

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006827.D
 Acq On : 19 Nov 2021 13:58
 Operator : SY/MD
 Sample : M4758-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

Quant Time: Nov 22 03:19:27 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)

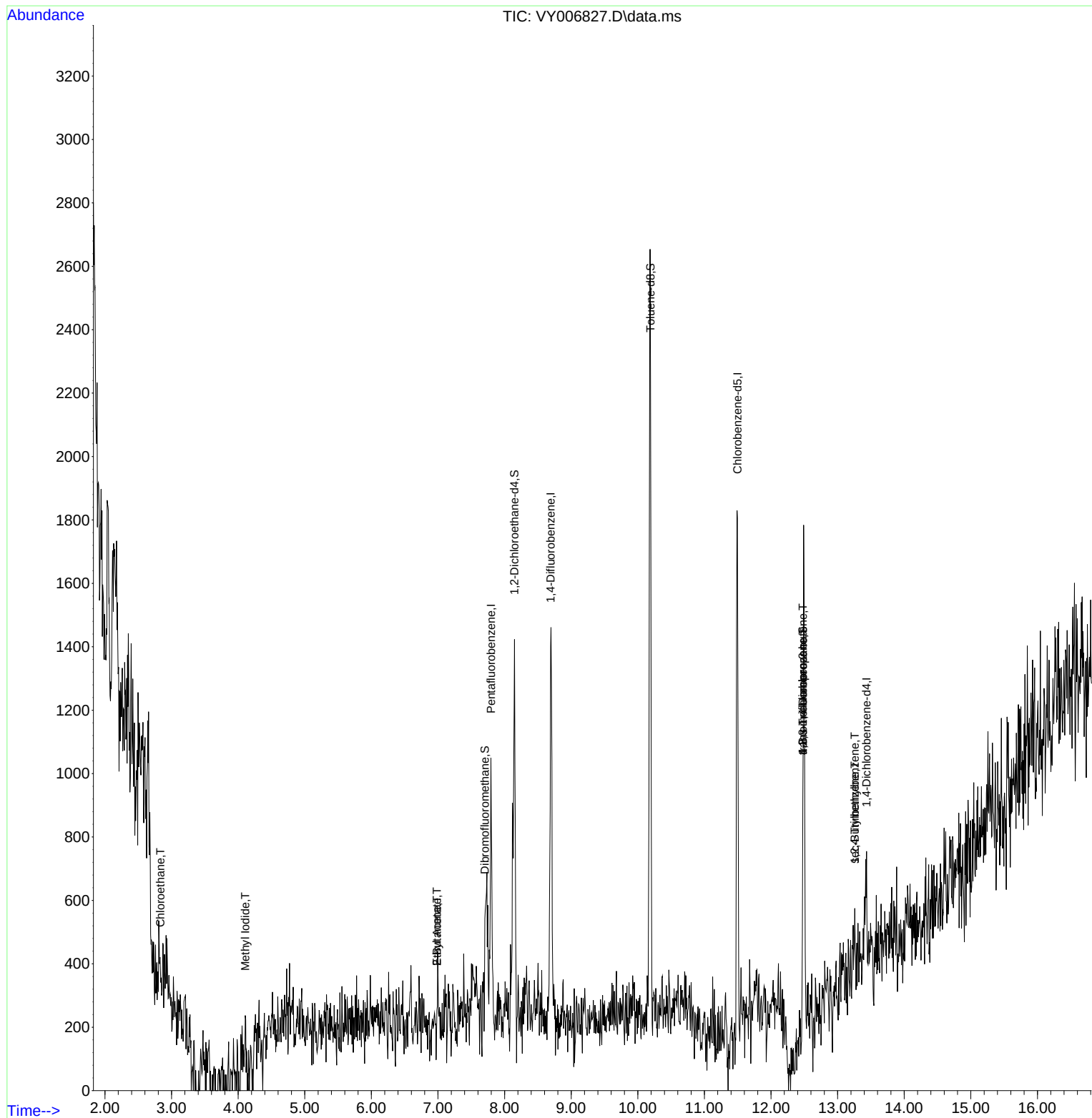
Internal Standards						
1) Pentafluorobenzene	7.795	168	813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1565	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	1160	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	736	69.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.140%
35) Dibromofluoromethane	7.703	113	149	15.500	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.000%#
50) Toluene-d8	10.191	98	1828	45.954	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.900%
62) 4-Bromofluorobenzene	12.477	95	213	15.883	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	31.760%
Target Compounds						
						Qvalue
6) Chloroethane	2.832	64	122	16.723	ug/l #	45
10) Methyl Iodide	4.106	142	70	7.055	ug/l #	36
25) 2-Butanone	6.984	43	22	15.959	ug/l #	52
37) Ethyl Acetate	6.984	43	22	1.934	ug/l #	72
76) 1,2,3-Trichloropropane	12.477	75	25	25.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25	50.069	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.257	105	22	3.880	ug/l #	31
85) sec-Butylbenzene	13.257	105	22	2.995	ug/l #	56

