

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009707.D
 Acq On : 26 Jul 2022 17:56
 Operator : KP/MD
 Sample : N3858-03
 Misc : 3.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-B

Quant Time: Jul 27 04:27:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

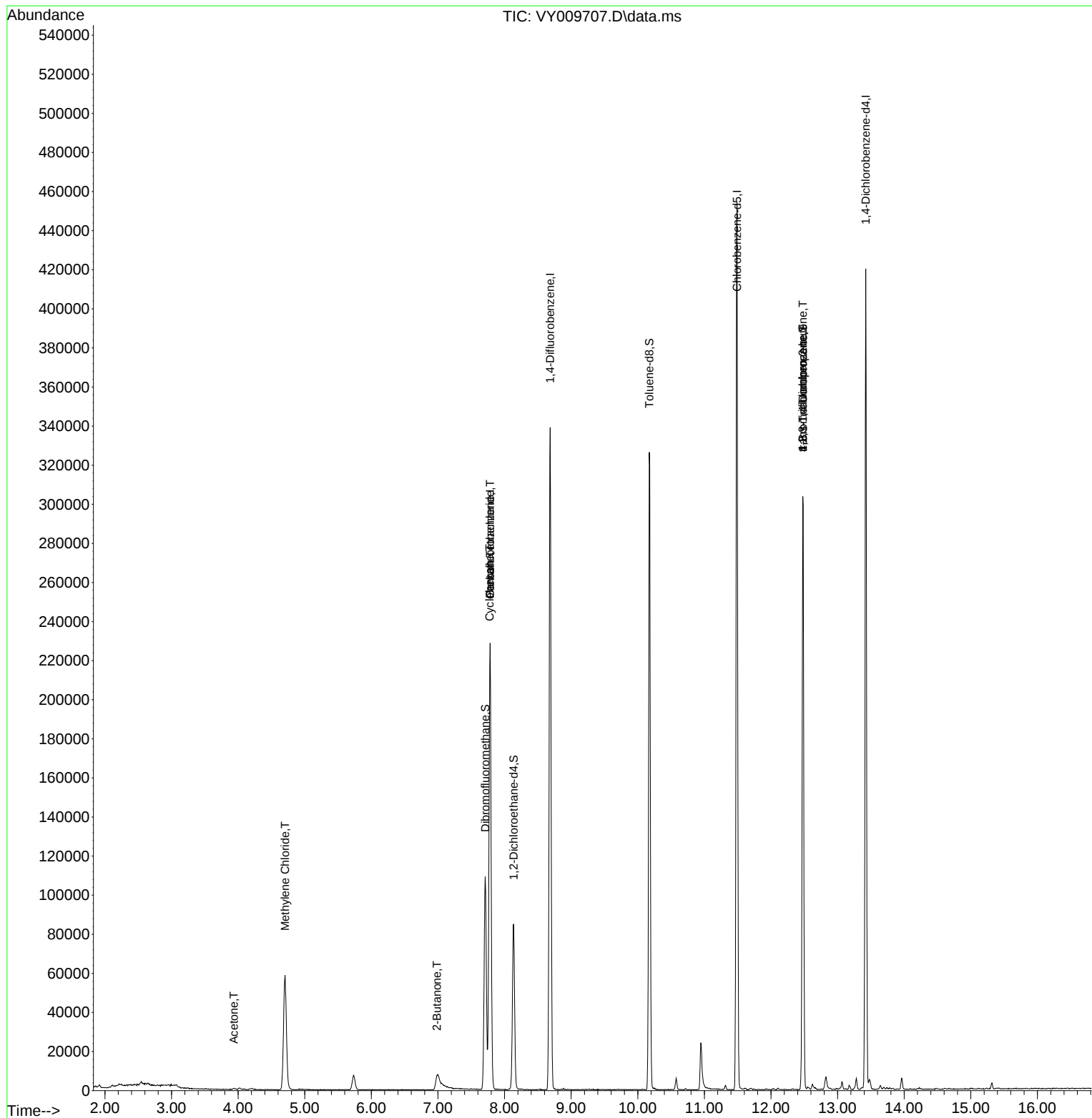
Internal Standards						
1) Pentafluorobenzene	7.783	168	187400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	299887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	65240	52.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.140%	
35) Dibromofluoromethane	7.710	113	76917	47.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.320%	
50) Toluene-d8	10.173	98	216024	45.059	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 90.120%	
62) 4-Bromofluorobenzene	12.477	95	88054	40.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 81.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	1099	2.453	ug/l	100
18) Methyl Acetate	4.704	43	172	Below Cal	#	56
20) Methylene Chloride	4.704	84	45060	13.971	ug/l	85
25) 2-Butanone	6.984	43	1201	1.817	ug/l	100
31) Cyclohexane	7.777	56	3359	1.127	ug/l #	1
38) Carbon Tetrachloride	7.783	117	17037	5.991	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	44689	43.404	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44689	86.517	ug/l #	8

