

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007303.D
 Acq On : 26 Jan 2022 13:48
 Operator : SY/MD
 Sample : N1266-06
 Misc : 7.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-08-(5-6)

Quant Time: Jan 27 00:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

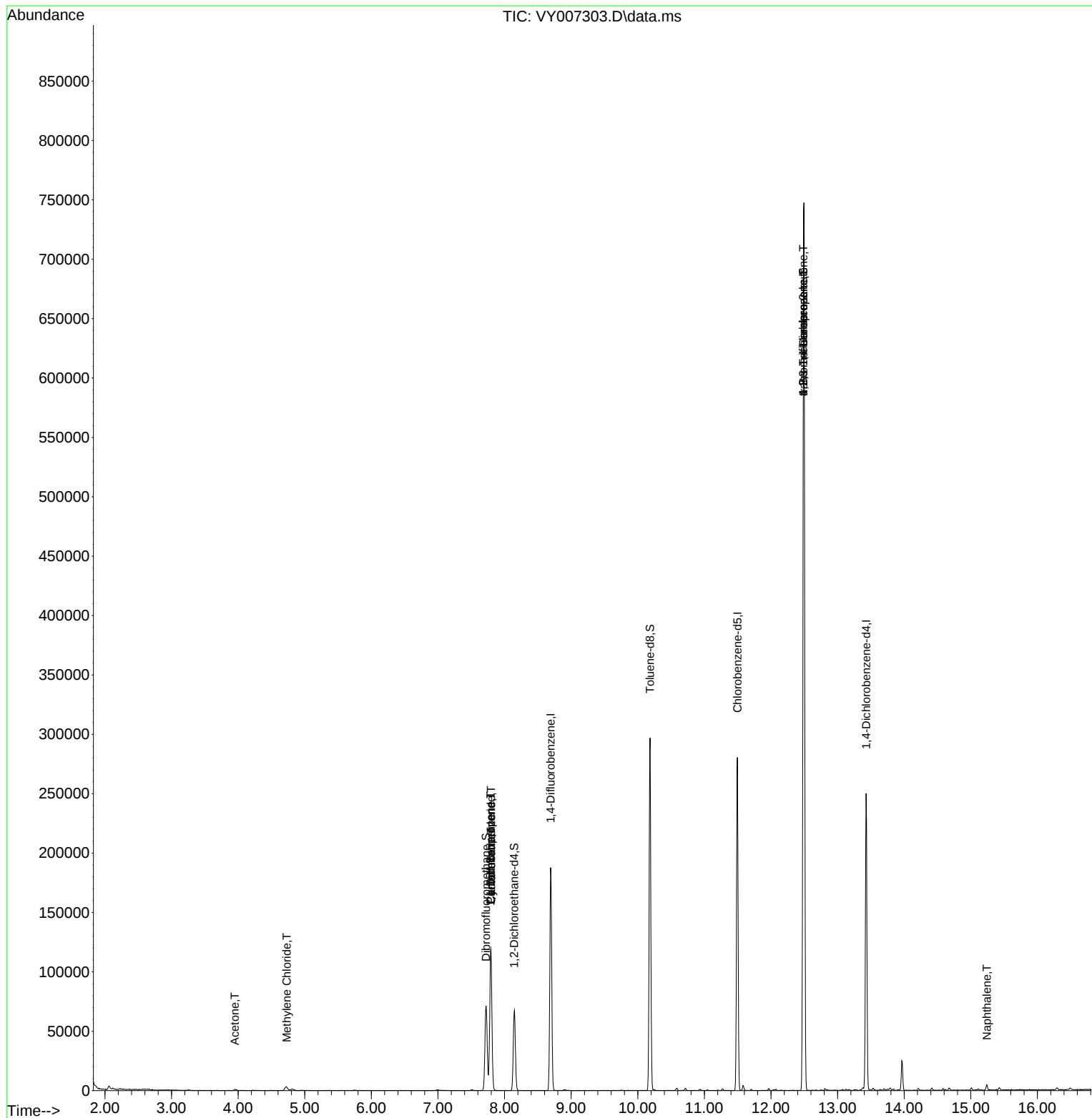
Internal Standards						
1) Pentafluorobenzene	7.795	168	88798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	145195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53131	48.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.520%
35) Dibromofluoromethane	7.722	113	51568	48.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.185	98	193840	49.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.483	95	68324	49.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.200%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1828	6.465	ug/l	91
20) Methylene Chloride	4.729	84	2574	2.201	ug/l	93
31) Cyclohexane	7.795	56	2130	1.156	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	7683	4.493	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9604	5.340	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42588	61.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42588	112.337	ug/l #	3
95) Naphthalene	15.239	128	3657	1.421	ug/l	96