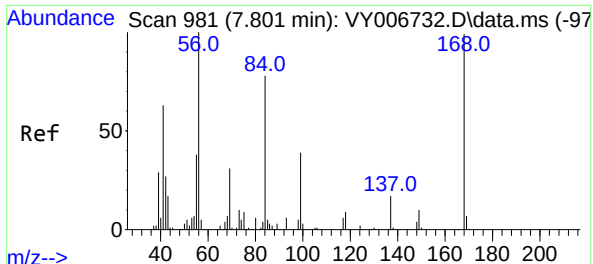
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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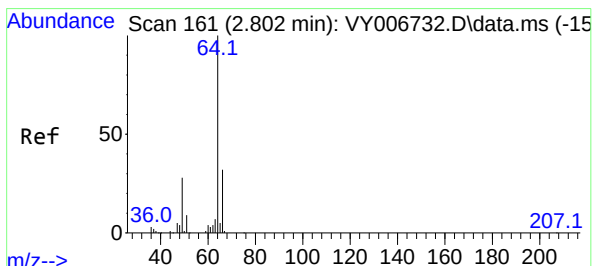
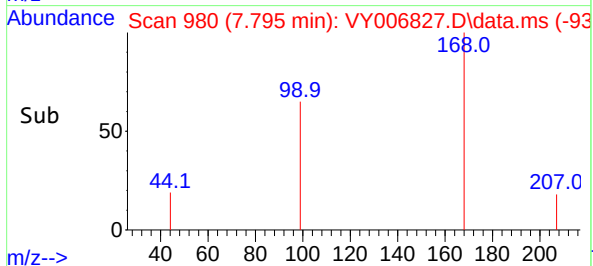
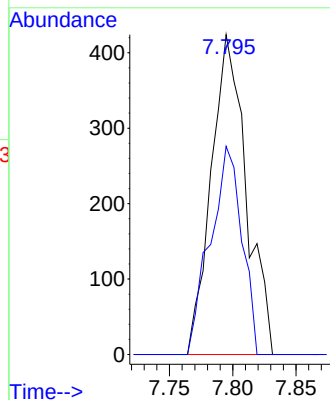
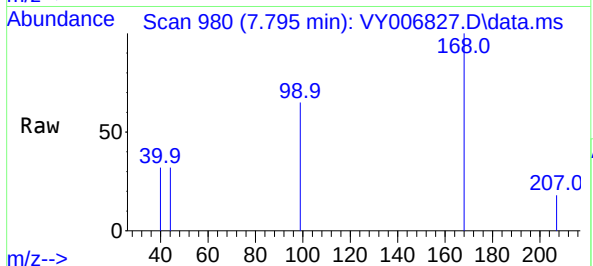




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

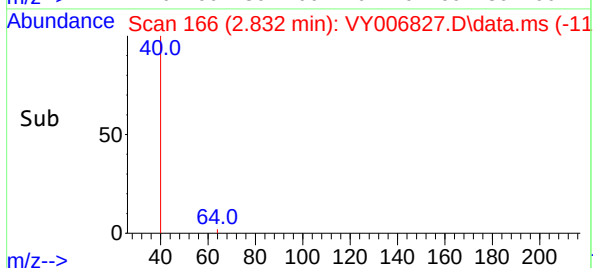
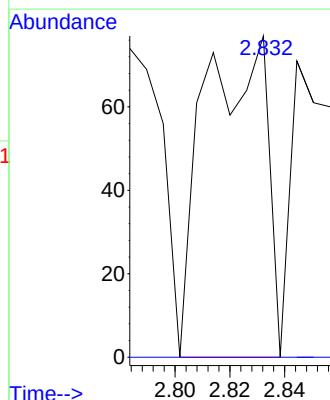
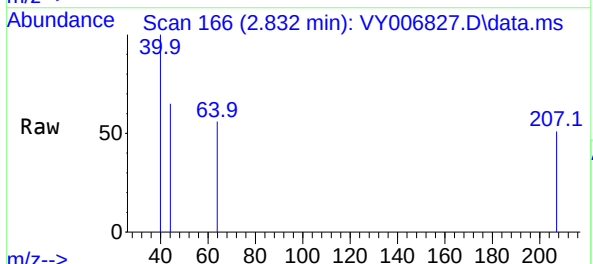
Instrument :
MSVOA_Y
ClientSampleId :
TP2

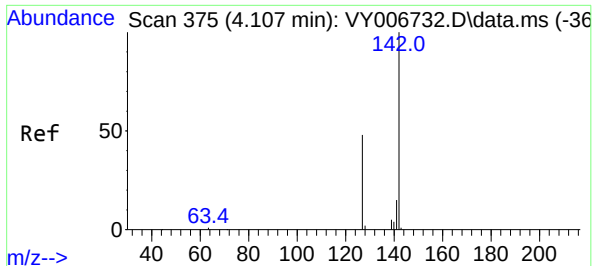
Tgt Ion:168 Resp: 813
Ion Ratio Lower Upper
168 100
99 65.1 44.8 67.2