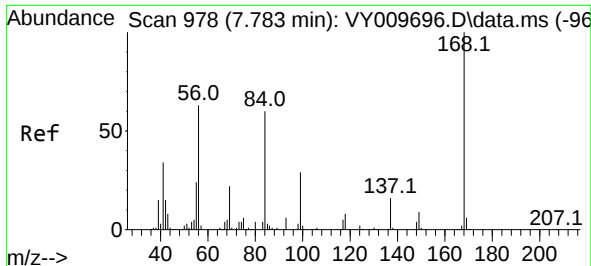
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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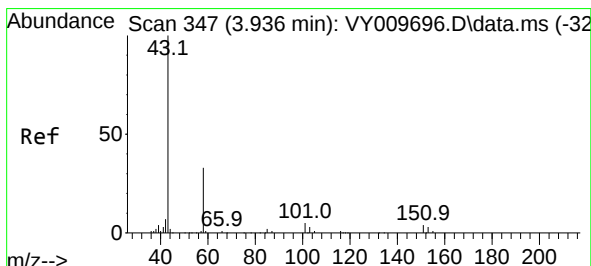
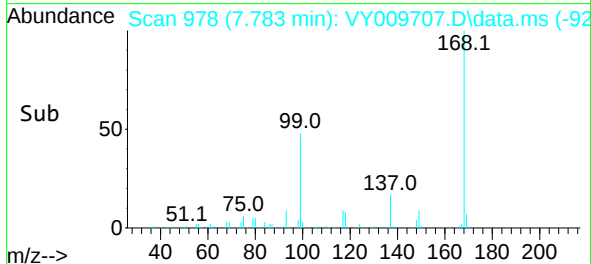
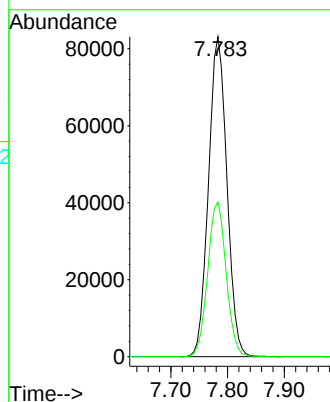
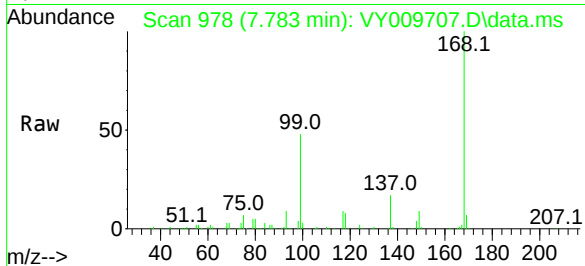




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

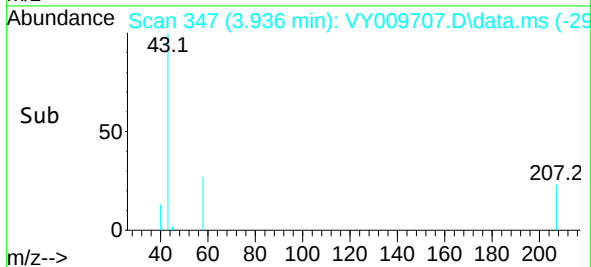
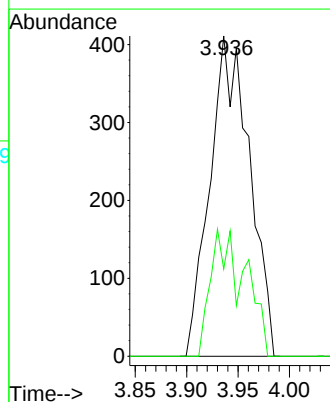
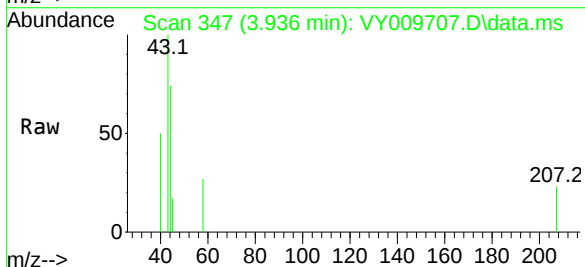
Instrument :
MSVOA_Y
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SB-B

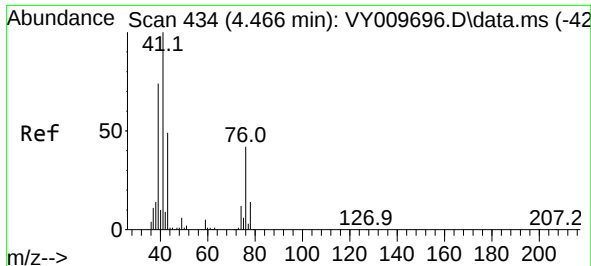
Tgt Ion:168 Resp: 187400
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#16
Acetone
Concen: 2.453 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0