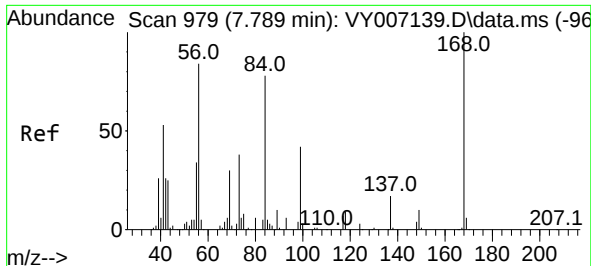
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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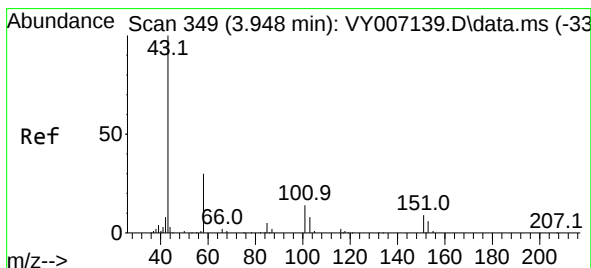
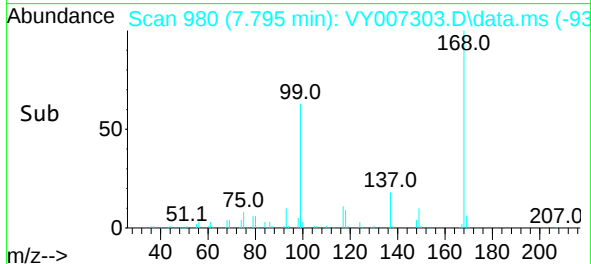
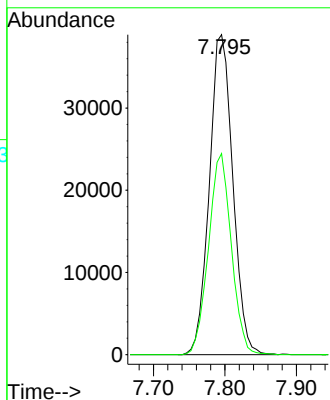
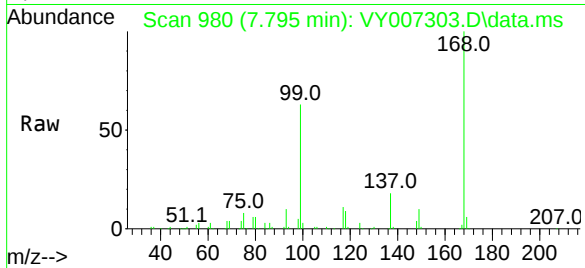




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

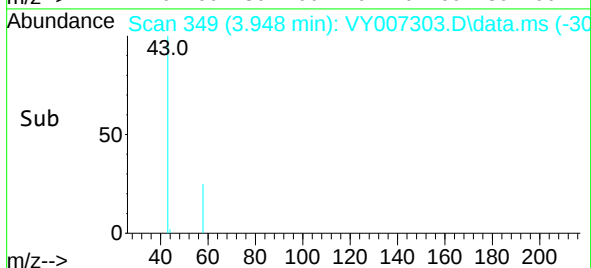
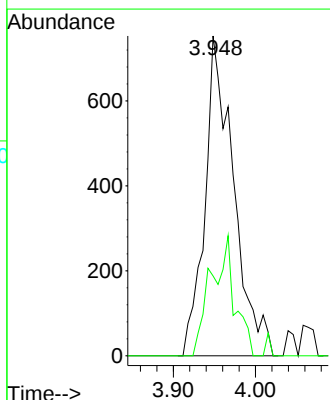
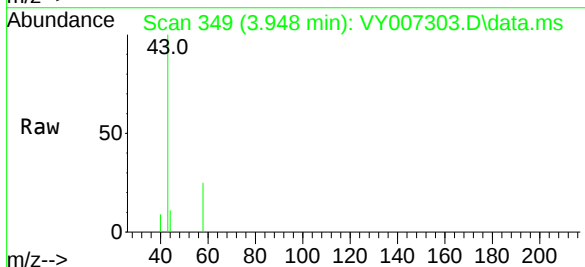
Instrument :
MSVOA_Y
ClientSampleId :
RB-08-(5-6)

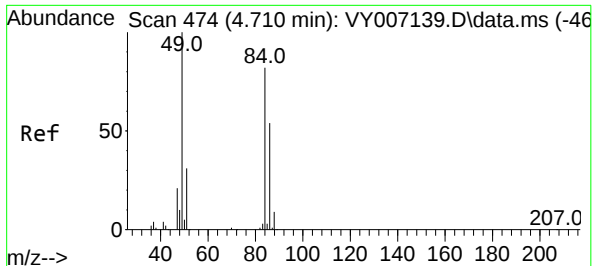
Tgt Ion:168 Resp: 88798
Ion Ratio Lower Upper
168 100
99 62.8 49.1 73.7



#16
Acetone
Concen: 6.465 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

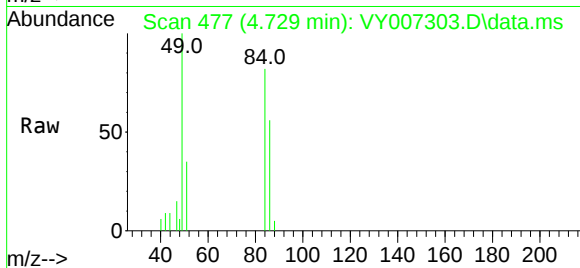
Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 25.0 23.8 35.6



