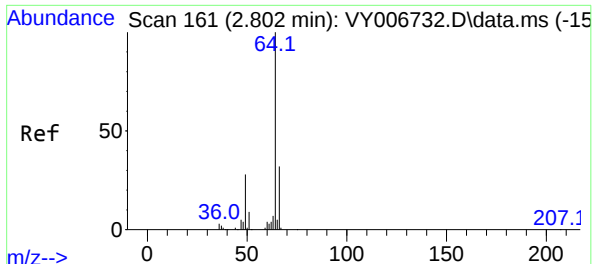
Tgt Ion:168 Resp: 543
Ion Ratio Lower Upper
168 100
99 30.0 44.8 67.2#



#4
Vinyl Chloride
Concen: 3.390 ug/l
RT: 2.412 min Scan# 97
Delta R.T. 0.152 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

Tgt Ion: 62 Resp: 27
Ion Ratio Lower Upper
62 100
64 21.3 24.7 37.1#

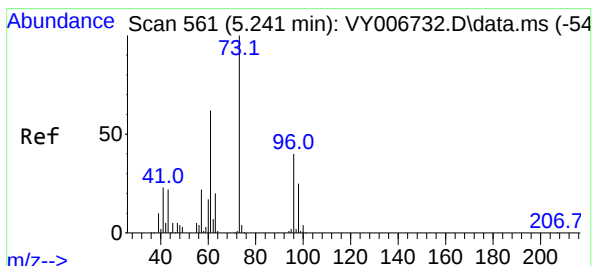
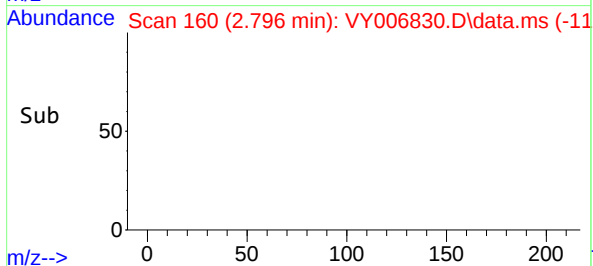
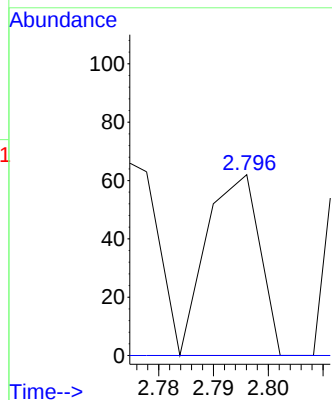
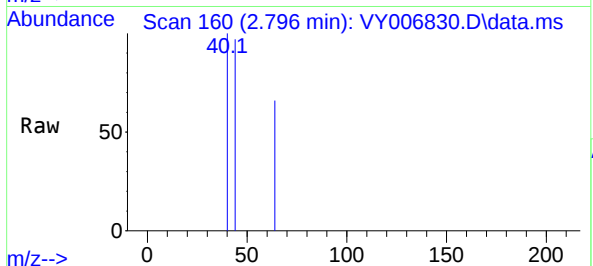




#6
Chloroethane
Concen: 8.620 ug/l
RT: 2.796 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

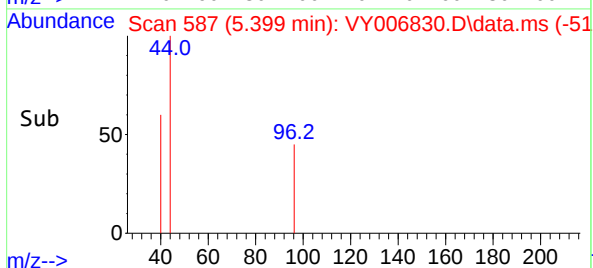
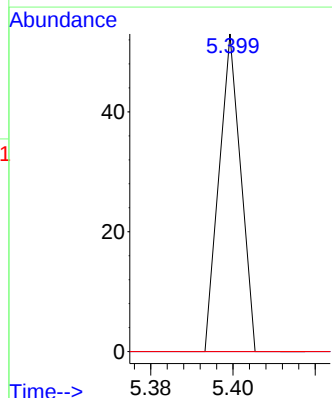
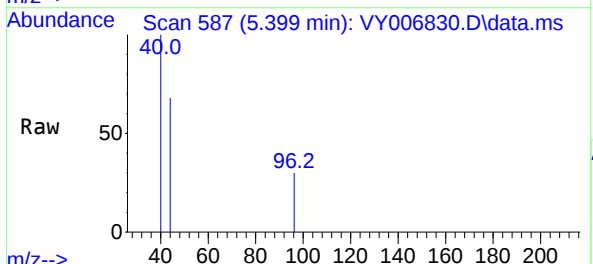
Instrument :
MSVOA_Y
ClientSampleId :
TP6

