

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011048.D
 Acq On : 21 Oct 2022 14:22
 Operator : KP/MD
 Sample : N5217-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-M1-3.5-4.0

Quant Time: Oct 22 01:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

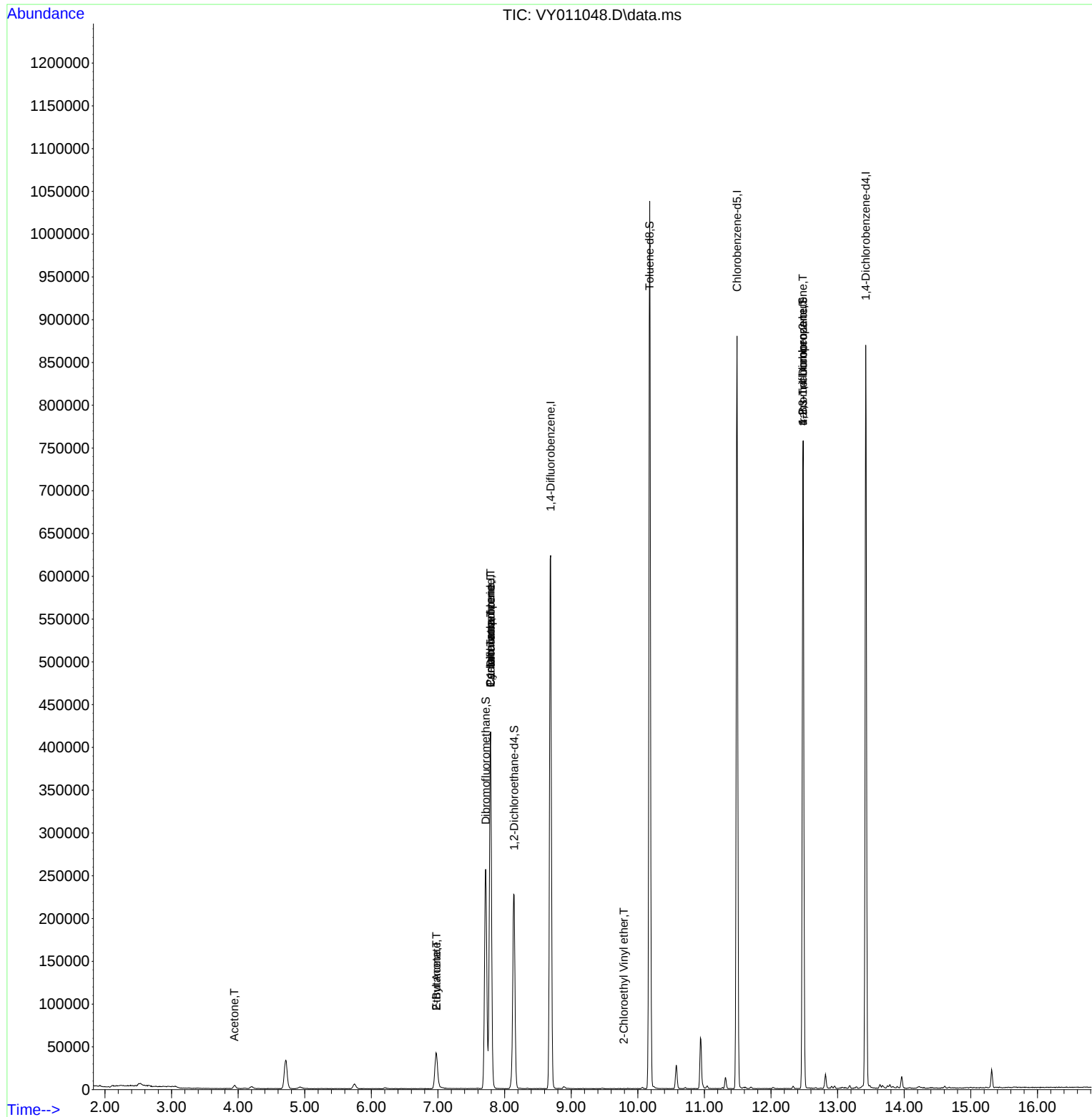
Internal Standards						
1) Pentafluorobenzene	7.789	168	327967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	549390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	482094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	176890	58.552	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.100%			
35) Dibromofluoromethane	7.716	113	186490	61.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.780%			
50) Toluene-d8	10.179	98	674295	58.781	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.560%			
62) 4-Bromofluorobenzene	12.477	95	226945	56.233	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.460%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	2596	Below Cal	#	81
16) Acetone	3.942	43	6654	7.585	ug/l	97
18) Methyl Acetate	4.283	43	48	Below Cal	#	56
25) 2-Butanone	6.978	43	2964	2.228	ug/l	# 80
31) Cyclohexane	7.789	56	6348	1.098	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	24077	4.708	ug/l	# 51
37) Ethyl Acetate	6.978	43	2964	1.047	ug/l	# 3
38) Carbon Tetrachloride	7.789	117	31240	5.917	ug/l	# 15
58) 2-Chloroethyl Vinyl ether	9.789	63	26	16.972	ug/l	# 48
76) 1,2,3-Trichloropropane	12.477	75	114122	45.326	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	114122	97.483	ug/l	# 7