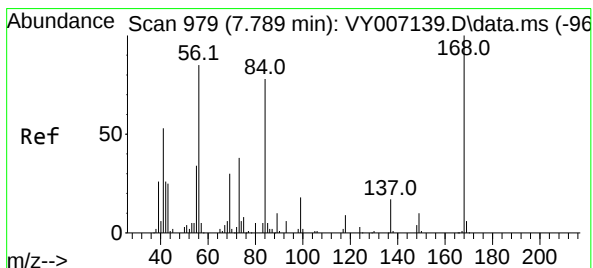
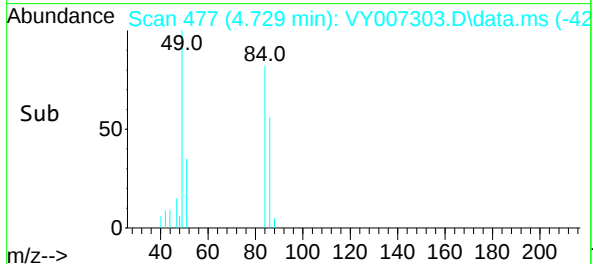
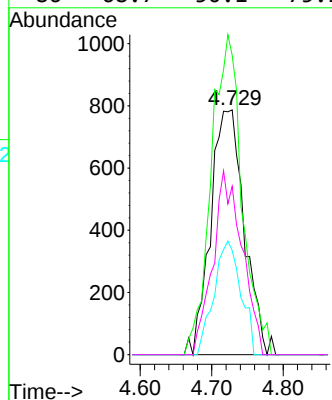


#20
Methylene Chloride
Concen: 2.201 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

Instrument :
MSVOA_Y
ClientSampleId :
RB-08-(5-6)

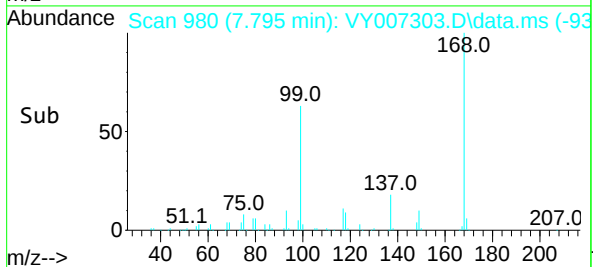
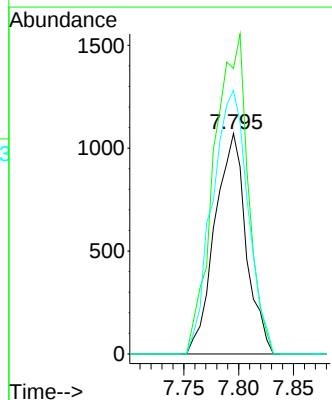
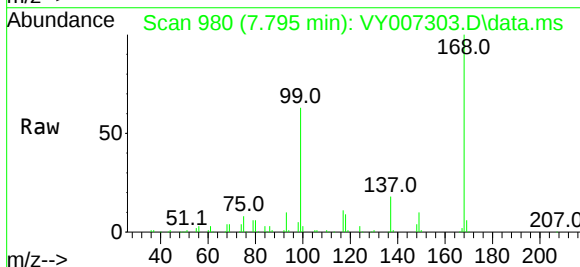


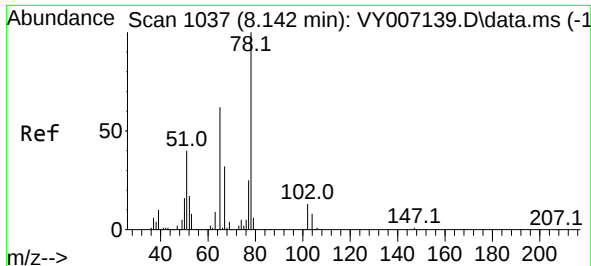
Tgt Ion: 84	Resp:	2574	
Ion	Ratio	Lower	Upper
84	100		
49	122.2	92.6	139.0
51	42.6	28.6	42.8
86	68.7	50.1	75.1



#31
Cyclohexane
Concen: 1.156 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.007 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

Tgt Ion: 56	Resp:	2130	
Ion	Ratio	Lower	Upper
56	100		
69	129.5	27.2	40.8#
84	135.4	72.1	108.1#

