

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009938.D
 Acq On : 10 Aug 2022 00:07
 Operator : KP/MD
 Sample : N4017-01
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB08

Quant Time: Aug 10 01:34:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

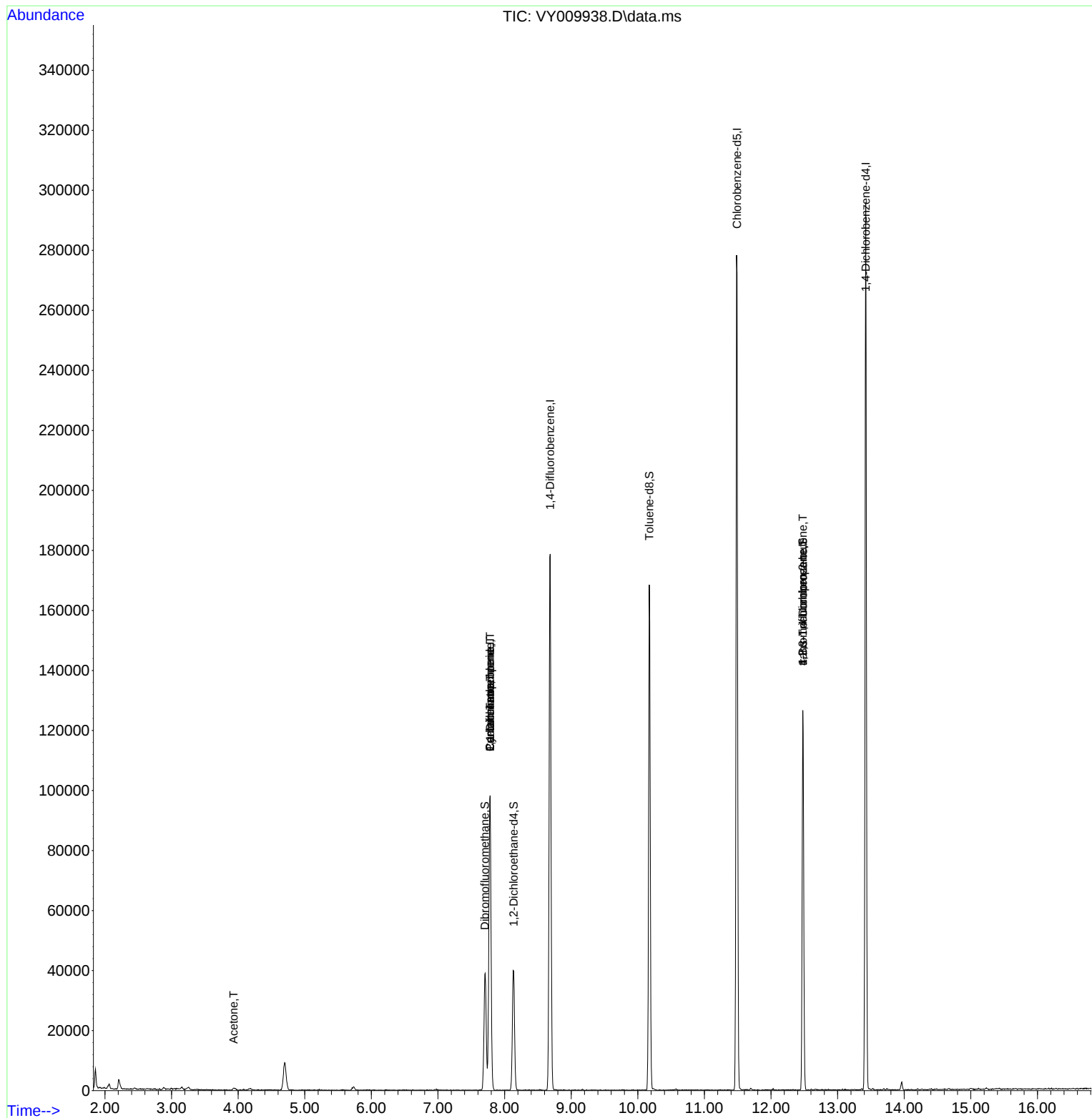
Internal Standards						
1) Pentafluorobenzene	7.783	168	74921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	152953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	30262	51.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.600%
35) Dibromofluoromethane	7.704	113	27640	33.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.580%
50) Toluene-d8	10.173	98	106901	41.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.680%
62) 4-Bromofluorobenzene	12.477	95	35186	30.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.700%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	1267	5.995	ug/l	90
18) Methyl Acetate	4.466	43	417	Below Cal	#	52
20) Methylene Chloride	4.704	84	6402	Below Cal		95
31) Cyclohexane	7.783	56	1737	1.194	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	5850	4.175	ug/l #	48
38) Carbon Tetrachloride	7.783	117	7523	5.410	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	18494	24.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	18494	49.640	ug/l #	14