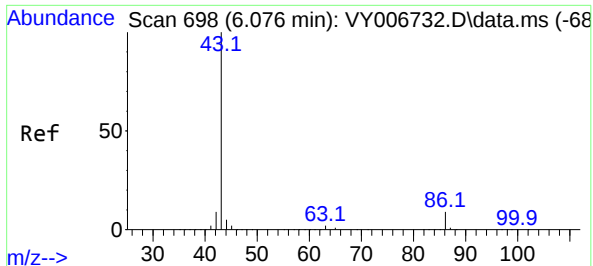
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



#21
trans-1,2-Dichloroethene
Concen: 3.163 ug/l
RT: 5.399 min Scan# 587
Delta R.T. 0.159 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 120.6 181.0#
98 0.0 51.3 76.9#

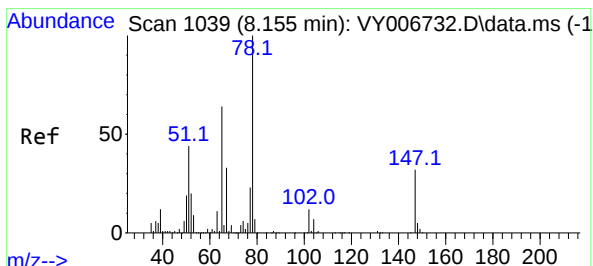
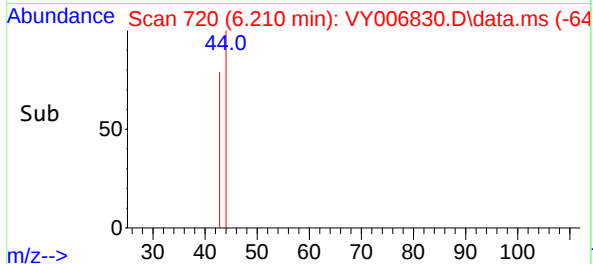
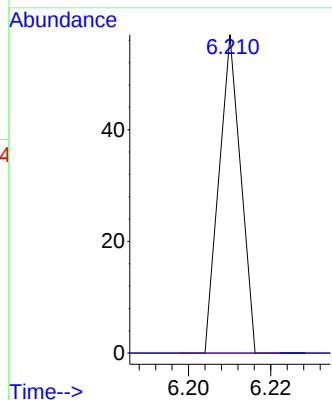
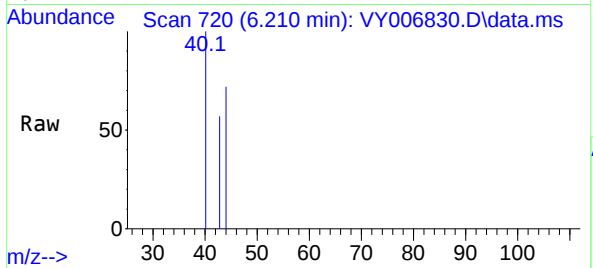




#23
 Vinyl Acetate
 Concen: 1.488 ug/l
 RT: 6.210 min Scan# 71
 Delta R.T. 0.134 min
 Lab File: VY006830.D
 Acq: 19 Nov 2021 15:09

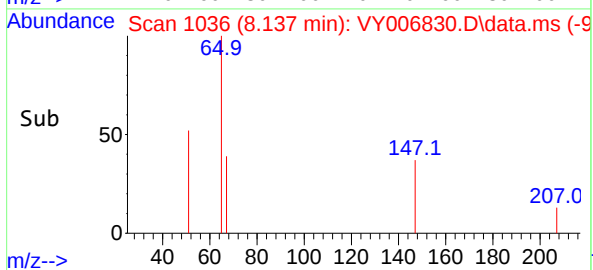
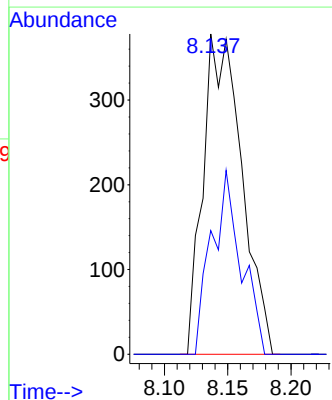
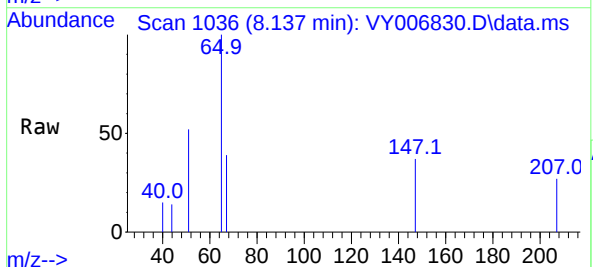
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP6