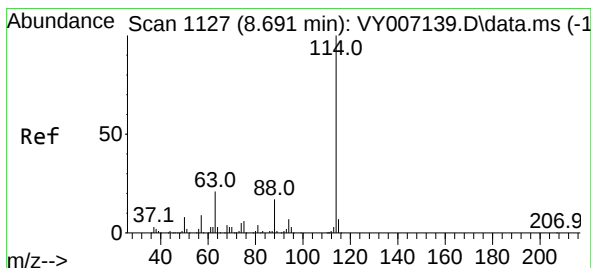
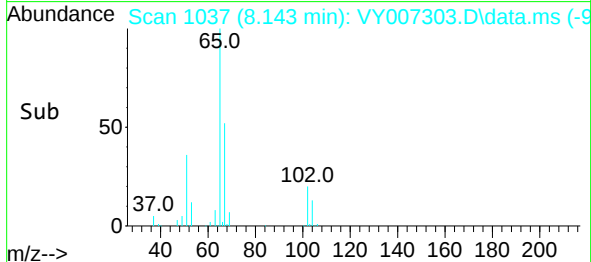
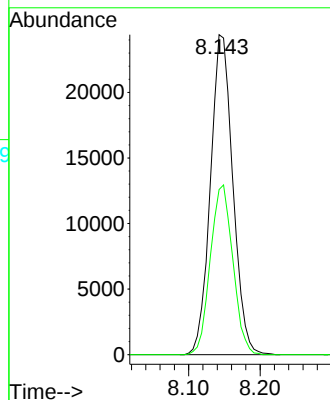
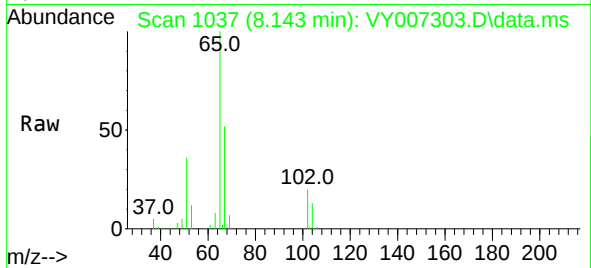




#33
 1,2-Dichloroethane-d4
 Concen: 48.764 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007303.D
 Acq: 26 Jan 2022 13:48

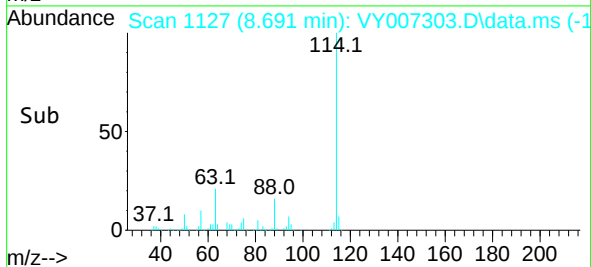
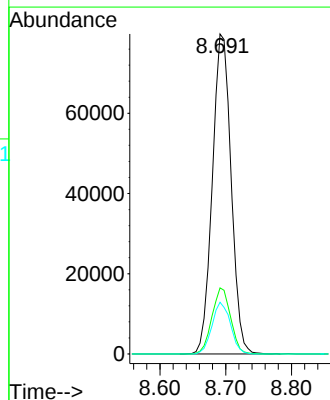
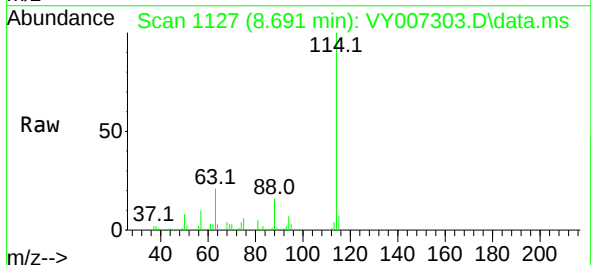
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-08-(5-6)

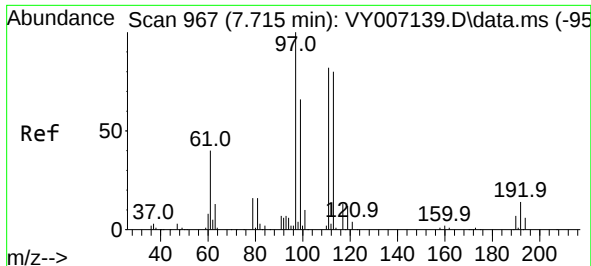
Tgt Ion: 65 Resp: 53131
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007303.D
 Acq: 26 Jan 2022 13:48

Tgt Ion: 114 Resp: 158323
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 16.2 0.0 31.0