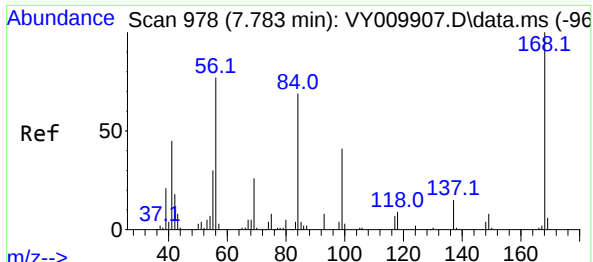
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 08 17:55:50 2022
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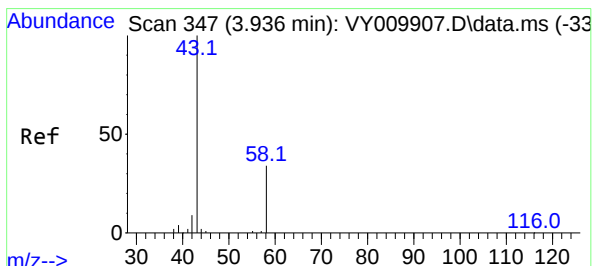
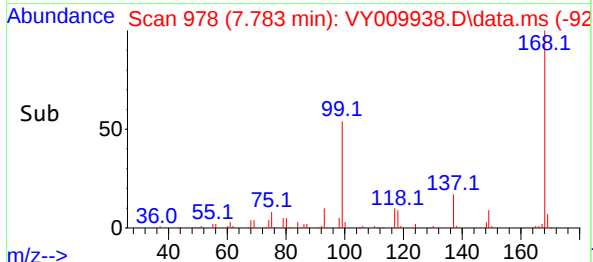
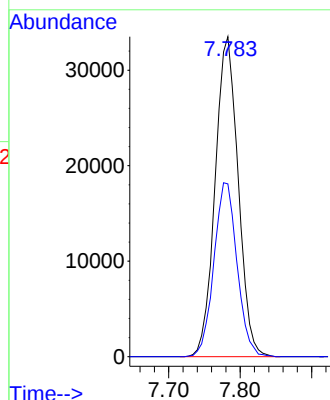
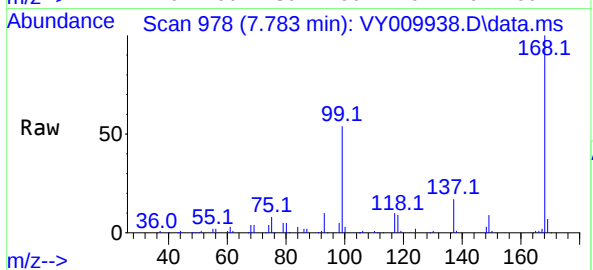




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

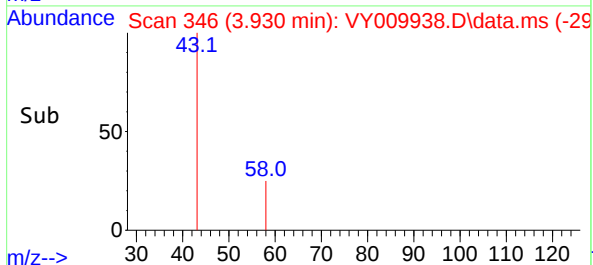
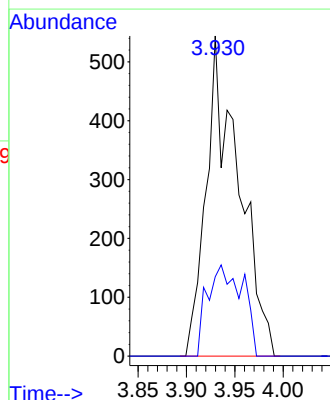
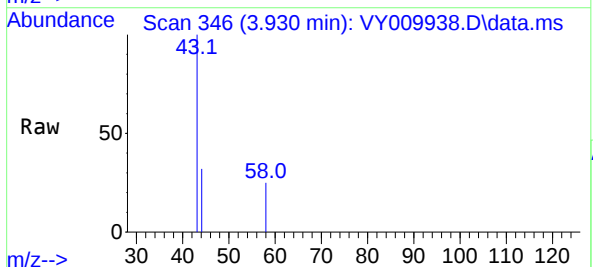
Instrument :
MSVOA_Y
ClientSampleId :
SB08

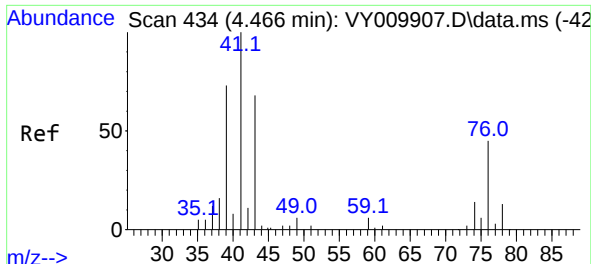
Tgt Ion:168 Resp: 74921
Ion Ratio Lower Upper
168 100
99 54.0 42.1 63.1



#16
Acetone
Concen: 5.995 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 24.8 24.0 36.0