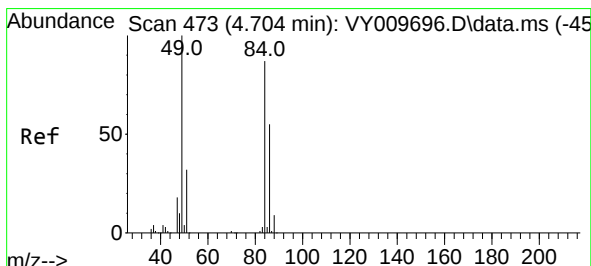
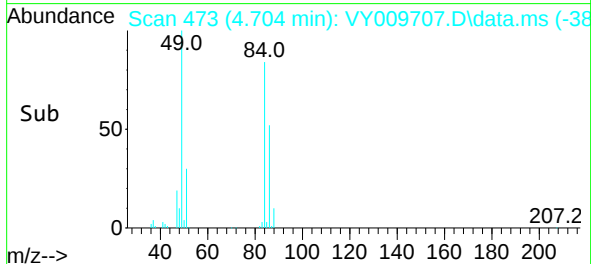
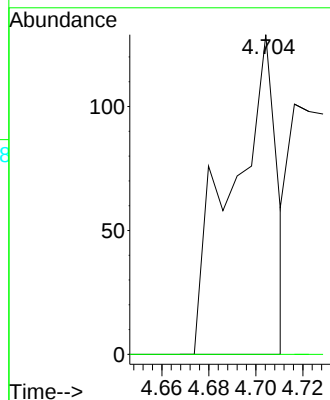
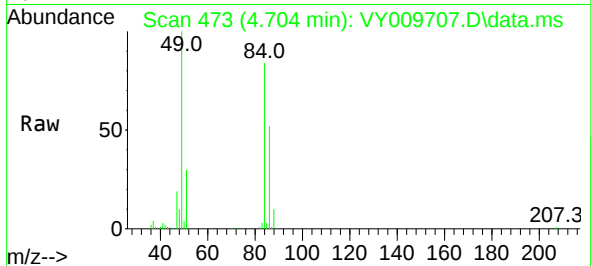




#18
Methyl Acetate
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.238 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

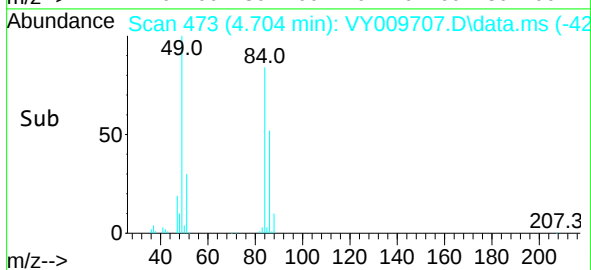
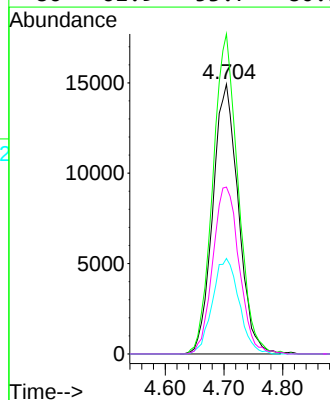
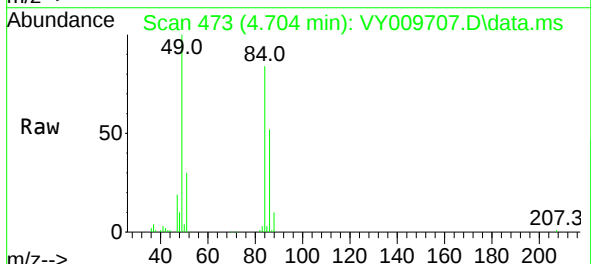
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

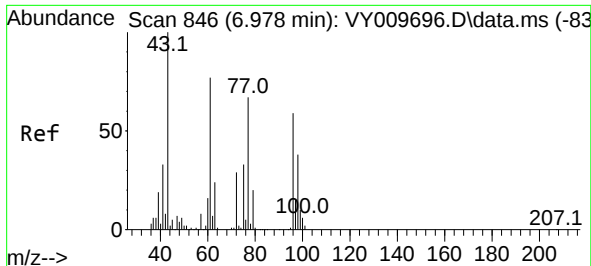
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 13.971 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion: 84 Resp: 45060
Ion Ratio Lower Upper
84 100
49 118.6 114.4 171.6
51 35.4 35.3 52.9
86 61.9 53.7 80.5