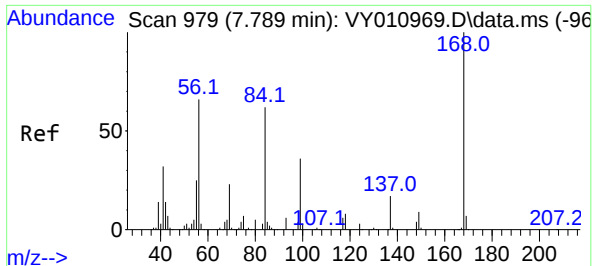
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
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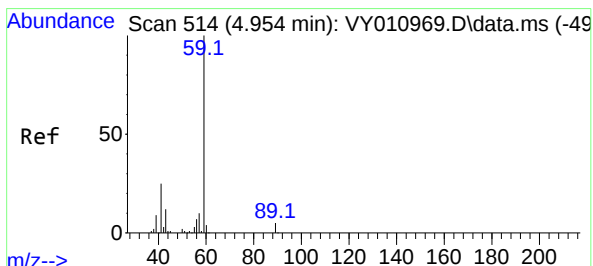
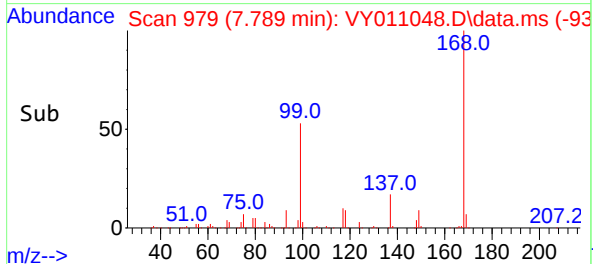
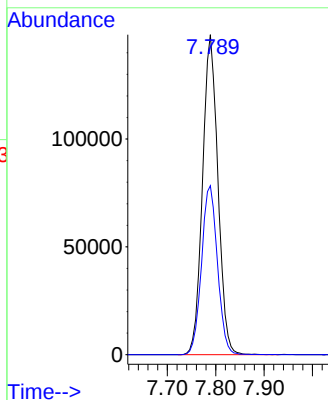
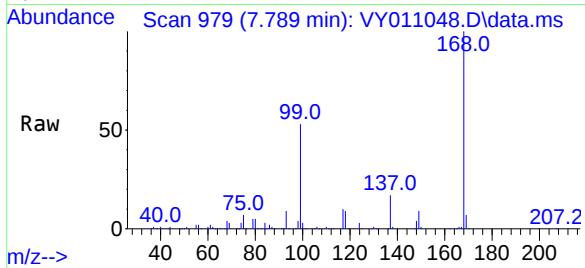




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

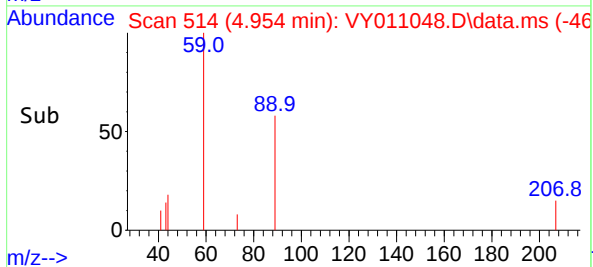
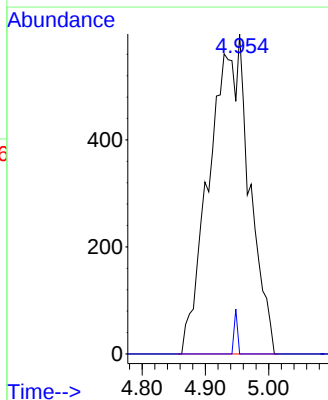
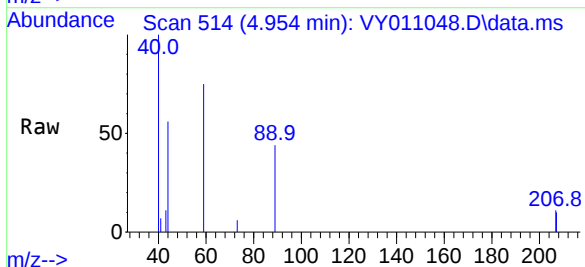
Instrument :
MSVOA_Y
ClientSampleId :
SB-M1-3.5-4.0

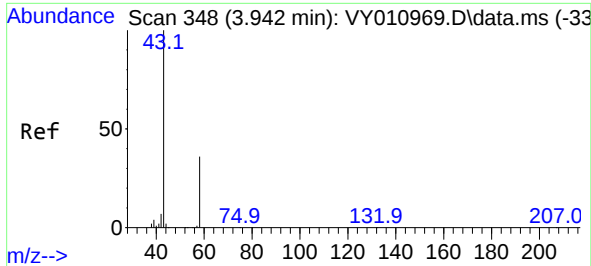
Tgt Ion:168 Resp: 327967
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 59 Resp: 2596
Ion Ratio Lower Upper
59 100
57 1.2 6.4 9.6#





#16

Acetone

Concen: 7.585 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY011048.D

Acq: 21 Oct 2022 14:22

Instrument :

MSVOA_Y

ClientSampleId :

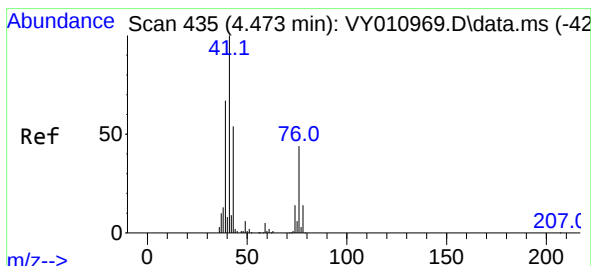
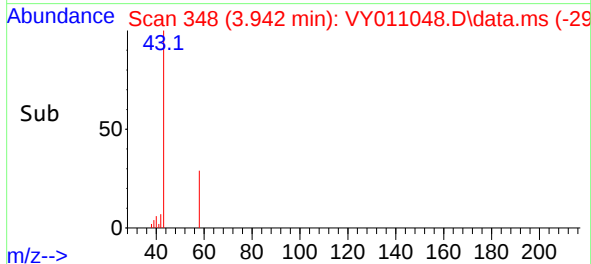
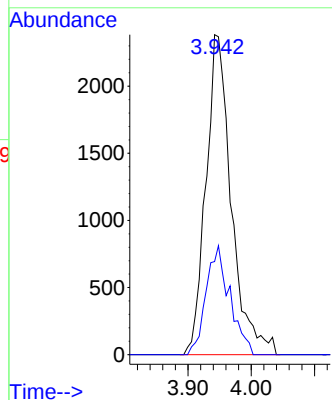
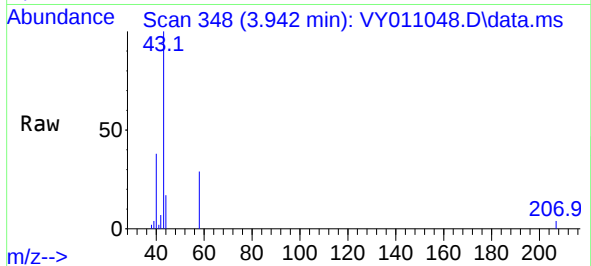
SB-M1-3.5-4.0