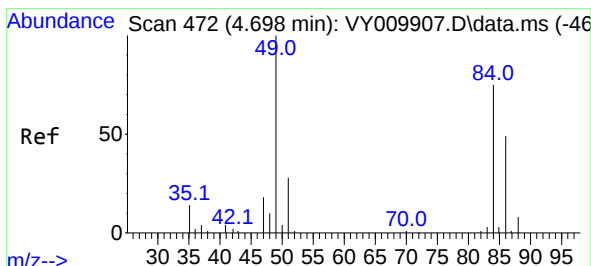
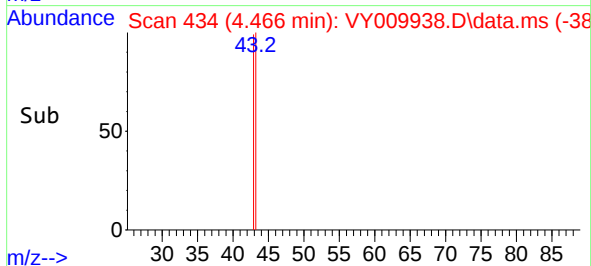
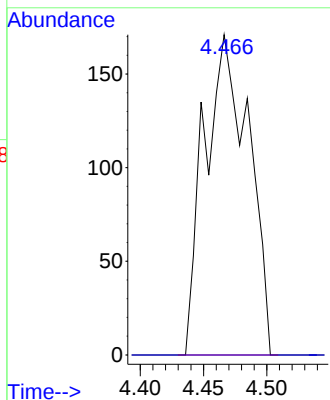
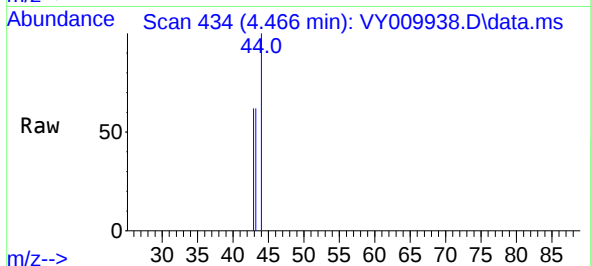




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 417
Delta R.T. 0.000 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

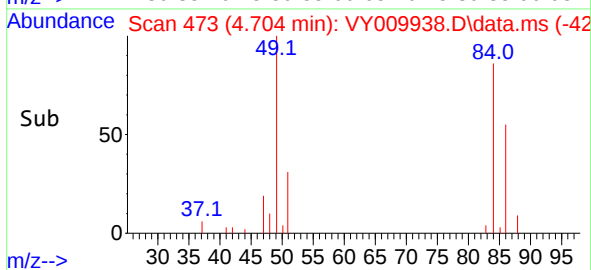
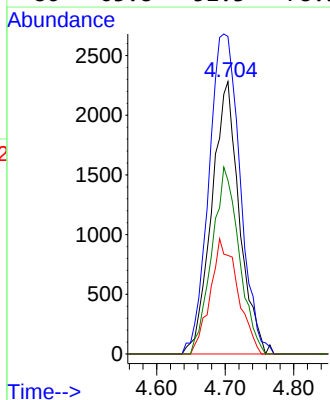
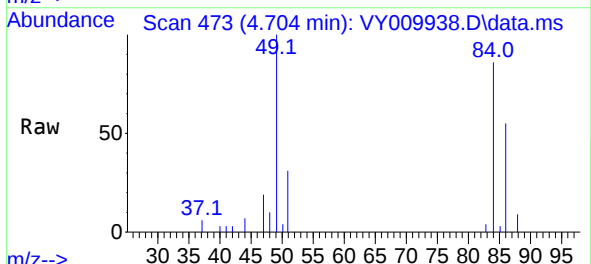
Instrument :
MSVOA_Y
ClientSampleId :
SB08

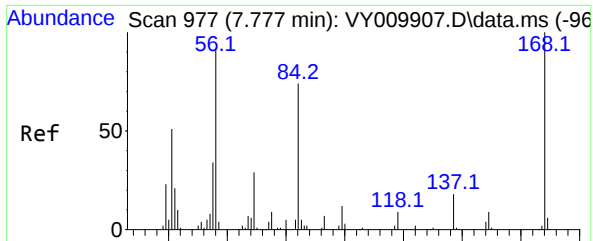
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

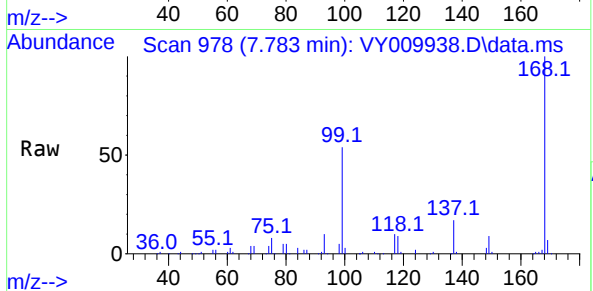
Tgt Ion: 84 Resp: 6402
Ion Ratio Lower Upper
84 100
49 116.6 98.2 147.4
51 36.2 33.4 50.0
86 63.8 52.3 78.5