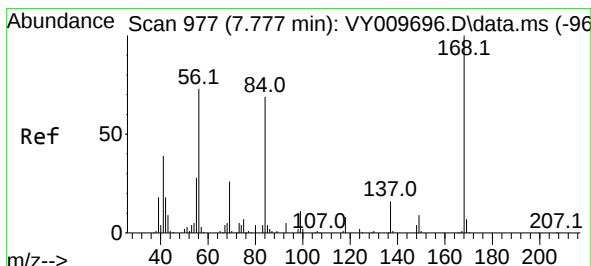
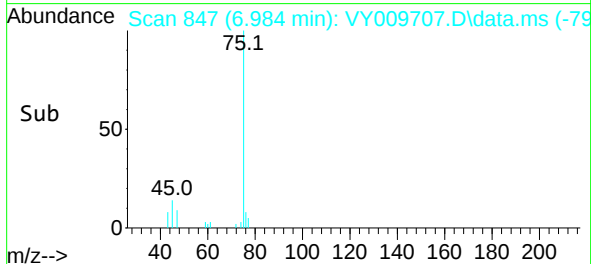
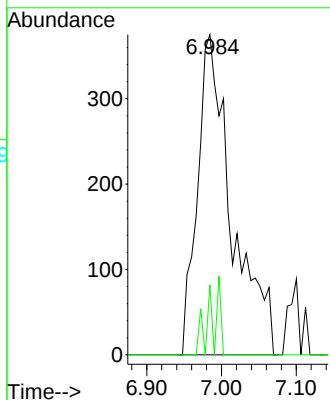
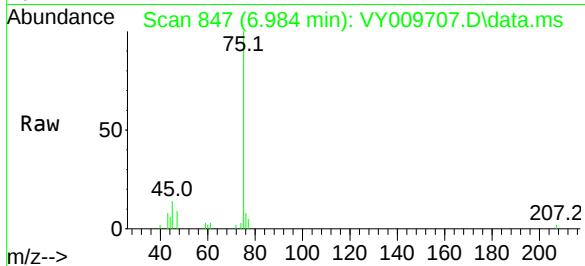




#25
2-Butanone
Concen: 1.817 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

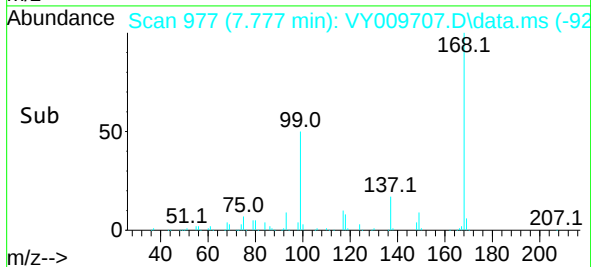
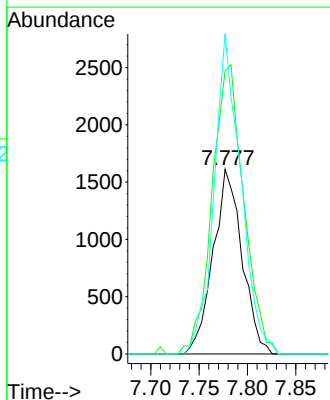
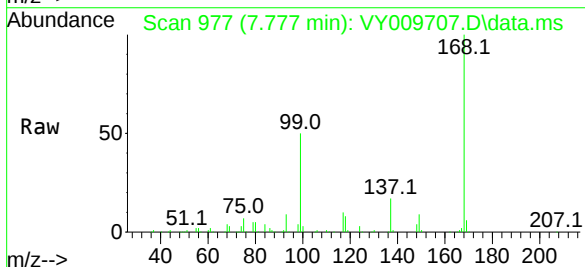
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

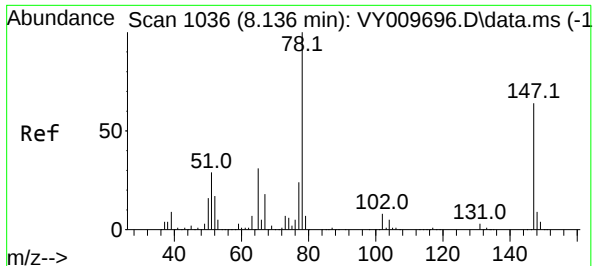
Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
72 21.9 17.7 26.5



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion: 56 Resp: 3359
Ion Ratio Lower Upper
56 100
69 153.2 26.7 40.1#
84 173.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.569 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009707.D