Tgt Ion: 43 Resp: 6654

Ion Ratio Lower Upper

43 100

58 29.1 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.283 min Scan# 404

Delta R.T. -0.190 min

Lab File: VY011048.D

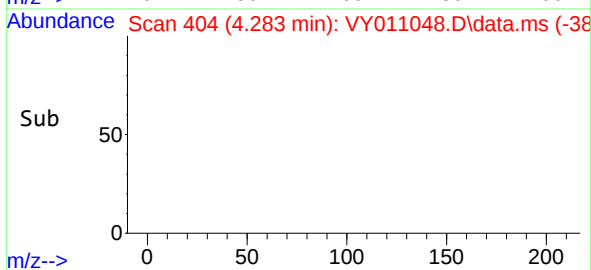
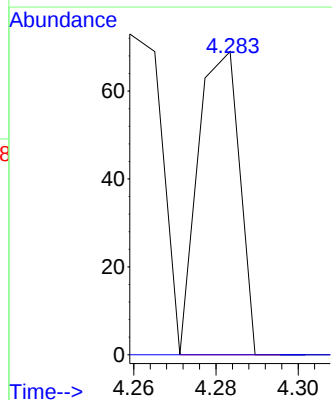
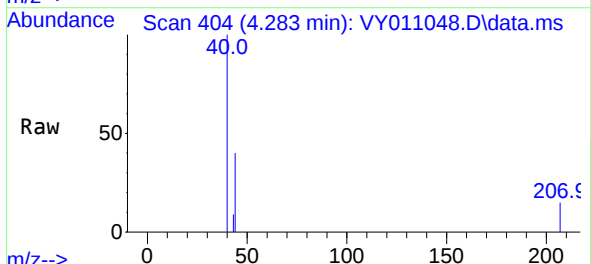
Acq: 21 Oct 2022 14:22

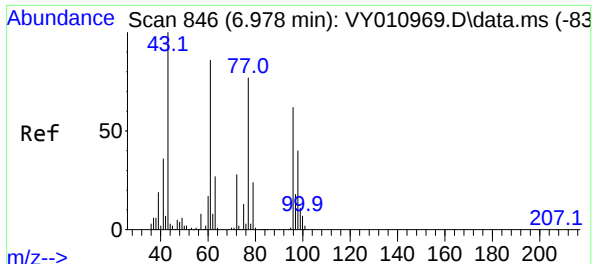
Tgt Ion: 43 Resp: 48

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

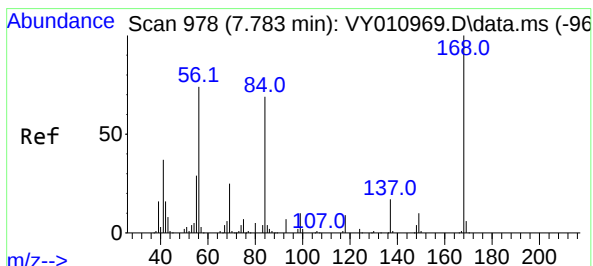
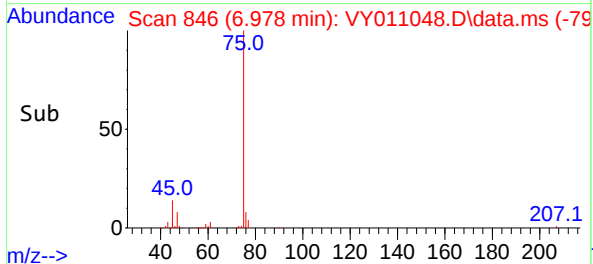
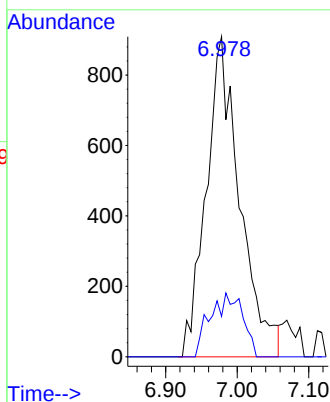
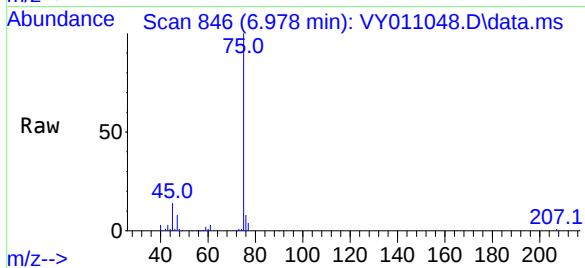




#25
2-Butanone
Concen: 2.228 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