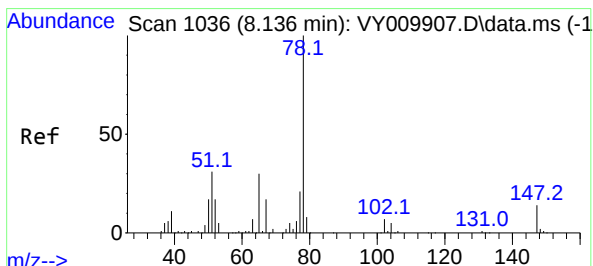
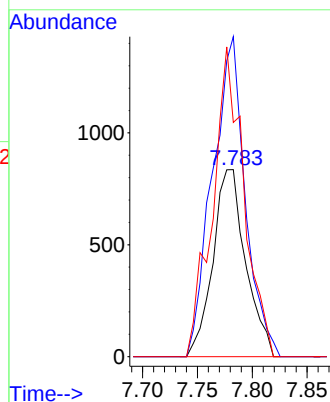
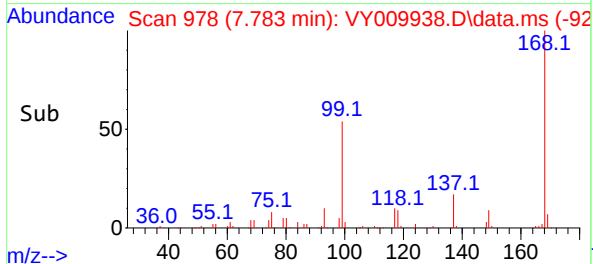


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

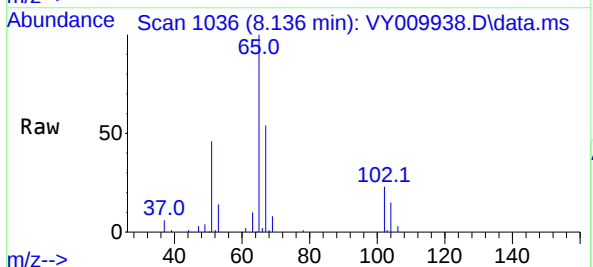
Instrument :
MSVOA_Y
ClientSampleId :
SB08



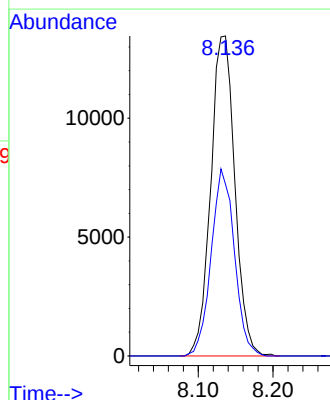
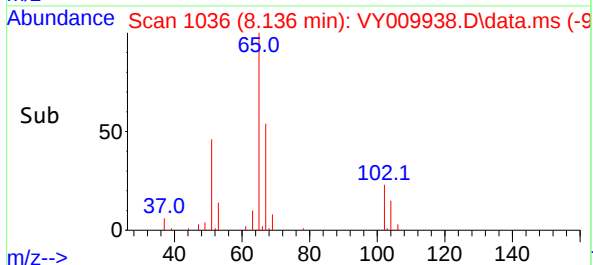
Tgt Ion: 56 Resp: 1737
Ion Ratio Lower Upper
56 100
69 171.1 26.0 39.0#
84 125.2 69.5 104.3#

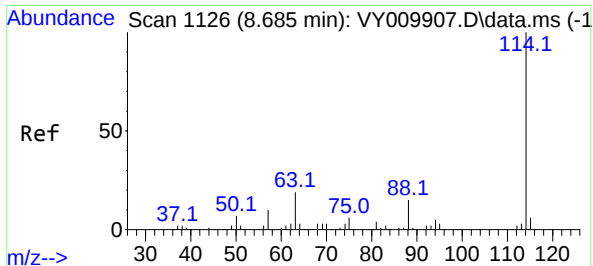


#33
1,2-Dichloroethane-d4
Concen: 51.803 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07