Acq: 26 Jul 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

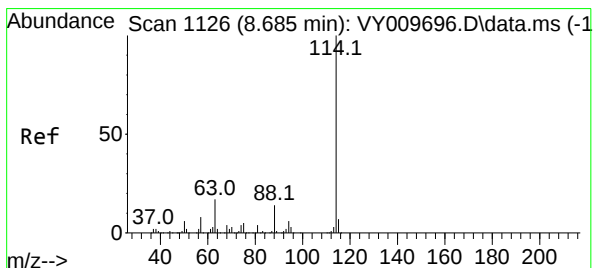
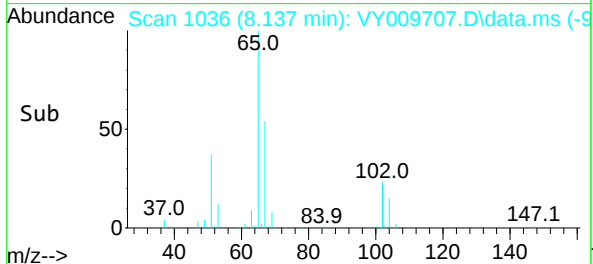
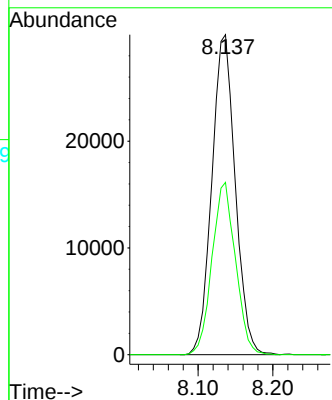
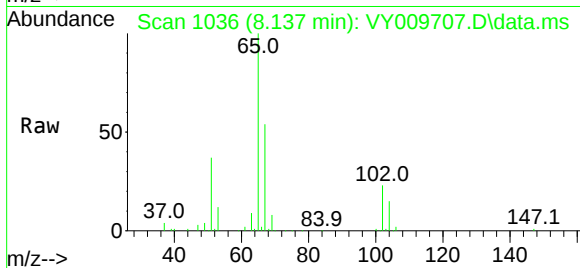
SB-B

Tgt Ion: 65 Resp: 65240

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009707.D

Acq: 26 Jul 2022 17:56

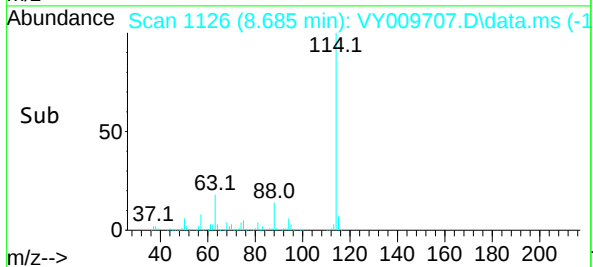
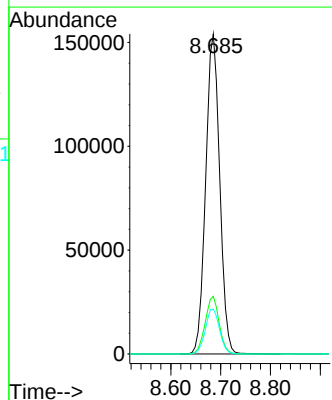
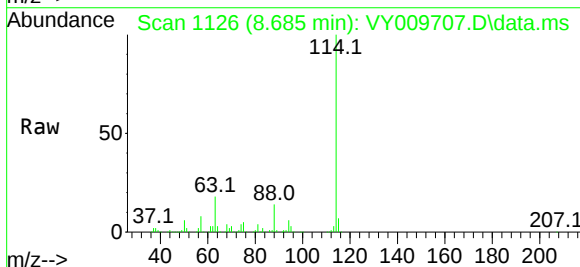
Tgt Ion: 114 Resp: 299887

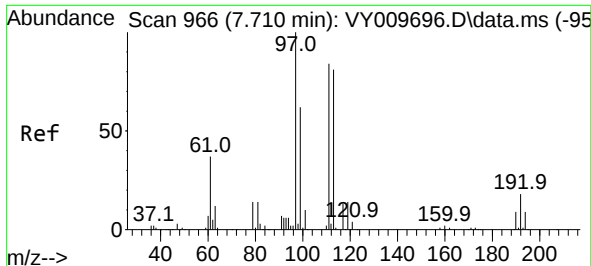
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.1 0.0 31.8

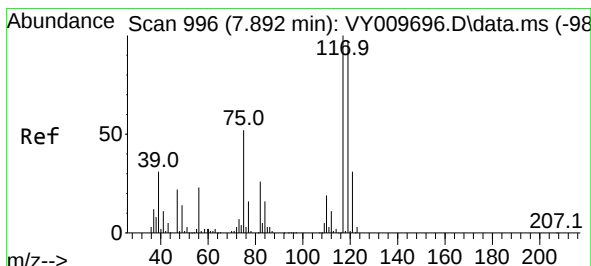
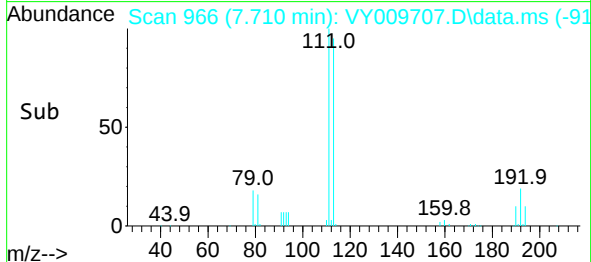
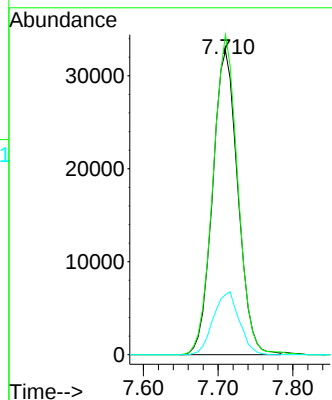
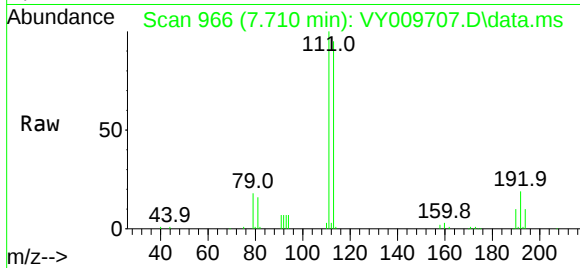