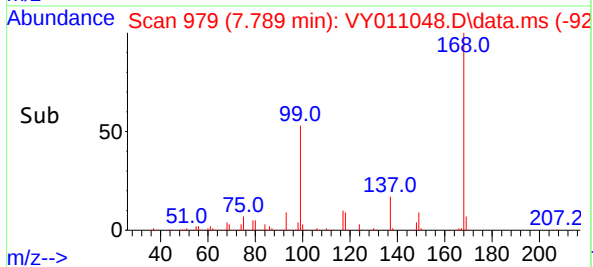
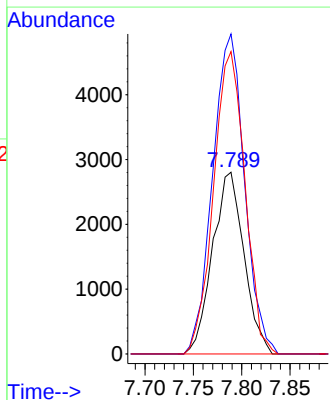
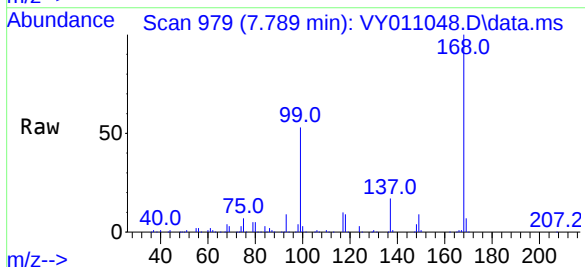
Instrument :
MSVOA_Y
ClientSampleId :
SB-M1-3.5-4.0

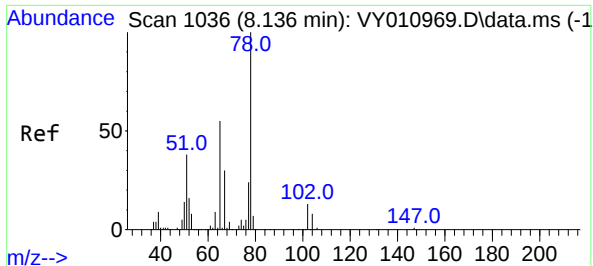
Tgt Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
72 12.7 17.7 26.5#



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 56 Resp: 6348
Ion Ratio Lower Upper
56 100
69 176.0 26.7 40.1#
84 172.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.552 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011048.D

Acq: 21 Oct 2022 14:22

Instrument :

MSVOA_Y

ClientSampleId :

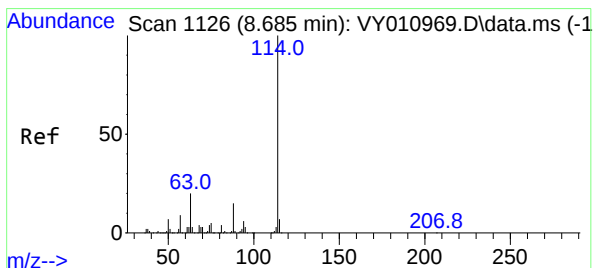
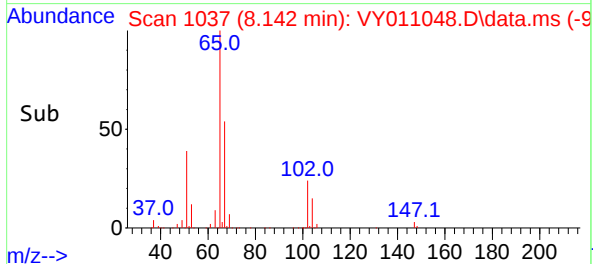
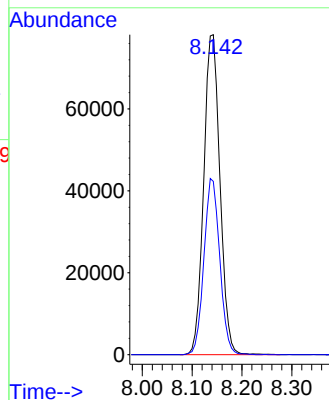
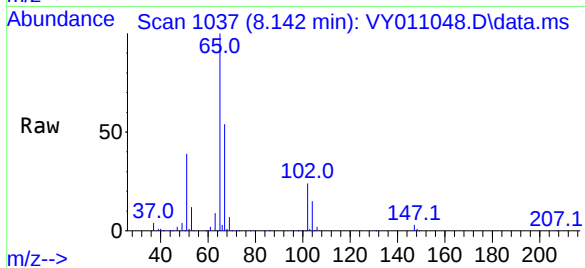
SB-M1-3.5-4.0

Tgt Ion: 65 Resp: 176890

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011048.D

Acq: 21 Oct 2022 14:22

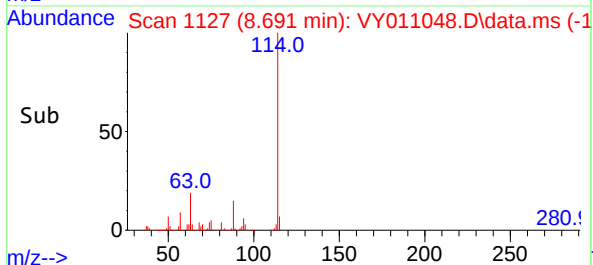
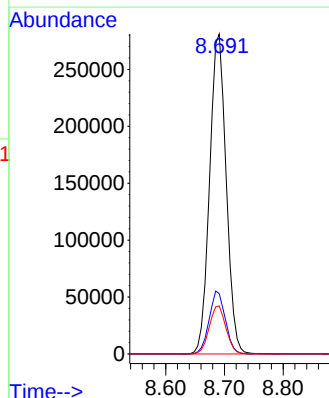
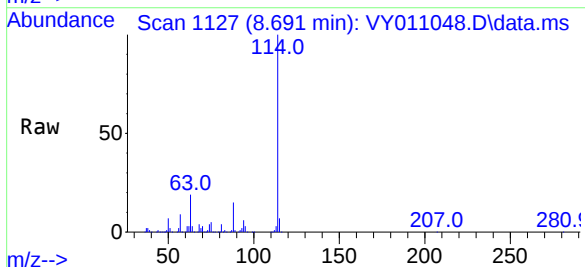
Tgt Ion: 114 Resp: 549390