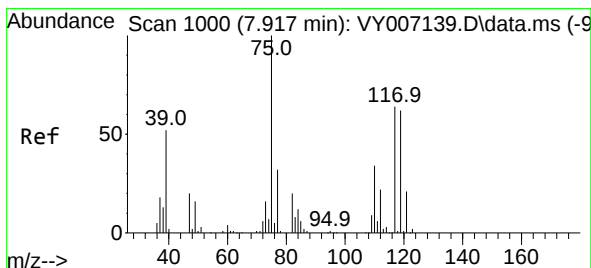
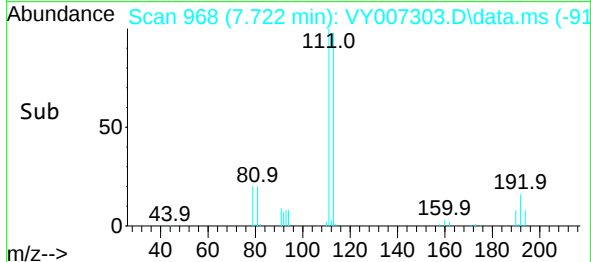
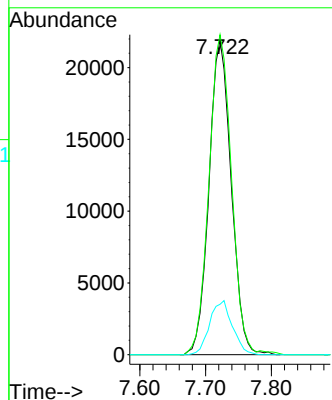
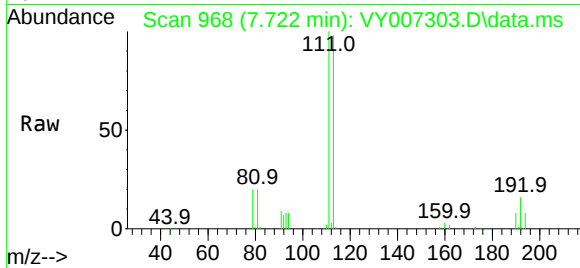




#35
Dibromofluoromethane
Concen: 48.169 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

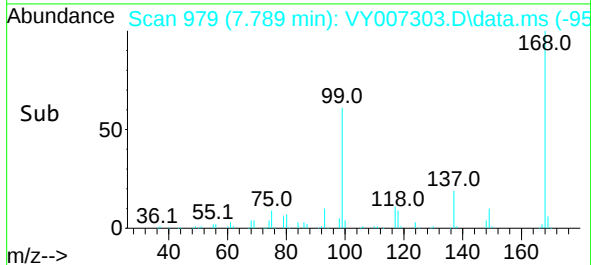
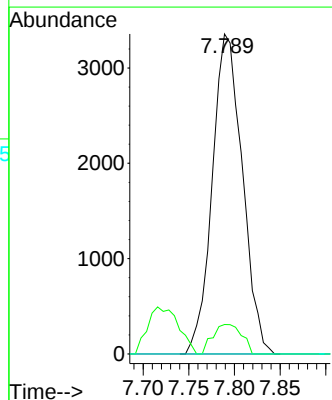
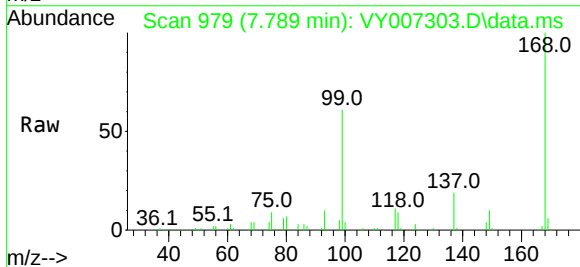
Instrument :
MSVOA_Y
ClientSampleId :
RB-08-(5-6)

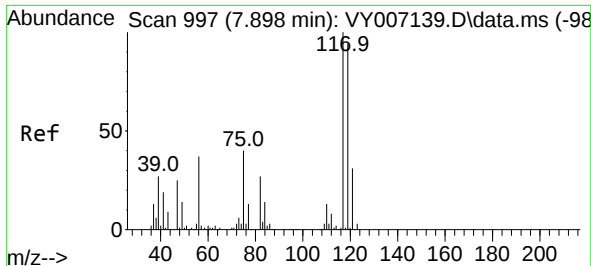
Tgt Ion:113 Resp: 51568
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

Tgt Ion: 75 Resp: 7683
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.9#
77 0.0 24.7 37.1#

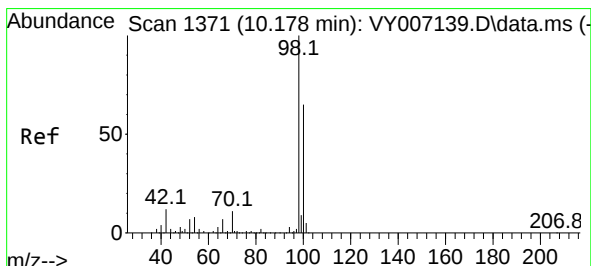
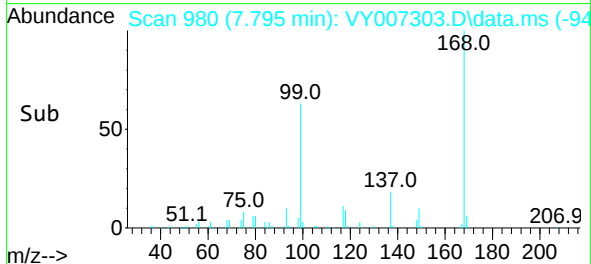
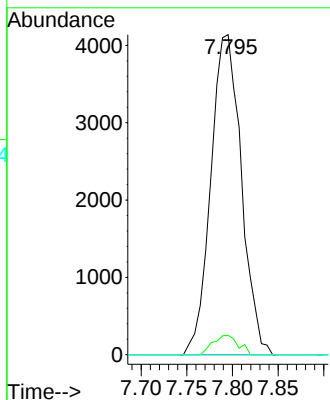
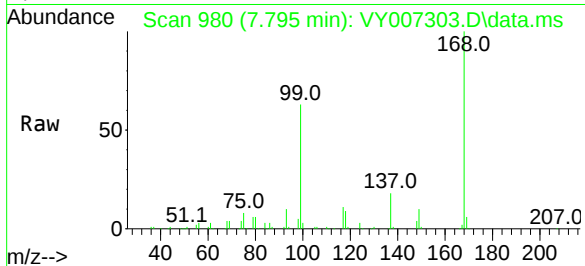