#6
Chloroethane
Concen: 16.723 ug/l
RT: 2.832 min Scan# 166
Delta R.T. 0.030 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

Tgt Ion: 64 Resp: 122
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#

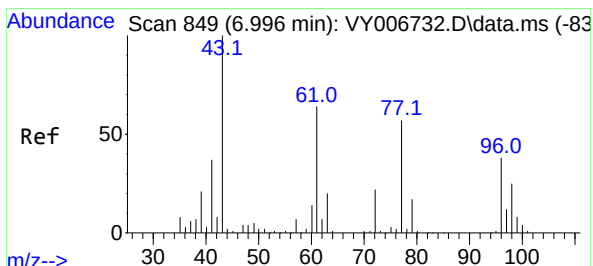
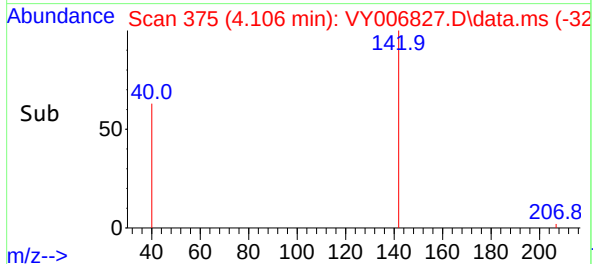
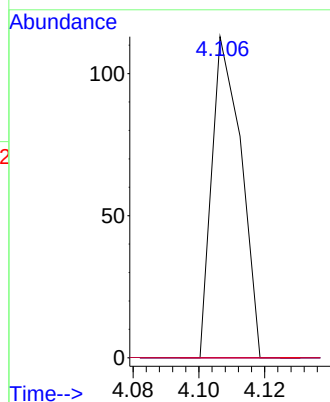
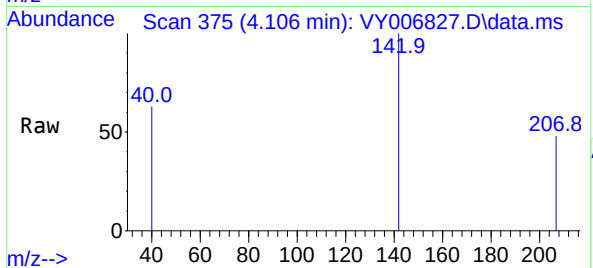




#10
Methyl Iodide
Concen: 7.055 ug/l
RT: 4.106 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

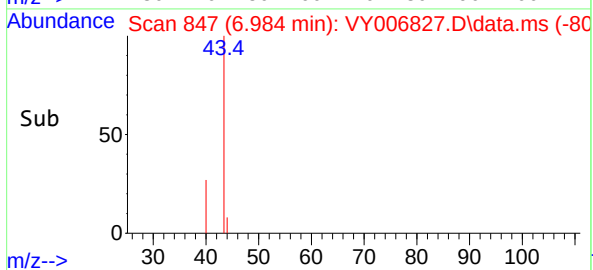
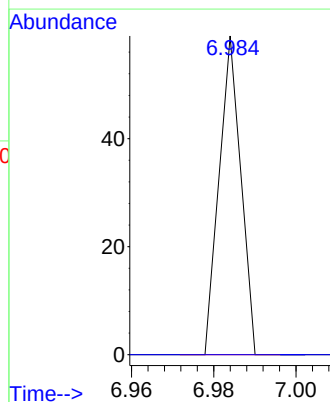
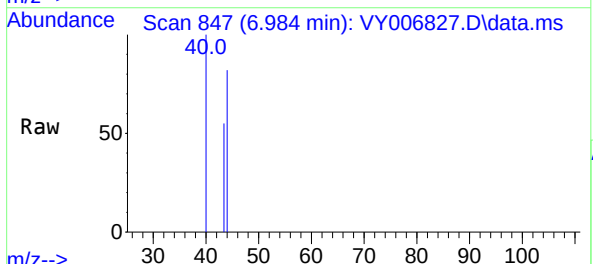
Instrument :
MSVOA_Y
ClientSampleId :
TP2

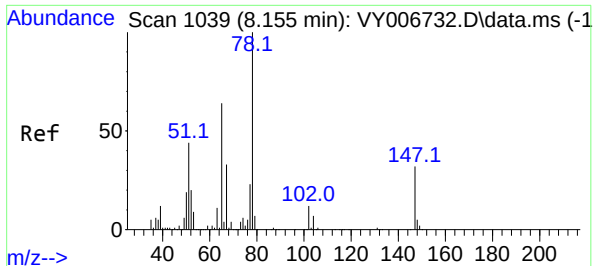
Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#25
2-Butanone
Concen: 15.959 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 69.073 ug/l

RT: 8.148 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY006827.D

Acq: 19 Nov 2021 13:58

Instrument :

MSVOA_Y

ClientSampleId :