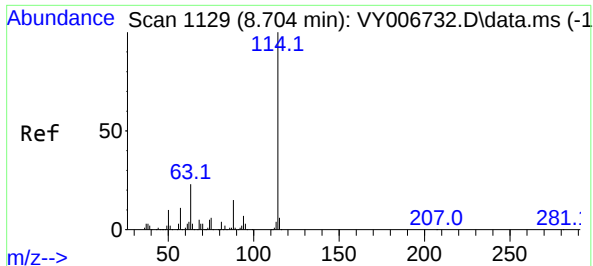
Tgt Ion: 43 Resp: 21
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.3 10.9#



#33
 1,2-Dichloroethane-d4
 Concen: 112.834 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.018 min
 Lab File: VY006830.D
 Acq: 19 Nov 2021 15:09

Tgt Ion: 65 Resp: 803
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY006830.D

Acq: 19 Nov 2021 15:09

Instrument :

MSVOA_Y

ClientSampleId :

TP6

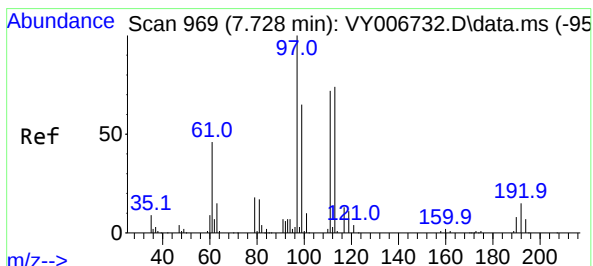
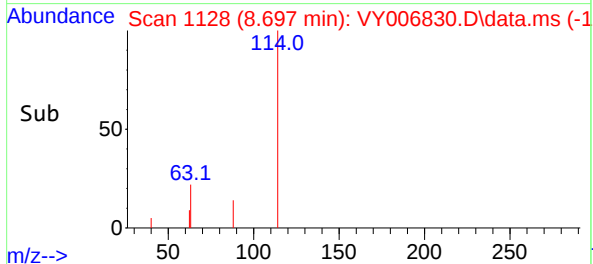
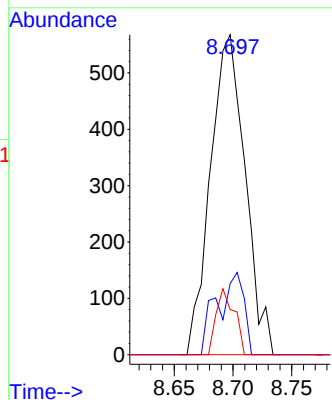
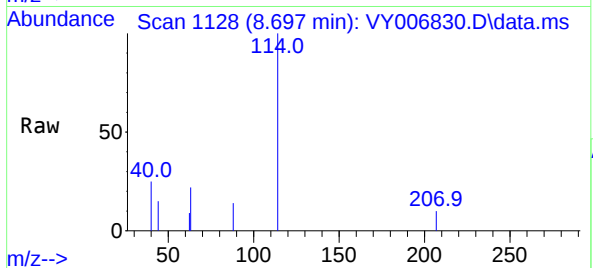
Tgt Ion:114 Resp: 1168

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.694 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY006830.D