#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

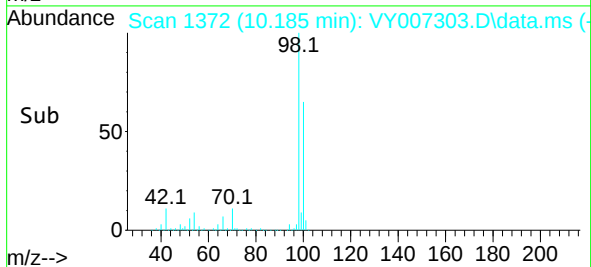
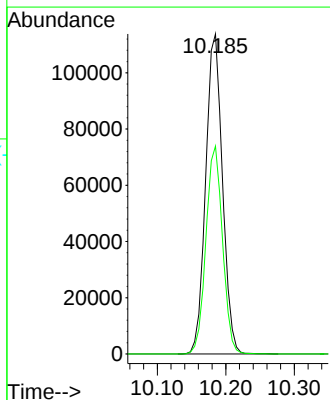
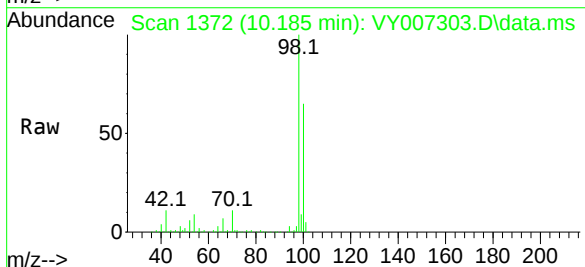
Instrument :
MSVOA_Y
ClientSampleId :
RB-08-(5-6)

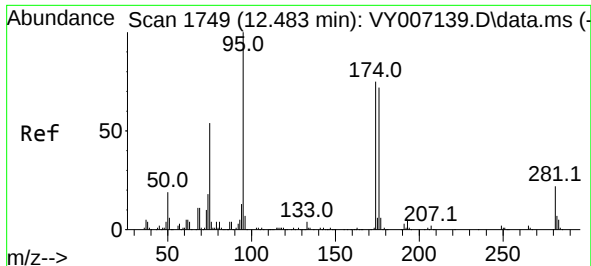
Tgt Ion:117 Resp: 9604
Ion Ratio Lower Upper
117 100
119 6.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.553 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

Tgt Ion: 98 Resp: 193840
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 49.102 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007303.D

Acq: 26 Jan 2022 13:48

Instrument :

MSVOA_Y

ClientSampleId :

RB-08-(5-6)

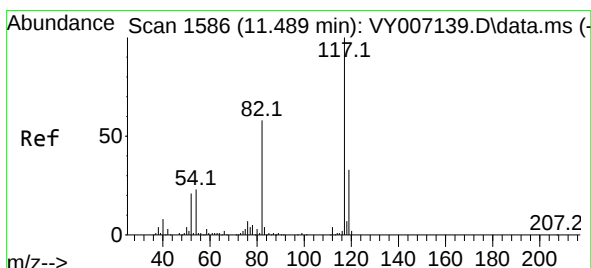
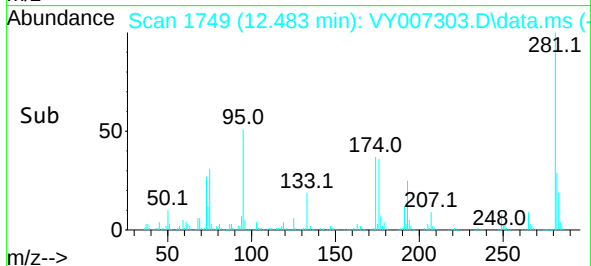
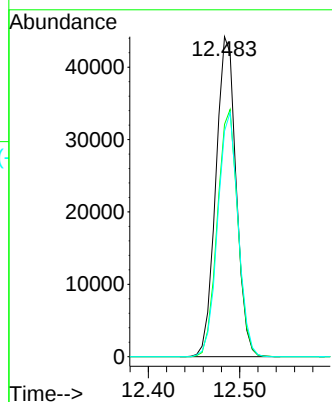
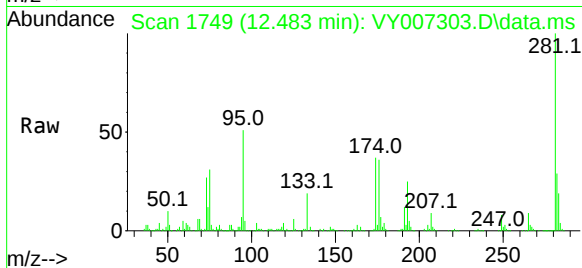
Tgt Ion: 95 Resp: 68324