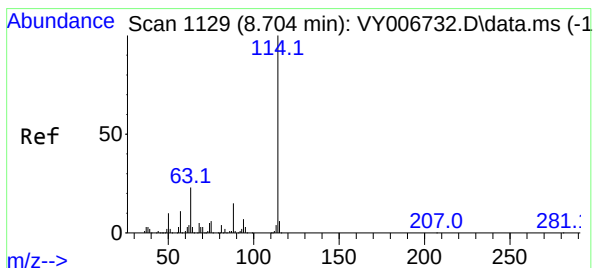
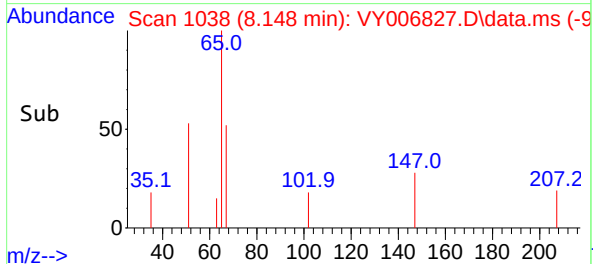
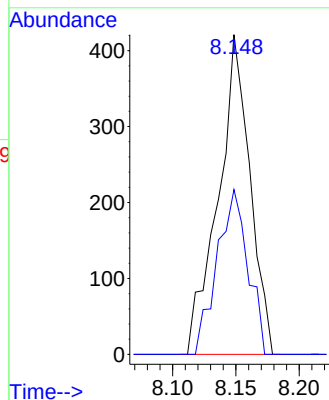
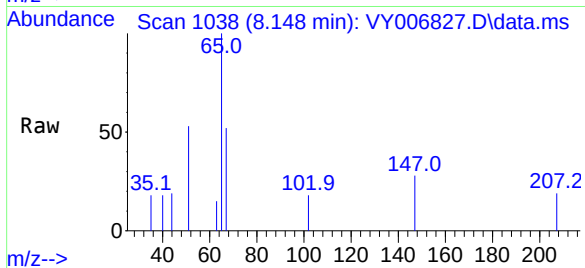
TP2

Tgt Ion: 65 Resp: 736

Ion Ratio Lower Upper

65 100

67 49.9 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY006827.D

Acq: 19 Nov 2021 13:58

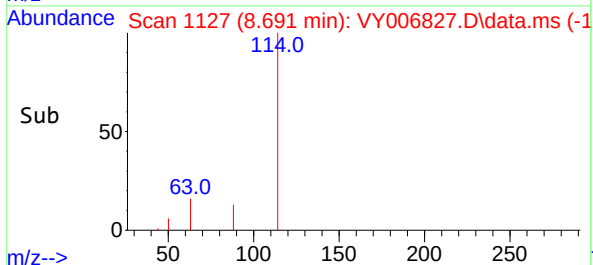
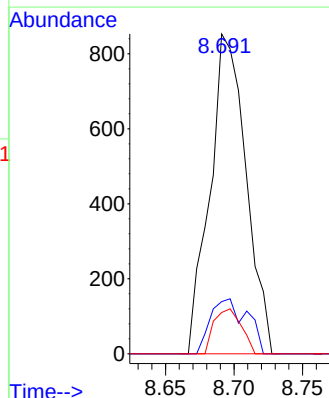
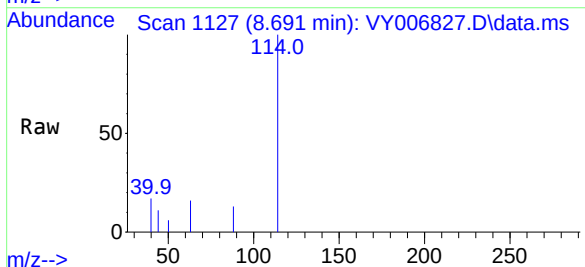
Tgt Ion: 114 Resp: 1565