#35
Dibromofluoromethane
Concen: 47.159 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

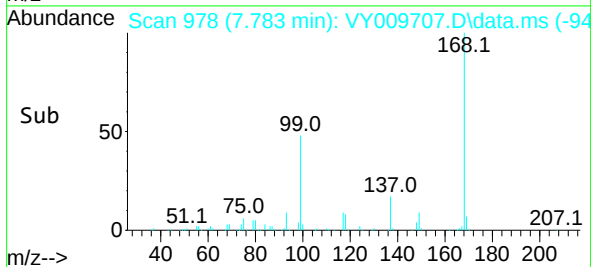
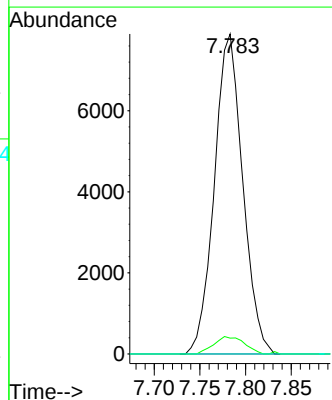
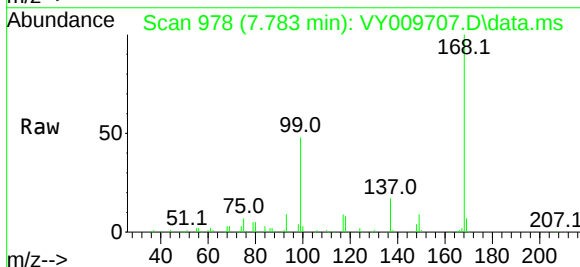
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

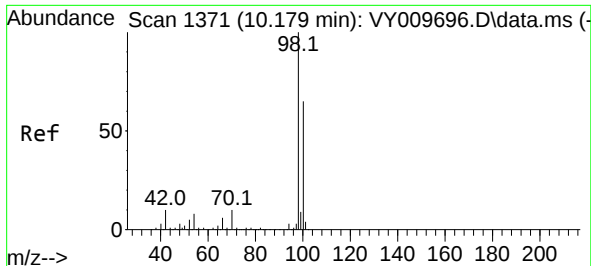
Tgt Ion:113 Resp: 76917
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.2 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion:117 Resp: 17037
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#

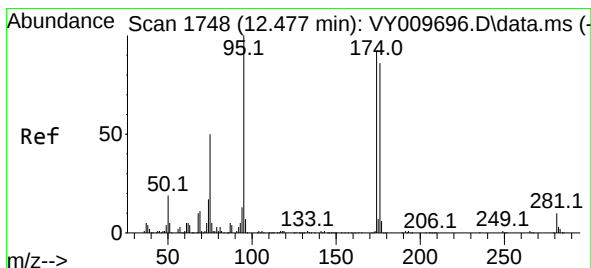
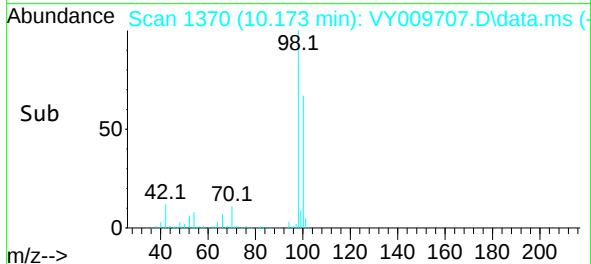
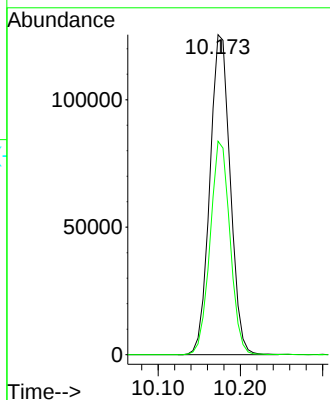
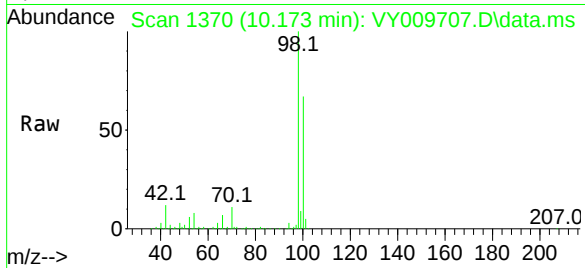