Tgt Ion: 65 Resp: 30262
Ion Ratio Lower Upper
65 100
67 56.4 0.0 108.4

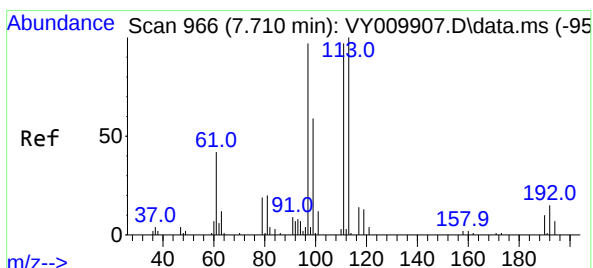
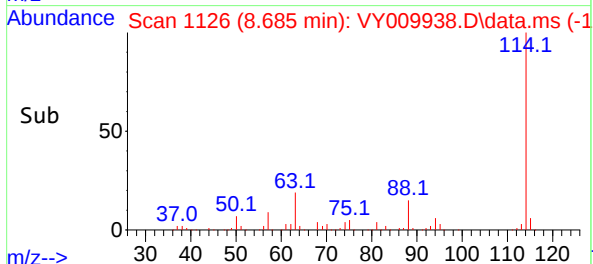
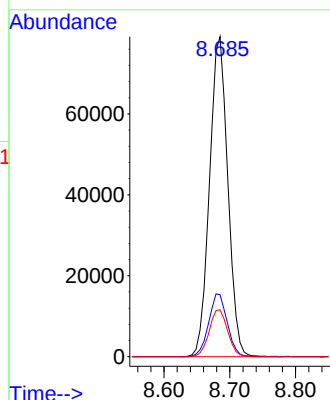
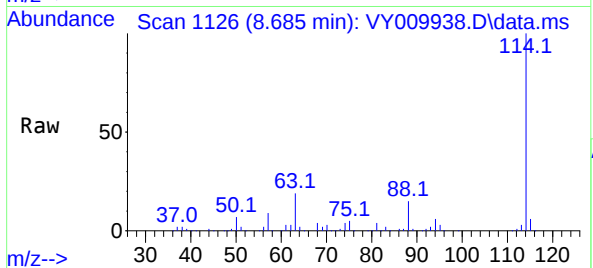




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

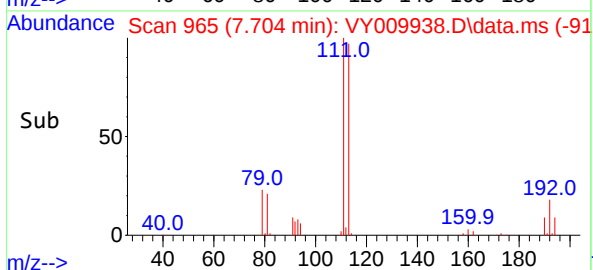
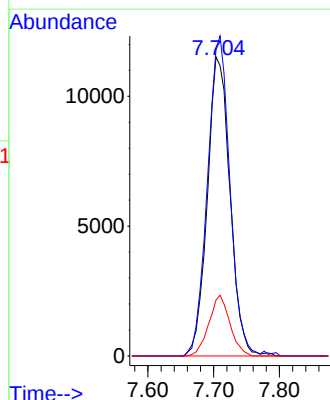
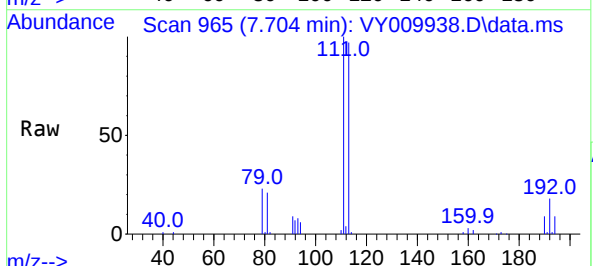
Instrument :
MSVOA_Y
ClientSampleId :
SB08

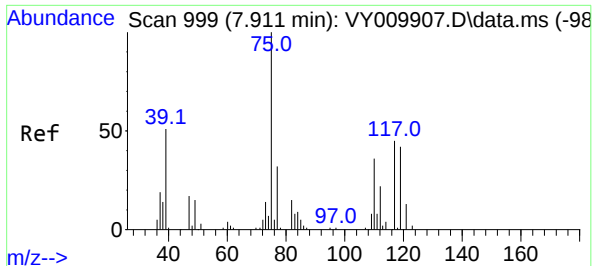
Tgt Ion:114 Resp: 152953
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.0
88 14.6 0.0 30.0



#35
Dibromofluoromethane
Concen: 33.289 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.005 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

Tgt Ion:113 Resp: 27640
Ion Ratio Lower Upper
113 100
111 105.4 80.6 120.8
192 18.8 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.175 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009938.D

Acq: 10 Aug 2022 00:07

Instrument :

MSVOA_Y

ClientSampleId :