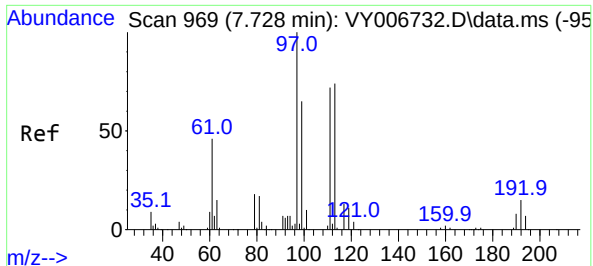
Ion Ratio Lower Upper

114 100

63 16.3 0.0 45.0

88 12.9 0.0 30.6

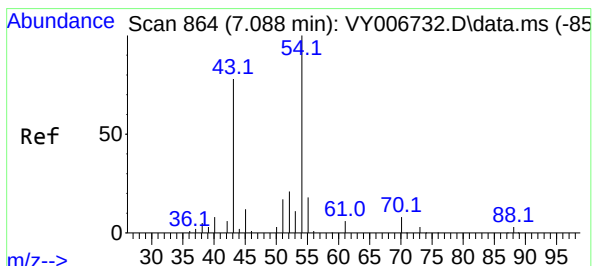
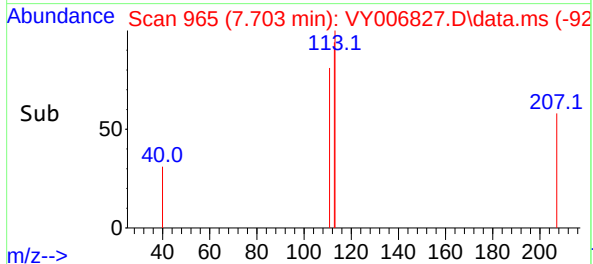
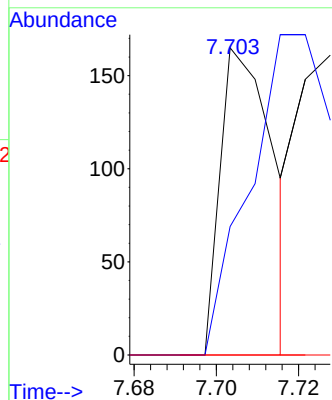
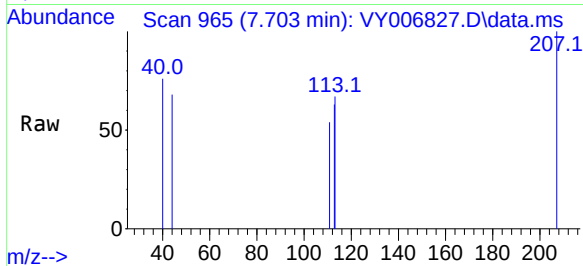




#35
Dibromofluoromethane
Concen: 15.500 ug/l
RT: 7.703 min Scan# 90
Delta R.T. -0.025 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

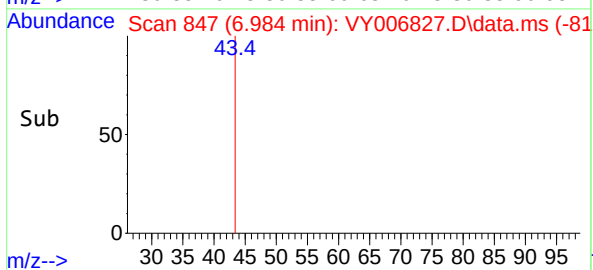
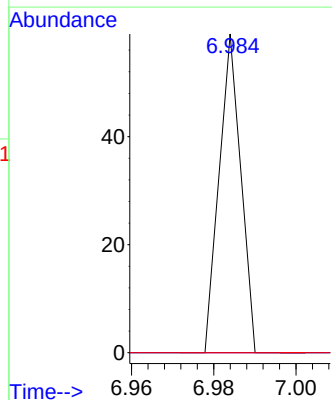
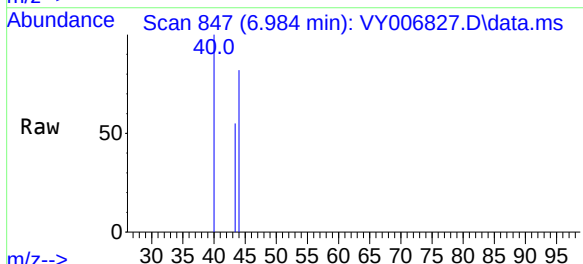
Instrument :
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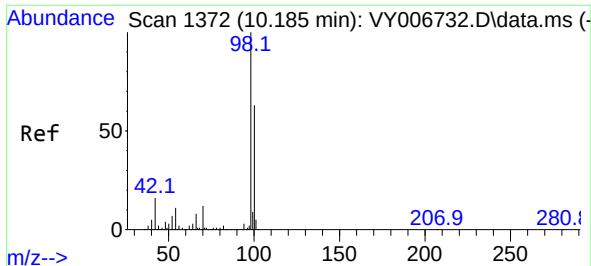
Tgt Ion:113 Resp: 149
Ion Ratio Lower Upper
113 100
111 247.0 82.3 123.5#
192 0.0 17.4 26.2#



#37
Ethyl Acetate
Concen: 1.934 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.104 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
61 0.0 9.4 14.2#
70 0.0 6.9 10.3#