Ion Ratio Lower Upper

95 100

174 77.5 0.0 148.4

176 76.5 0.0 146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.007 min

Lab File: VY007303.D

Acq: 26 Jan 2022 13:48

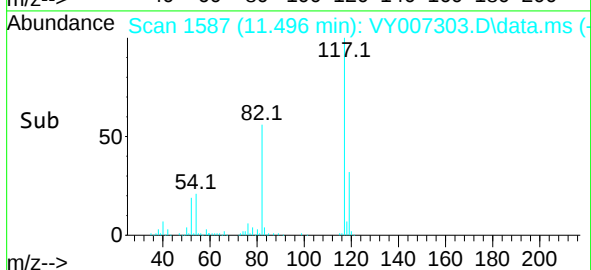
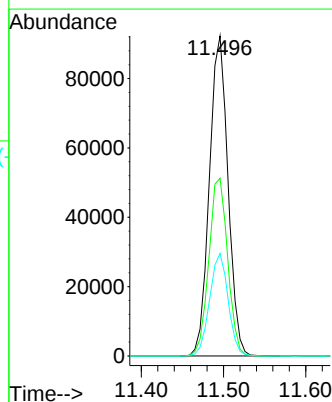
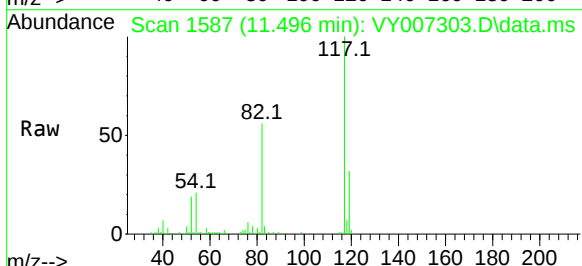
Tgt Ion: 117 Resp: 145195

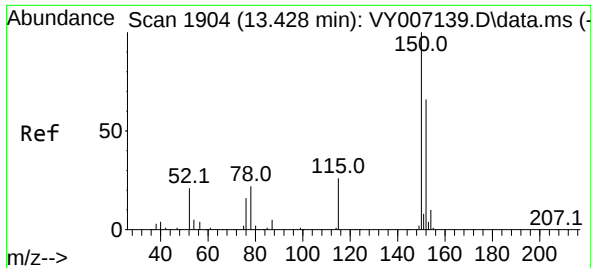
Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.0

119 32.1 26.4 39.6

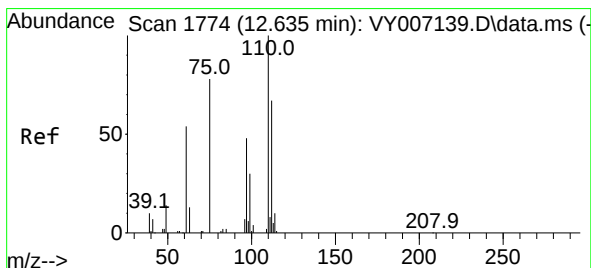
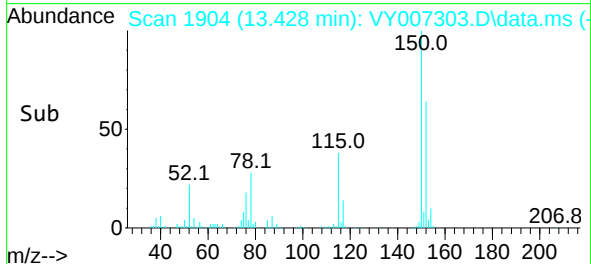
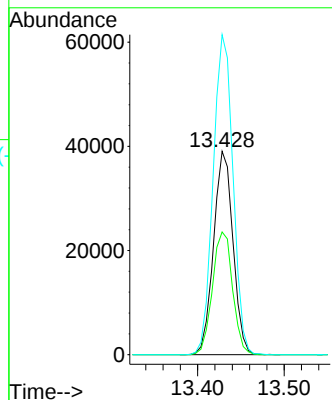
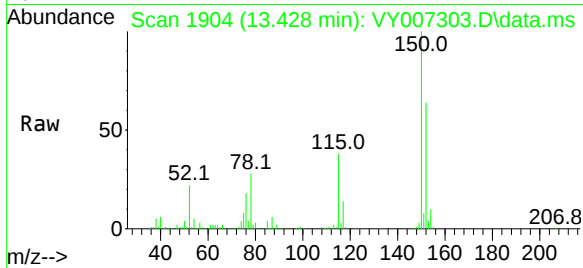




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.001 min
 Lab File: VY007303.D
 Acq: 26 Jan 2022 13:48