SB08

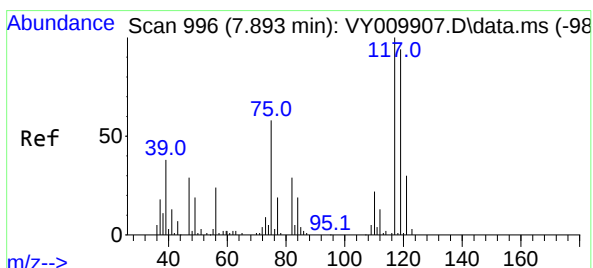
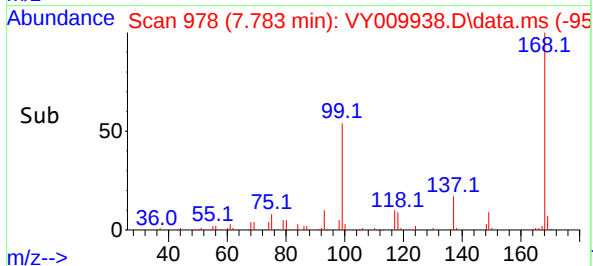
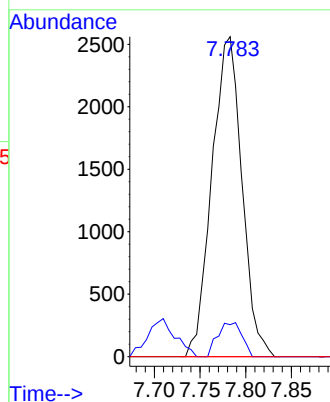
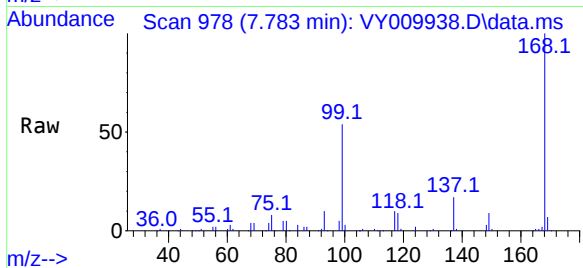
Tgt Ion: 75 Resp: 5850

Ion Ratio Lower Upper

75 100

110 8.6 18.6 56.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.410 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY009938.D

Acq: 10 Aug 2022 00:07

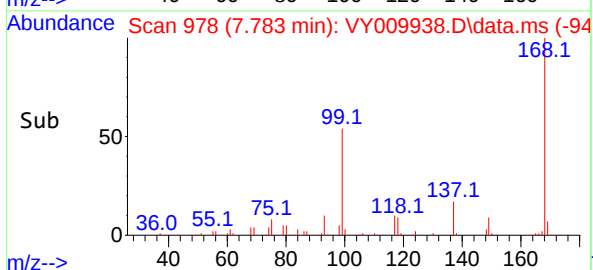
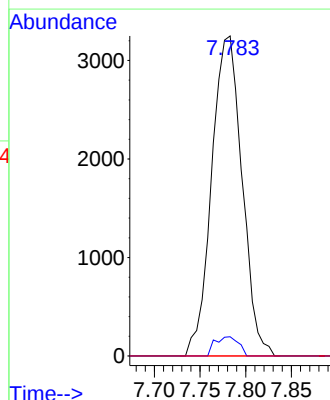
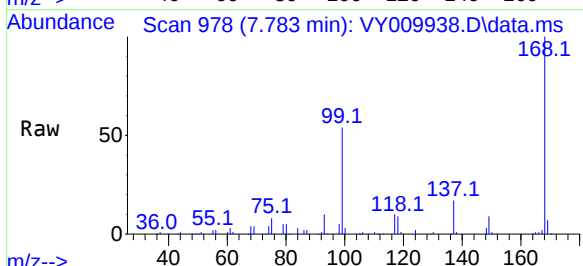
Tgt Ion: 117 Resp: 7523

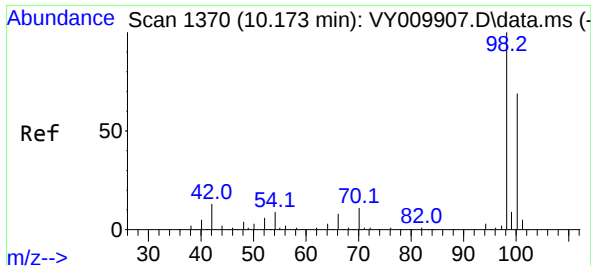
Ion Ratio Lower Upper

117 100

119 6.0 75.9 113.9#

121 0.0 24.9 37.3#

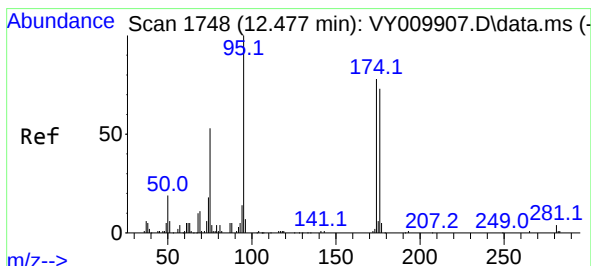
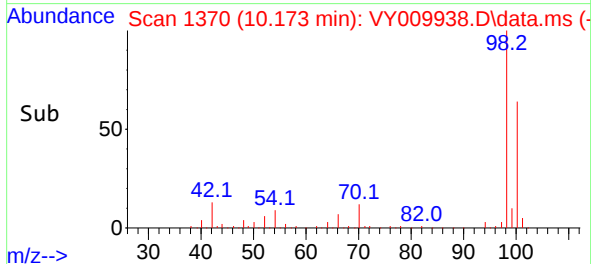
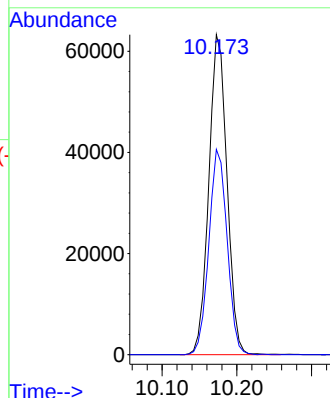
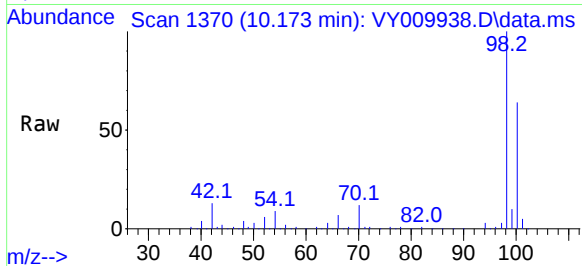