#50
Toluene-d8
Concen: 45.059 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

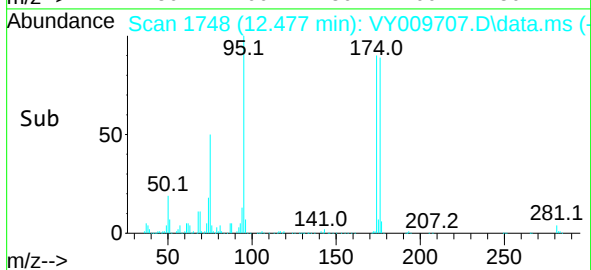
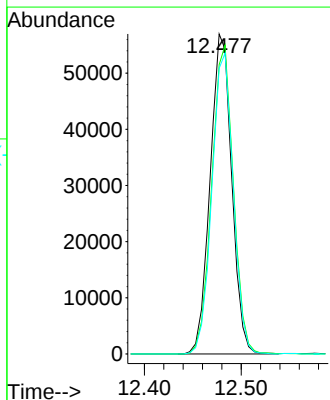
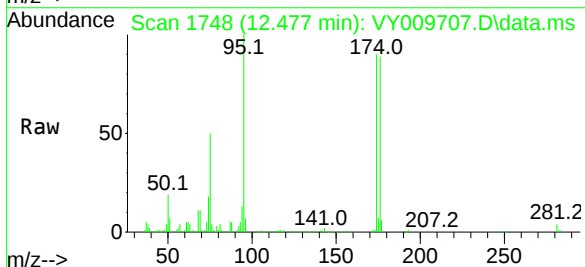
Instrument :
MSVOA_Y
ClientSampleId :
SB-B

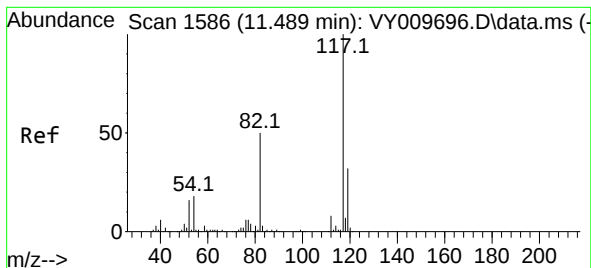
Tgt Ion: 98 Resp: 216024
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion: 95 Resp: 88054
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 92.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009707.D

Acq: 26 Jul 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-B

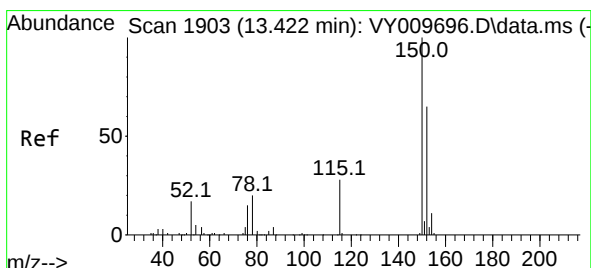
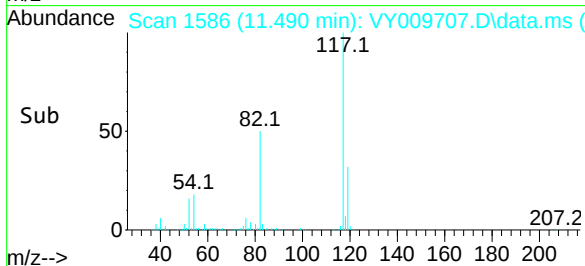
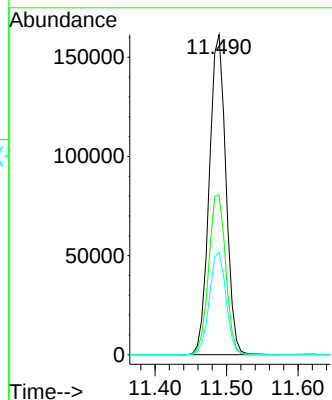
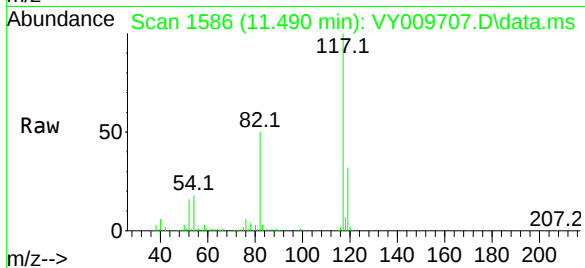
Tgt Ion:117 Resp: 260551