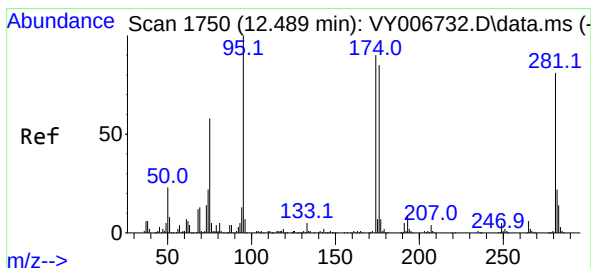
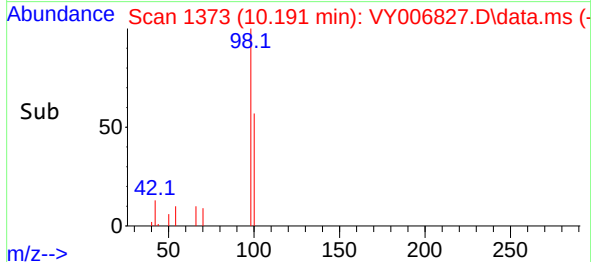
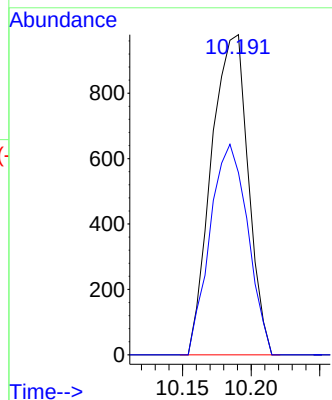
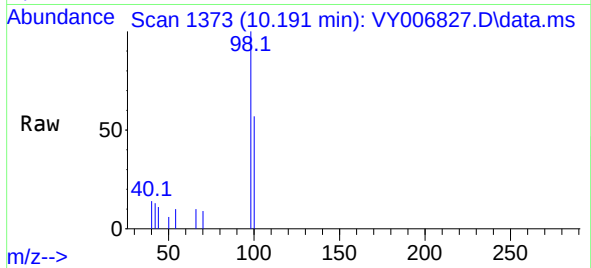




#50
Toluene-d8
Concen: 45.954 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

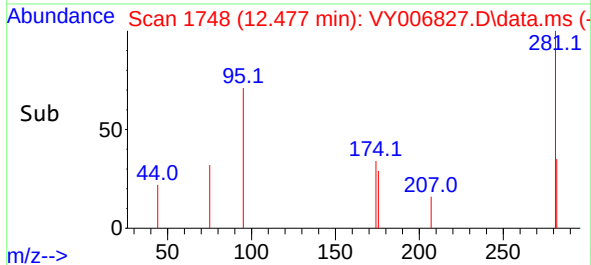
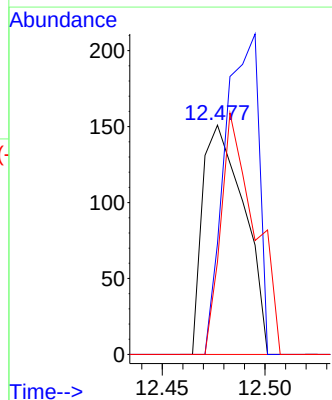
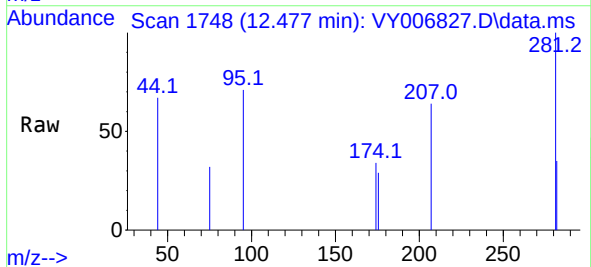
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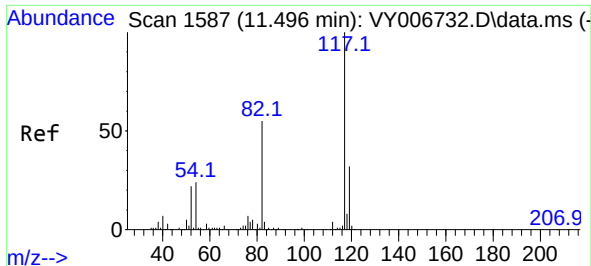
Tgt Ion: 98 Resp: 1828
Ion Ratio Lower Upper
98 100
100 67.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 15.883 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.013 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

Tgt Ion: 95 Resp: 213
Ion Ratio Lower Upper
95 100
174 113.1 0.0 177.0
176 85.0 0.0 169.4

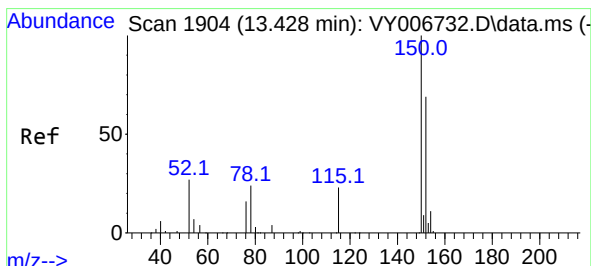
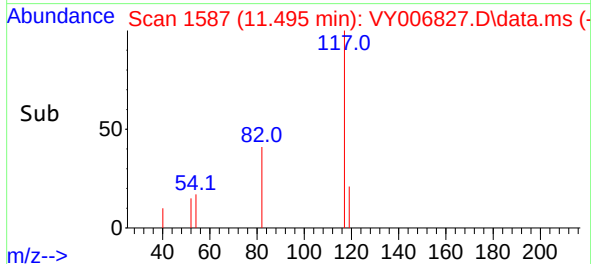
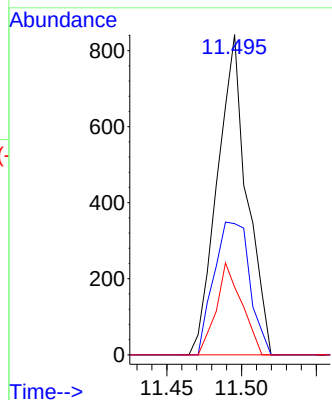
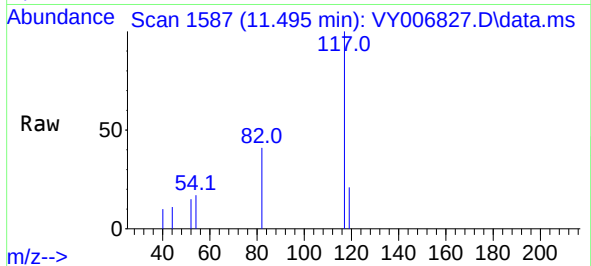