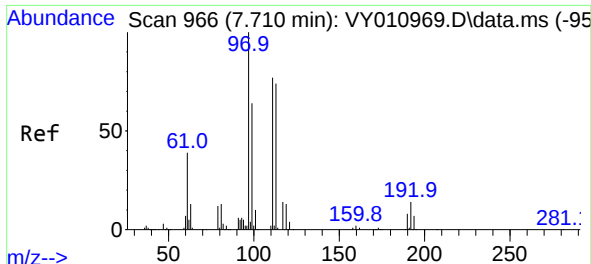
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.0 0.0 31.8

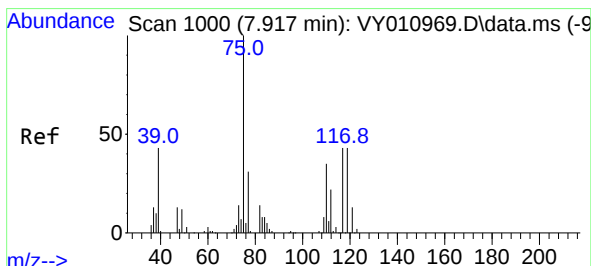
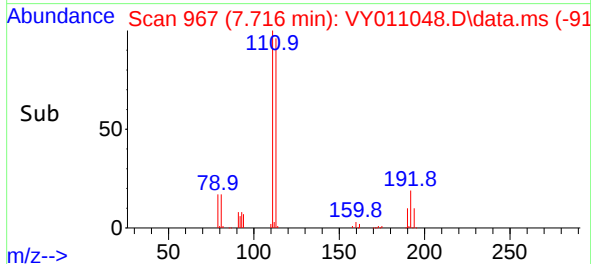
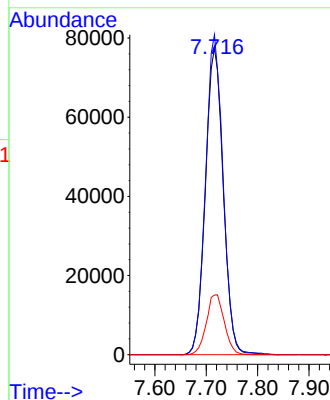
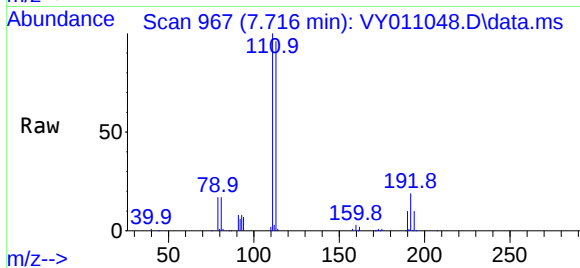




#35
Dibromofluoromethane
Concen: 61.386 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

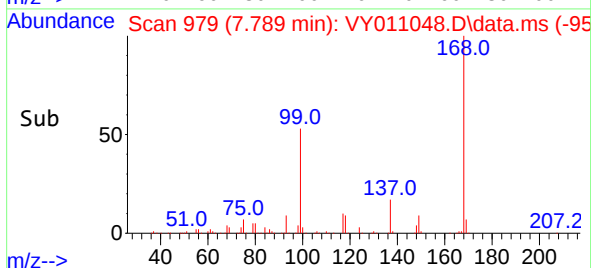
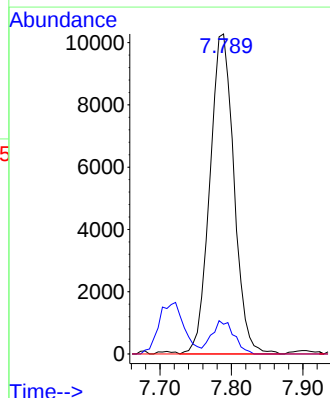
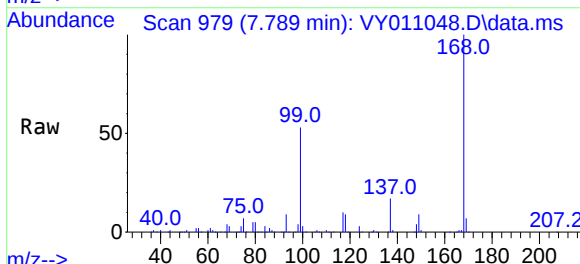
Instrument :
MSVOA_Y
ClientSampleId :
SB-M1-3.5-4.0

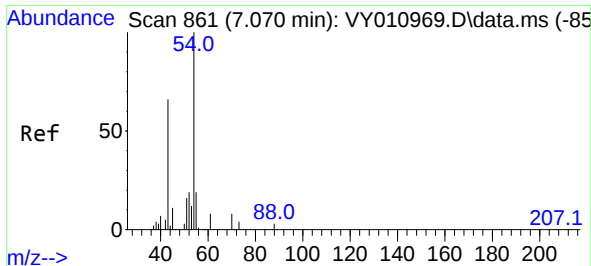
Tgt Ion:113 Resp: 186490
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 75 Resp: 24077
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