Ion Ratio Lower Upper

117 100

82 49.8 43.0 64.4

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009707.D

Acq: 26 Jul 2022 17:56

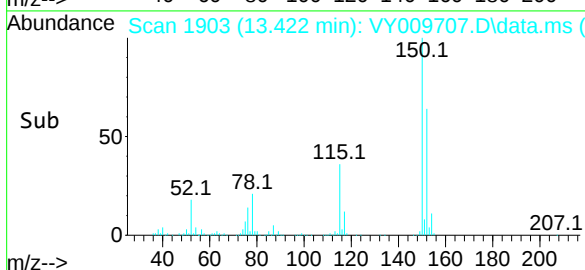
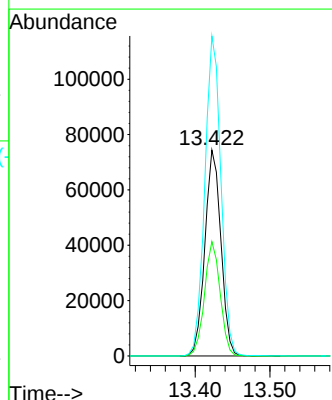
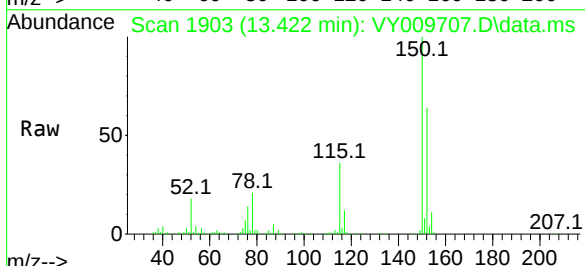
Tgt Ion:152 Resp: 110846

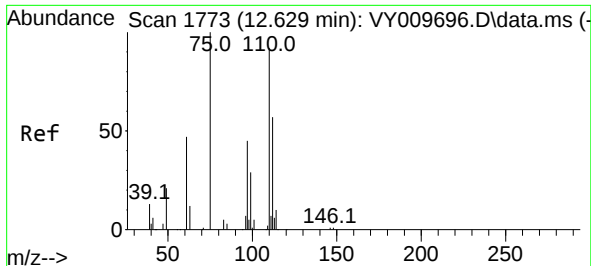
Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 156.0 0.0 347.6

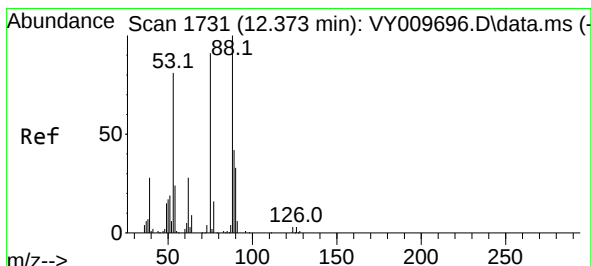
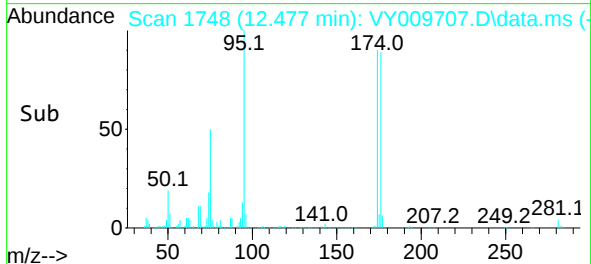
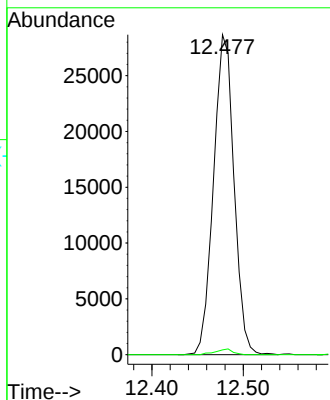
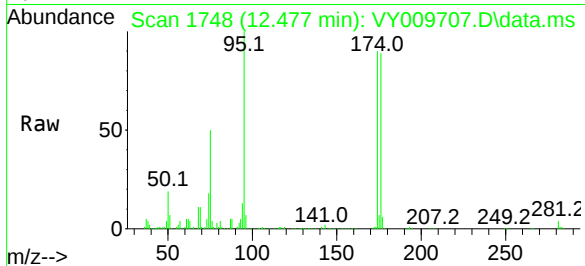




#76
1,2,3-Trichloropropane
Concen: 43.404 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-B

Tgt Ion: 75 Resp: 44689
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.517 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009707.D
Acq: 26 Jul 2022 17:56

Tgt Ion: 75 Resp: 44689
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.0 37.0 55.4#