#50
Toluene-d8
Concen: 41.339 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

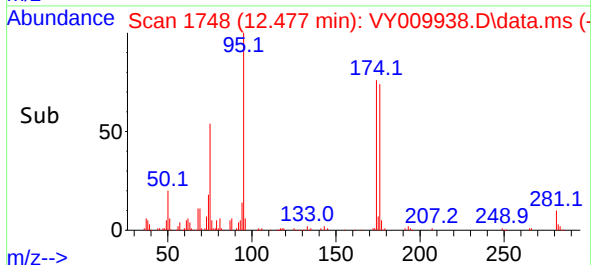
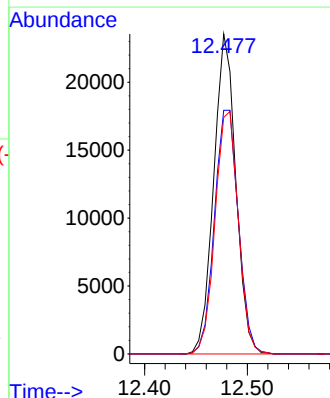
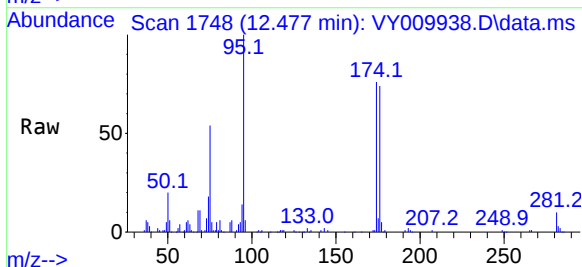
Instrument :
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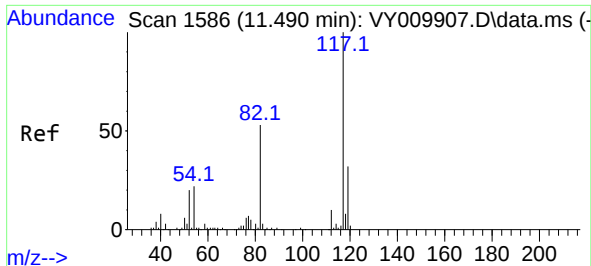
Tgt Ion: 98 Resp: 106901
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.350 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

Tgt Ion: 95 Resp: 35186
Ion Ratio Lower Upper
95 100
174 82.4 0.0 173.8
176 79.4 0.0 167.0

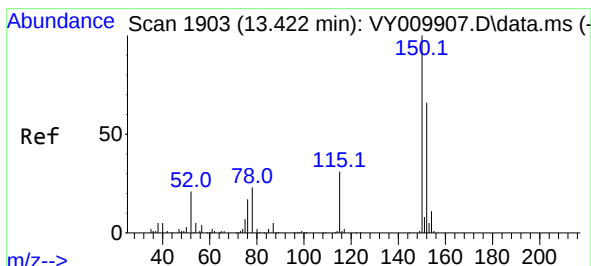
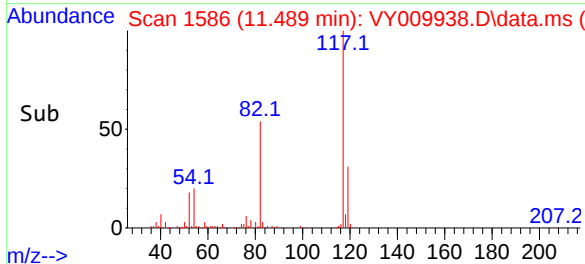
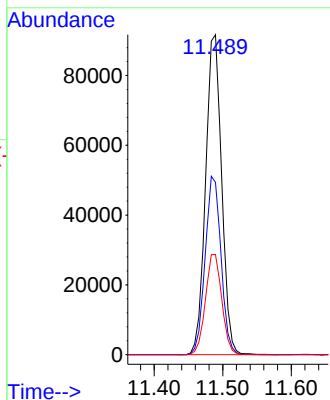
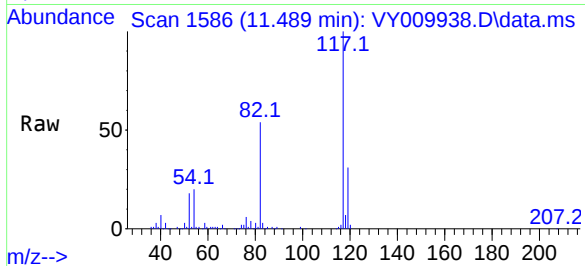