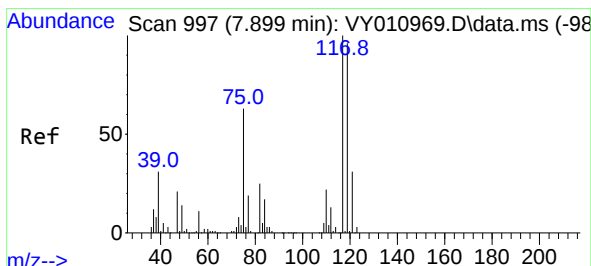
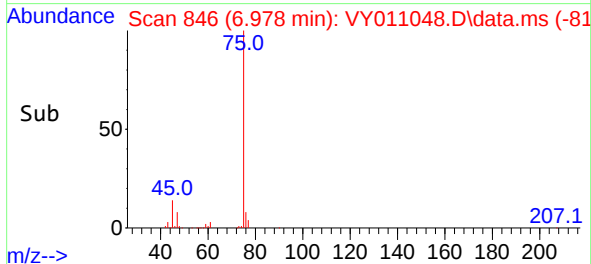
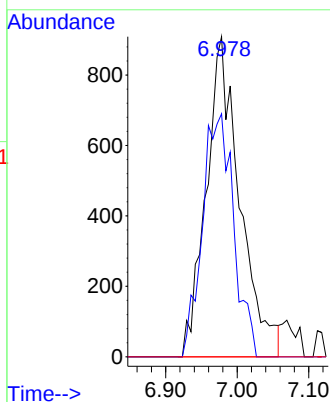
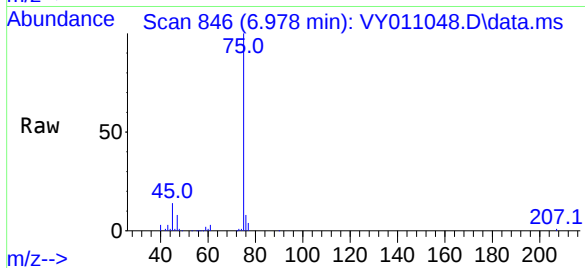




#37
Ethyl Acetate
Concen: 1.047 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.092 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

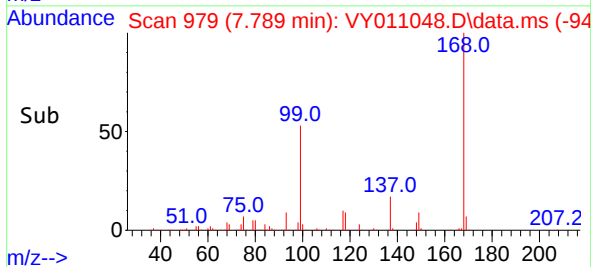
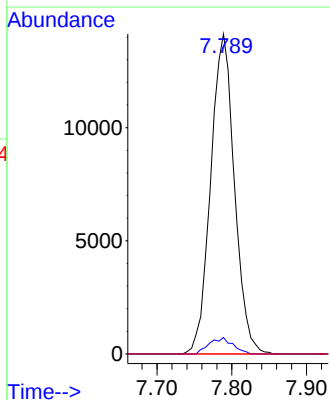
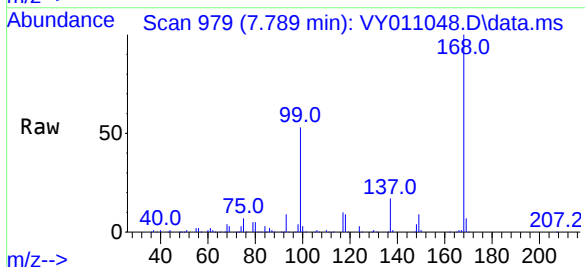
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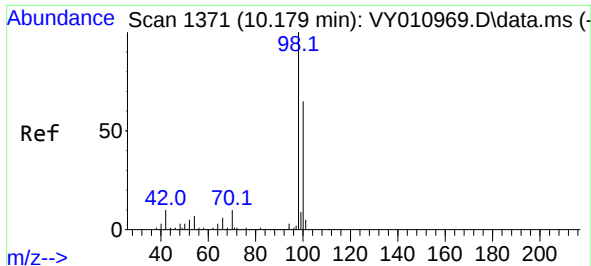
Tgt Ion: 43 Resp: 2964
Ion Ratio Lower Upper
43 100
61 70.6 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 117 Resp: 31240
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

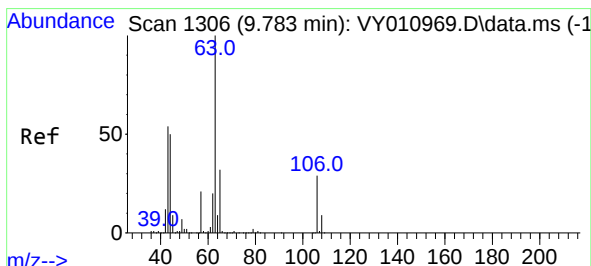
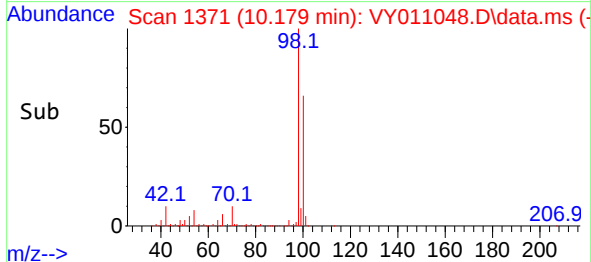
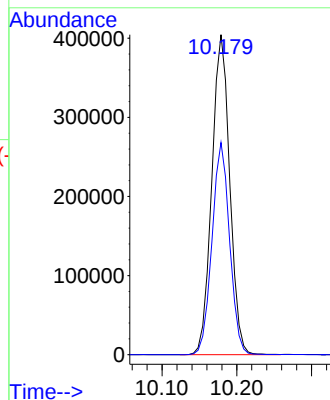
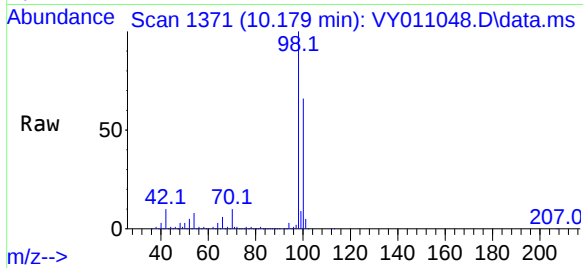




#50
Toluene-d8
Concen: 58.781 ug/l
RT: 10.179 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