Acq: 19 Nov 2021 15:09

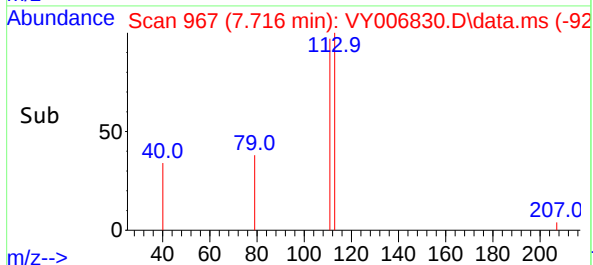
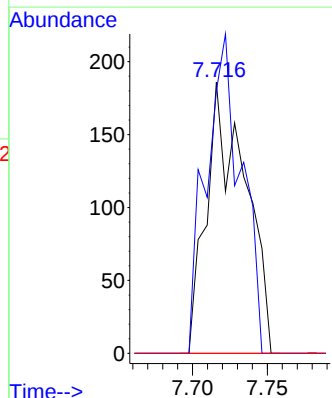
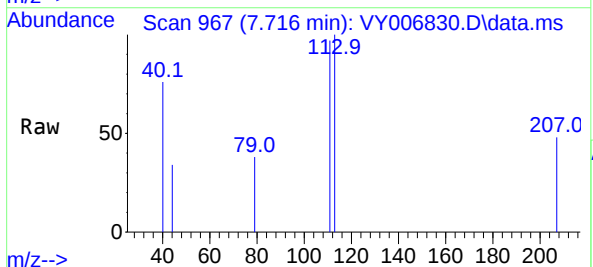
Tgt Ion:113 Resp: 335

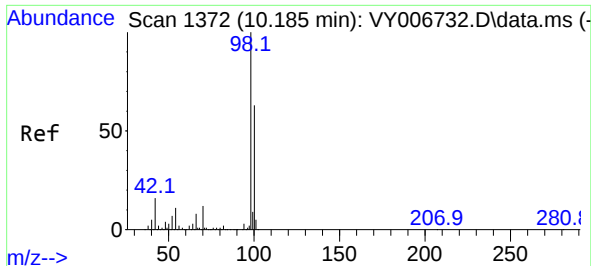
Ion Ratio Lower Upper

113 100

111 106.9 82.3 123.5

192 0.0 17.4 26.2#

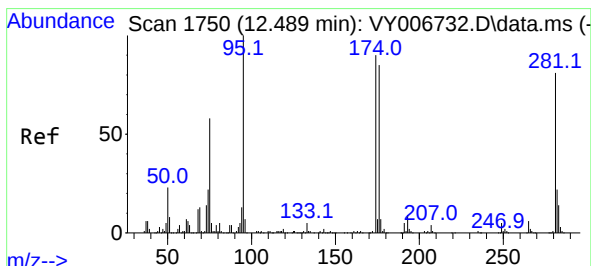
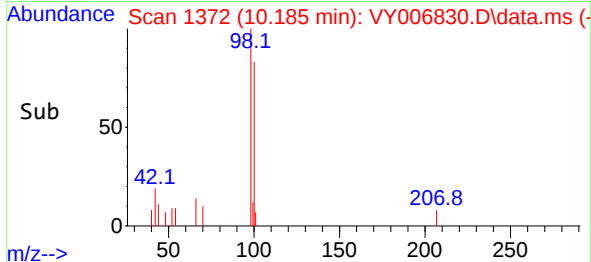
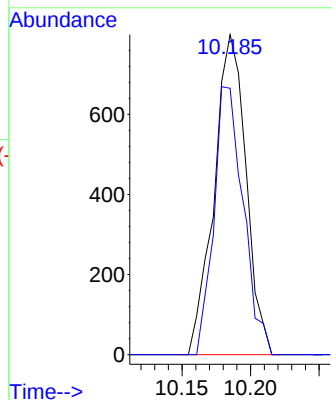
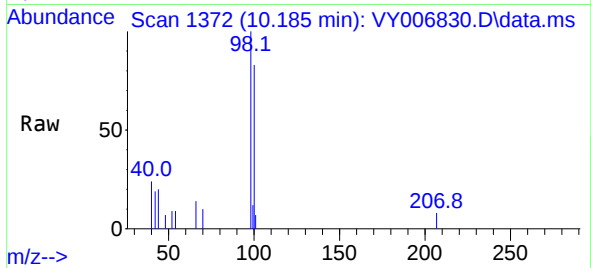




#50
Toluene-d8
Concen: 43.586 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