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

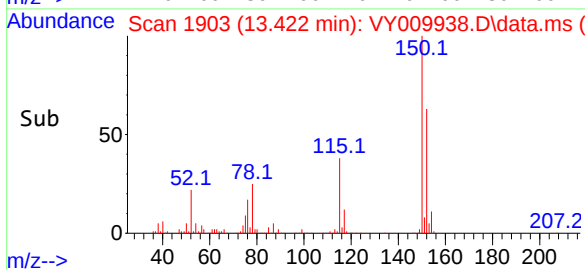
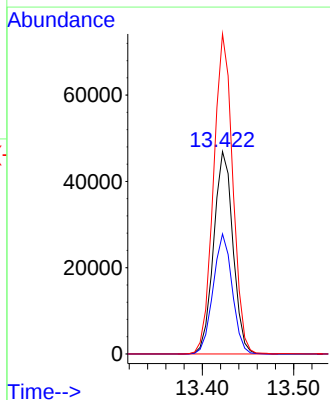
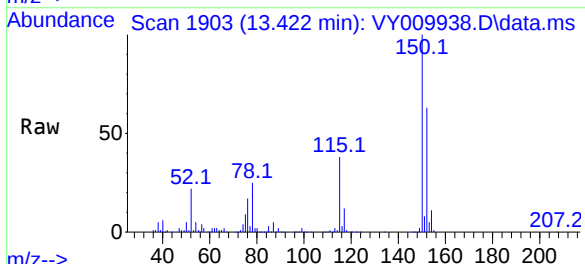
Instrument :
MSVOA_Y
ClientSampleId :
SB08

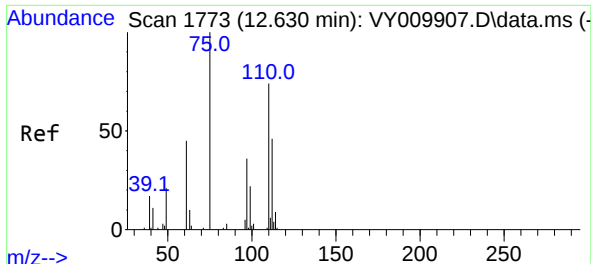
Tgt Ion:117 Resp: 149672
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.6
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

Tgt Ion:152 Resp: 68846
Ion Ratio Lower Upper
152 100
115 58.6 28.6 85.9
150 157.5 0.0 349.8

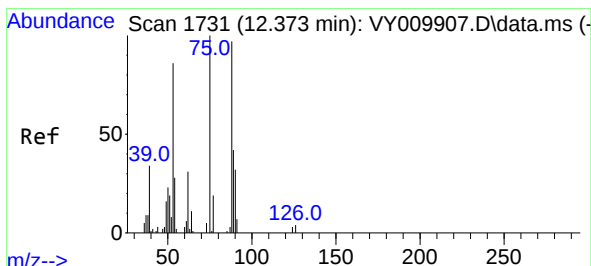
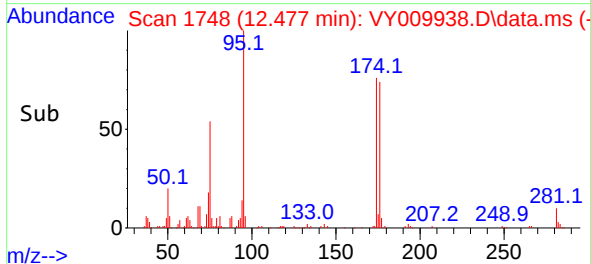
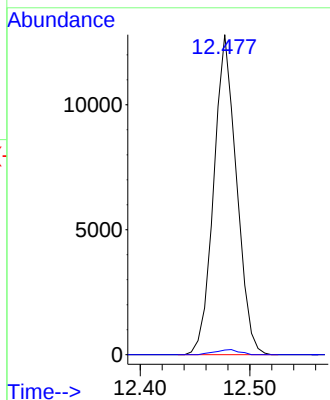
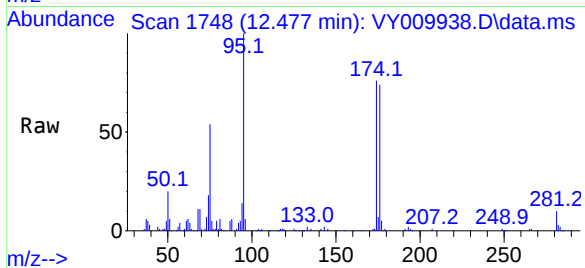




#76
1,2,3-Trichloropropane
Concen: 24.553 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

Instrument :
MSVOA_Y
ClientSampleId :
SB08

Tgt Ion: 75 Resp: 18494
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009938.D
Acq: 10 Aug 2022 00:07

Tgt Ion: 75 Resp: 18494
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.3 38.1 57.1#