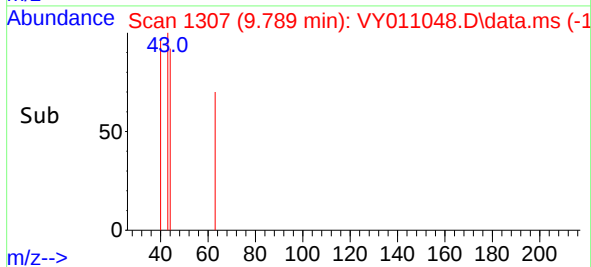
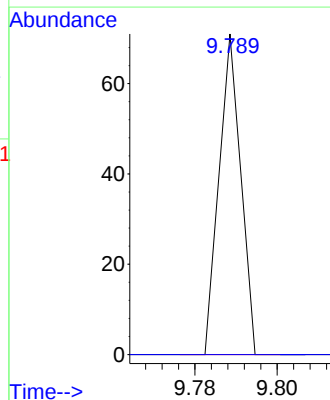
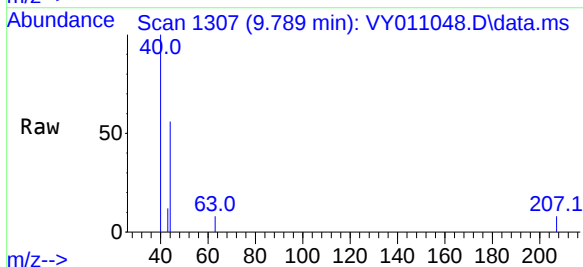
Instrument :
MSVOA_Y
ClientSampleId :
SB-M1-3.5-4.0

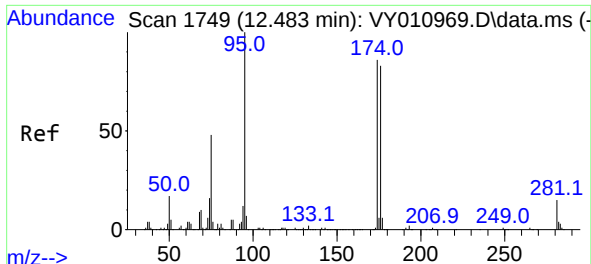
Tgt Ion: 98 Resp: 674295
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 16.972 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

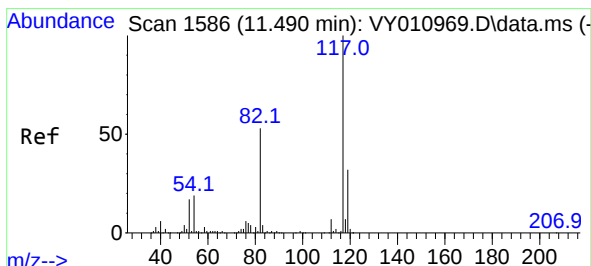
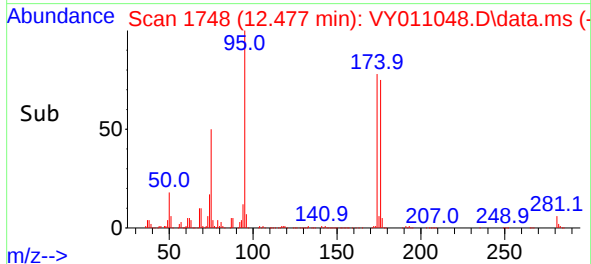
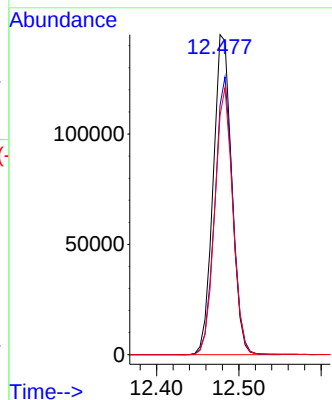
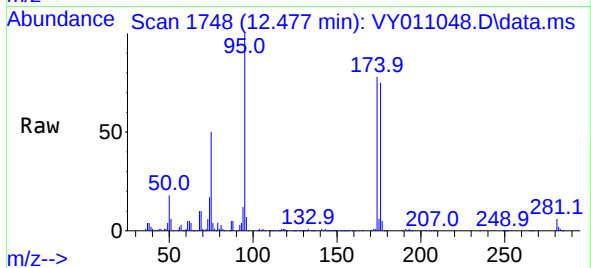




#62
4-Bromofluorobenzene
Concen: 56.233 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

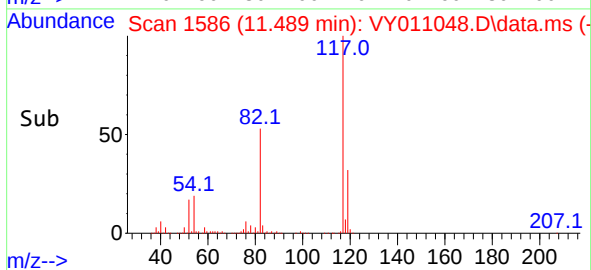
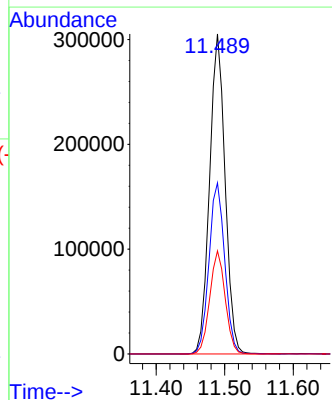
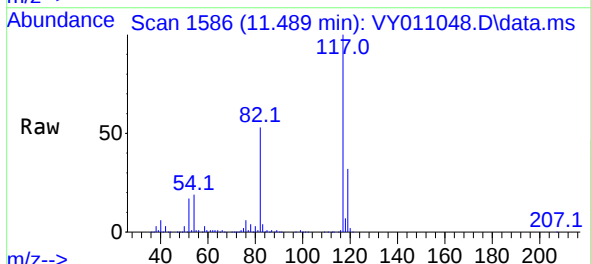
Instrument :
MSVOA_Y
ClientSampleId :
SB-M1-3.5-4.0