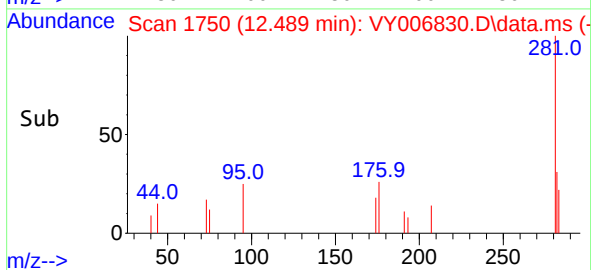
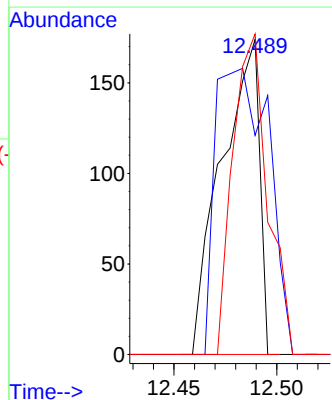
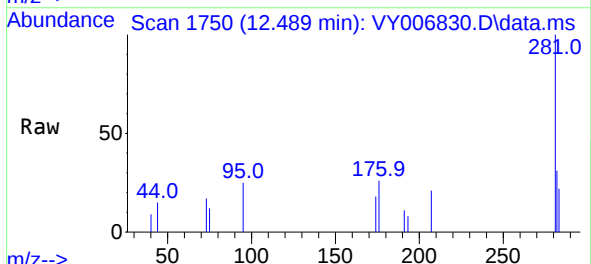
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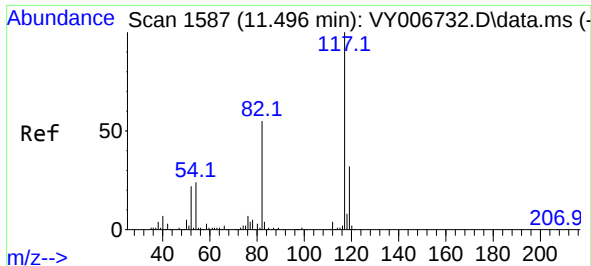
Tgt Ion: 98 Resp: 1294
Ion Ratio Lower Upper
98 100
100 77.1 50.9 76.3#



#62
4-Bromofluorobenzene
Concen: 22.281 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

Tgt Ion: 95 Resp: 223
Ion Ratio Lower Upper
95 100
174 127.8 0.0 177.0
176 92.8 0.0 169.4

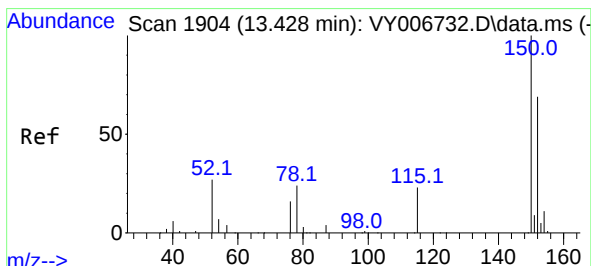
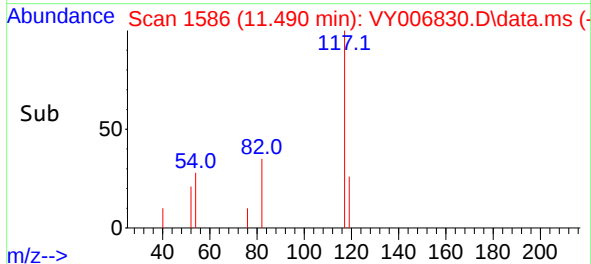
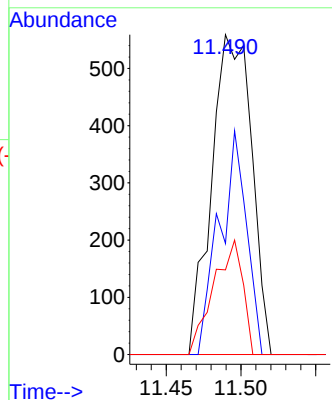
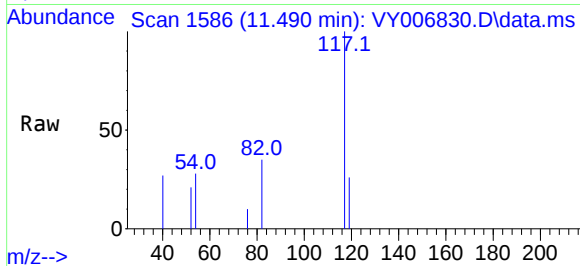