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

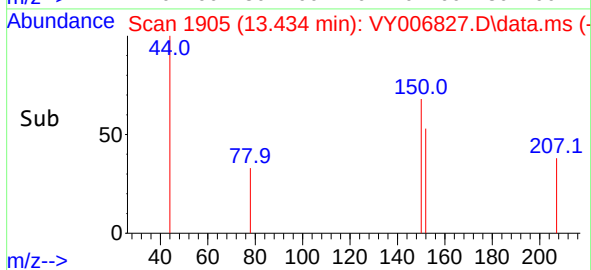
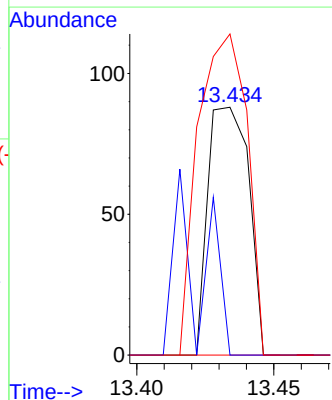
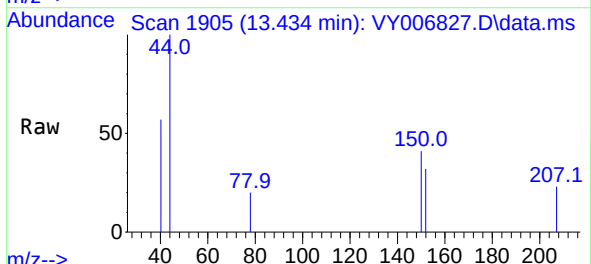
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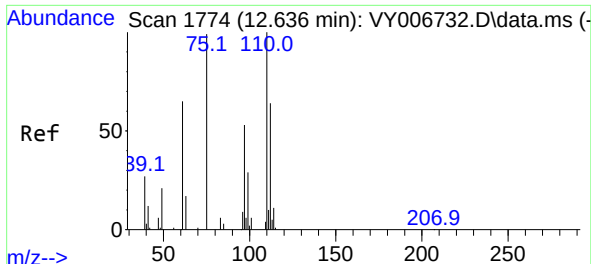
Tgt Ion:117 Resp: 1160
Ion Ratio Lower Upper
117 100
82 41.0 45.7 68.5#
119 21.1 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

Tgt Ion:152 Resp: 91
Ion Ratio Lower Upper
152 100
115 49.5 28.5 85.5
150 156.0 0.0 348.2

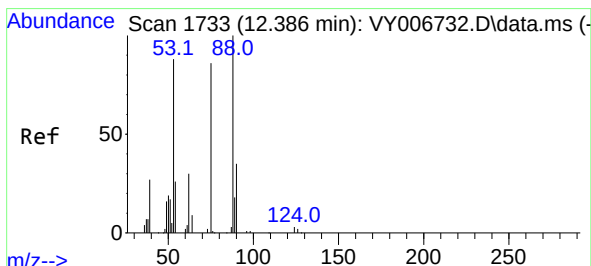
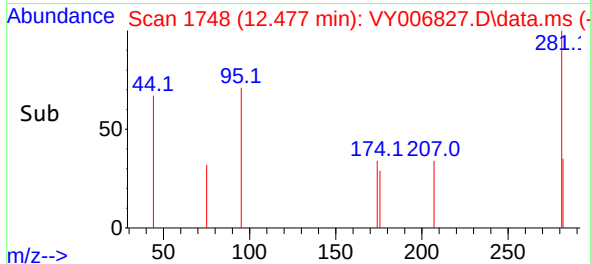
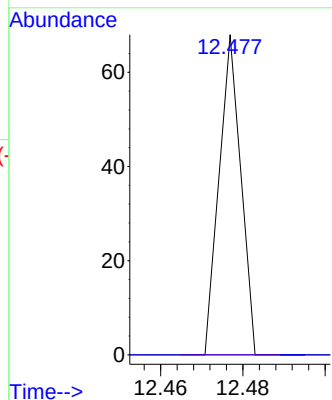
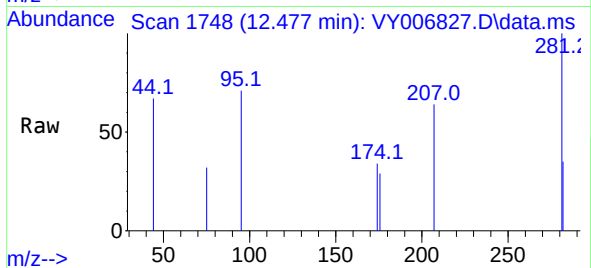