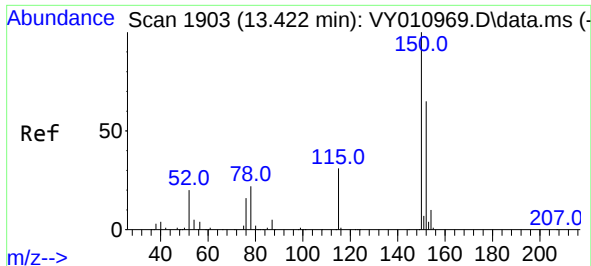
Tgt Ion: 95 Resp: 226945
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011048.D
Acq: 21 Oct 2022 14:22

Tgt Ion: 117 Resp: 482094
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.2 25.4 38.0

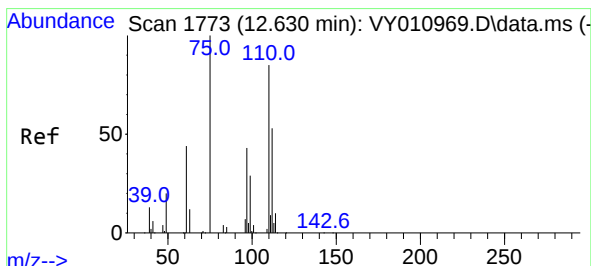
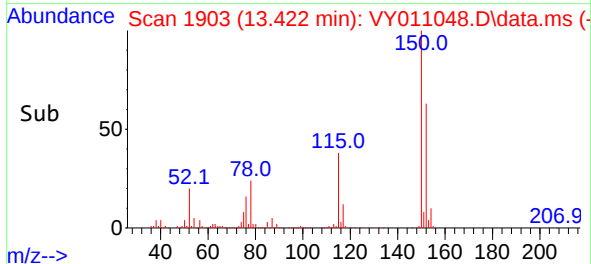
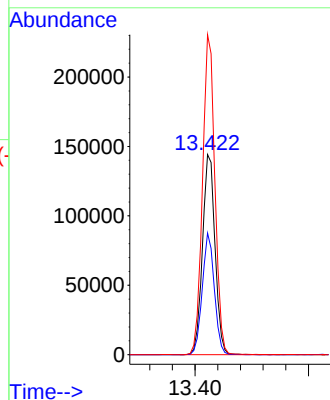
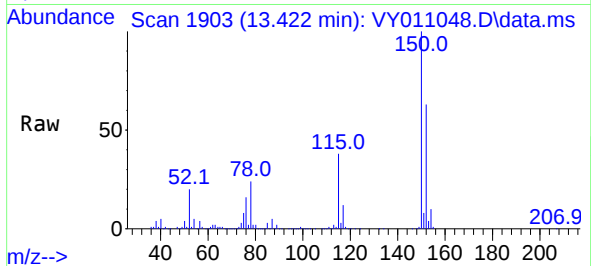




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011048.D
 Acq: 21 Oct 2022 14:22

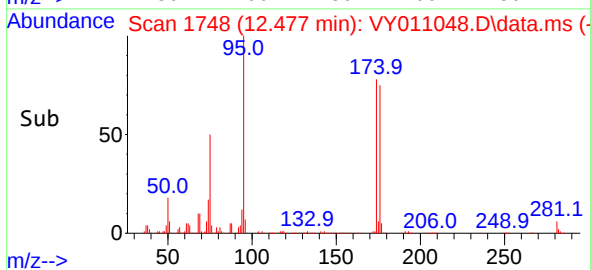
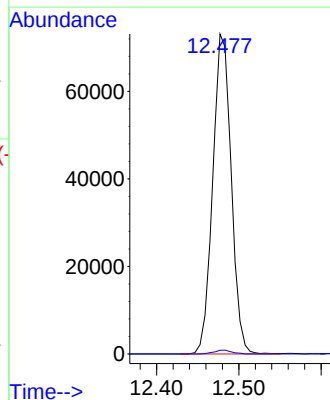
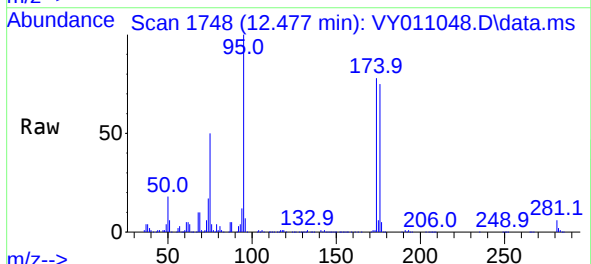
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-M1-3.5-4.0

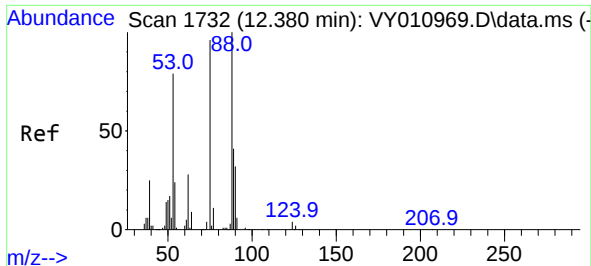
Tgt Ion:152 Resp: 221772
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 157.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.326 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011048.D
 Acq: 21 Oct 2022 14:22

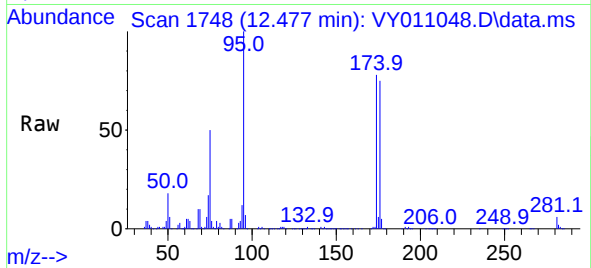
Tgt Ion: 75 Resp: 114122
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.483 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011048.D
 Acq: 21 Oct 2022 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-M1-3.5-4.0



Tgt Ion: 75 Resp: 114122
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