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

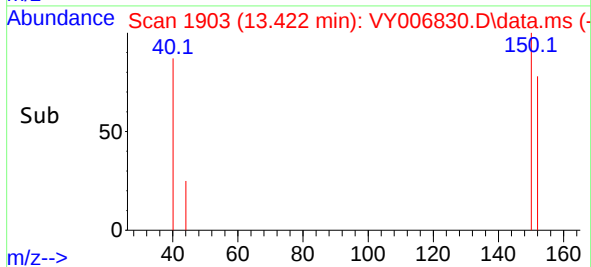
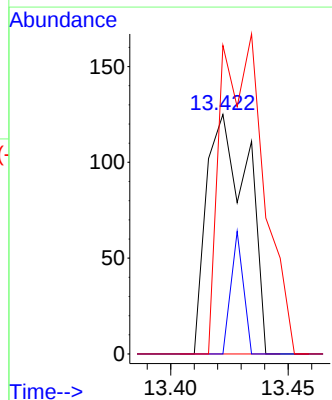
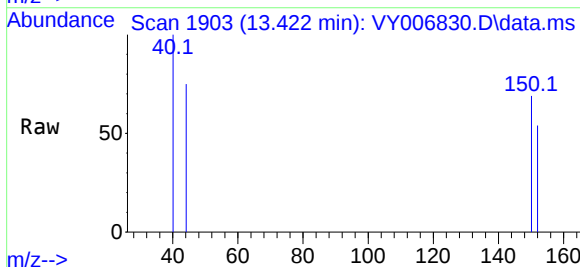
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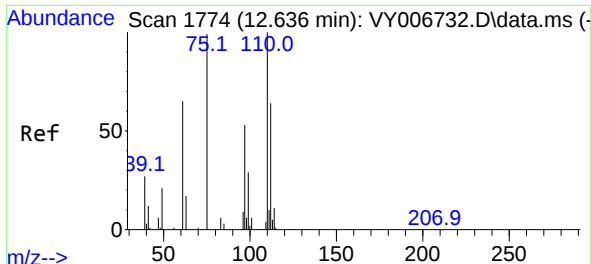
Tgt Ion:117 Resp: 1040
Ion Ratio Lower Upper
117 100
82 34.7 45.7 68.5#
119 26.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

Tgt Ion:152 Resp: 153
Ion Ratio Lower Upper
152 100
115 15.0 28.5 85.5#
150 137.9 0.0 348.2

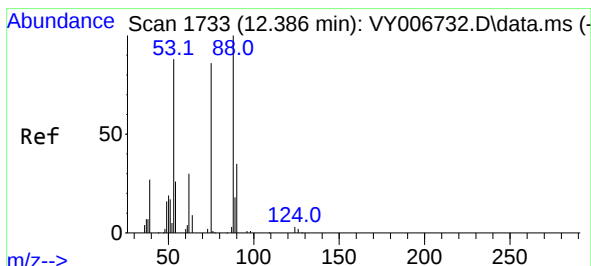
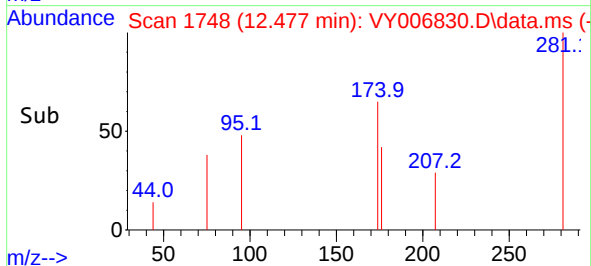
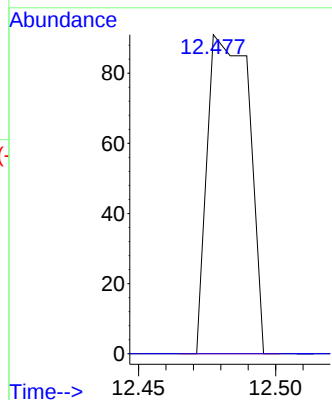
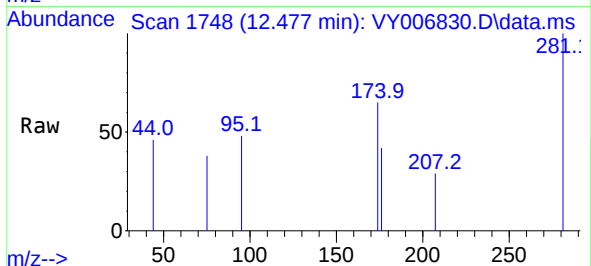




#76
1,2,3-Trichloropropane
Concen: 57.110 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

Instrument :
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Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.162 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.091 min
Lab File: VY006830.D
Acq: 19 Nov 2021 15:09

Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