#76
1,2,3-Trichloropropane
Concen: 25.269 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

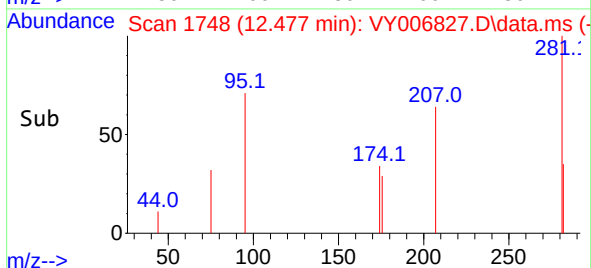
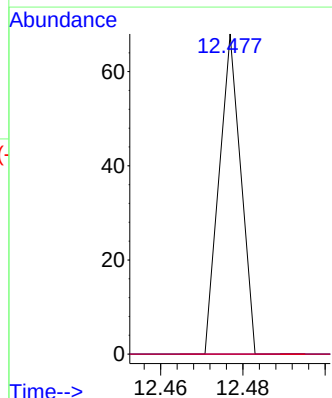
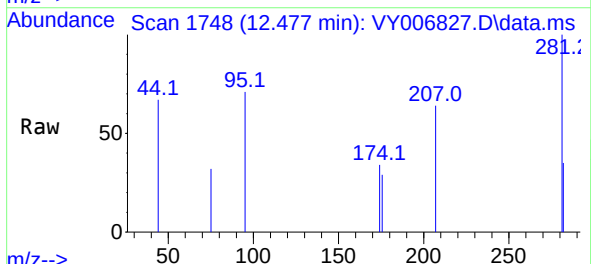
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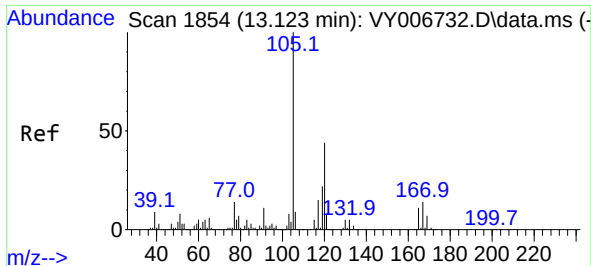
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 50.069 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.091 min
Lab File: VY006827.D
Acq: 19 Nov 2021 13:58

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

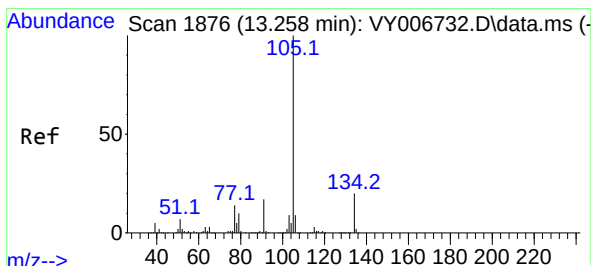
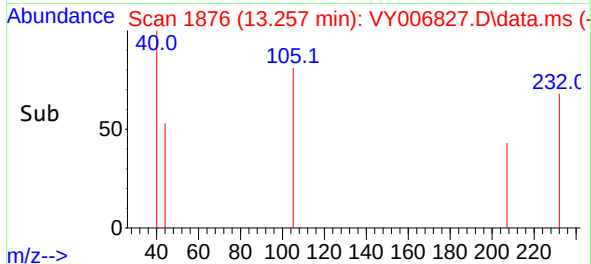
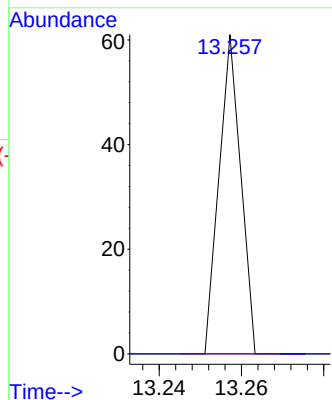
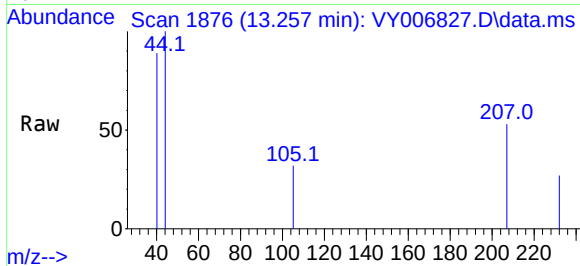




#84
 1,2,4-Trimethylbenzene
 Concen: 3.880 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.134 min
 Lab File: VY006827.D
 Acq: 19 Nov 2021 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

Tgt Ion:105 Resp: 22
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.6 67.8#



#85
 sec-Butylbenzene
 Concen: 2.995 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY006827.D
 Acq: 19 Nov 2021 13:58

Tgt Ion:105 Resp: 22
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#