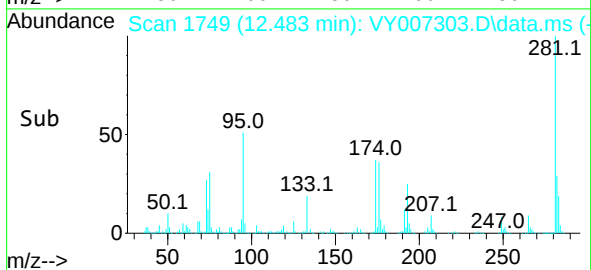
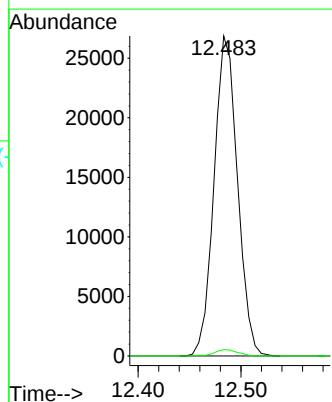
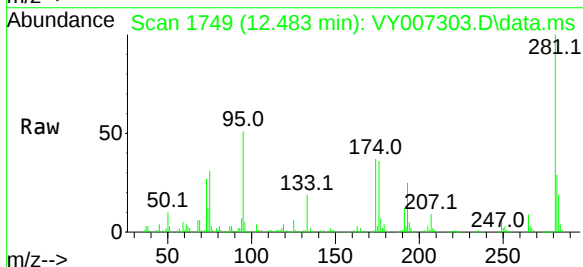
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-08-(5-6)

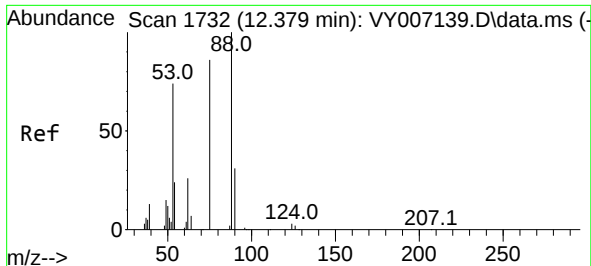
Tgt Ion:152 Resp: 60867
 Ion Ratio Lower Upper
 152 100
 115 62.5 31.4 94.0
 150 160.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 61.362 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007303.D
 Acq: 26 Jan 2022 13:48

Tgt Ion: 75 Resp: 42588
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#

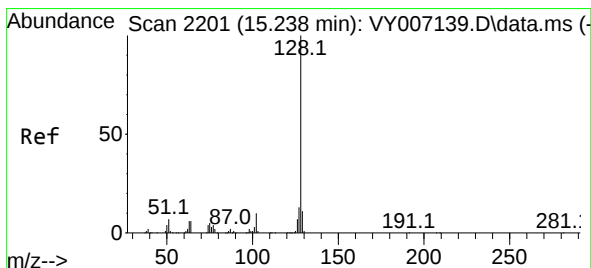
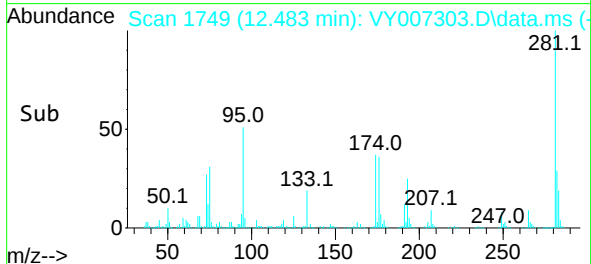
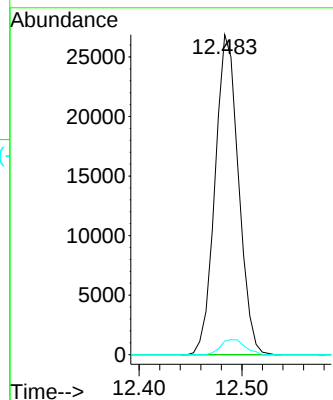
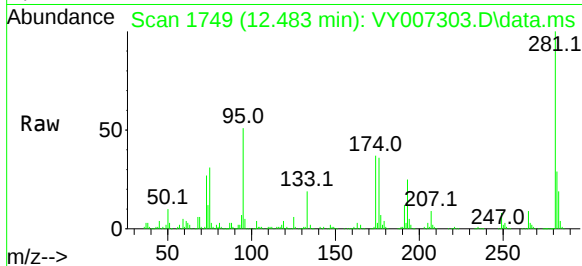




#81
trans-1,4-Dichloro-2-butene
Concen: 112.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

Instrument :
MSVOA_Y
ClientSampleId :
RB-08-(5-6)

Tgt Ion: 75 Resp: 42588
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 4.9 0.0 0.0#



#95
Naphthalene
Concen: 1.421 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.001 min
Lab File: VY007303.D
Acq: 26 Jan 2022 13:48

Tgt Ion:128 Resp: 3657
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 10.4 8.9 13.3

