

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009968.D
 Acq On : 11 Aug 2022 16:56
 Operator : KP/MD
 Sample : N4017-06RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB07

Quant Time: Aug 12 02:49:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

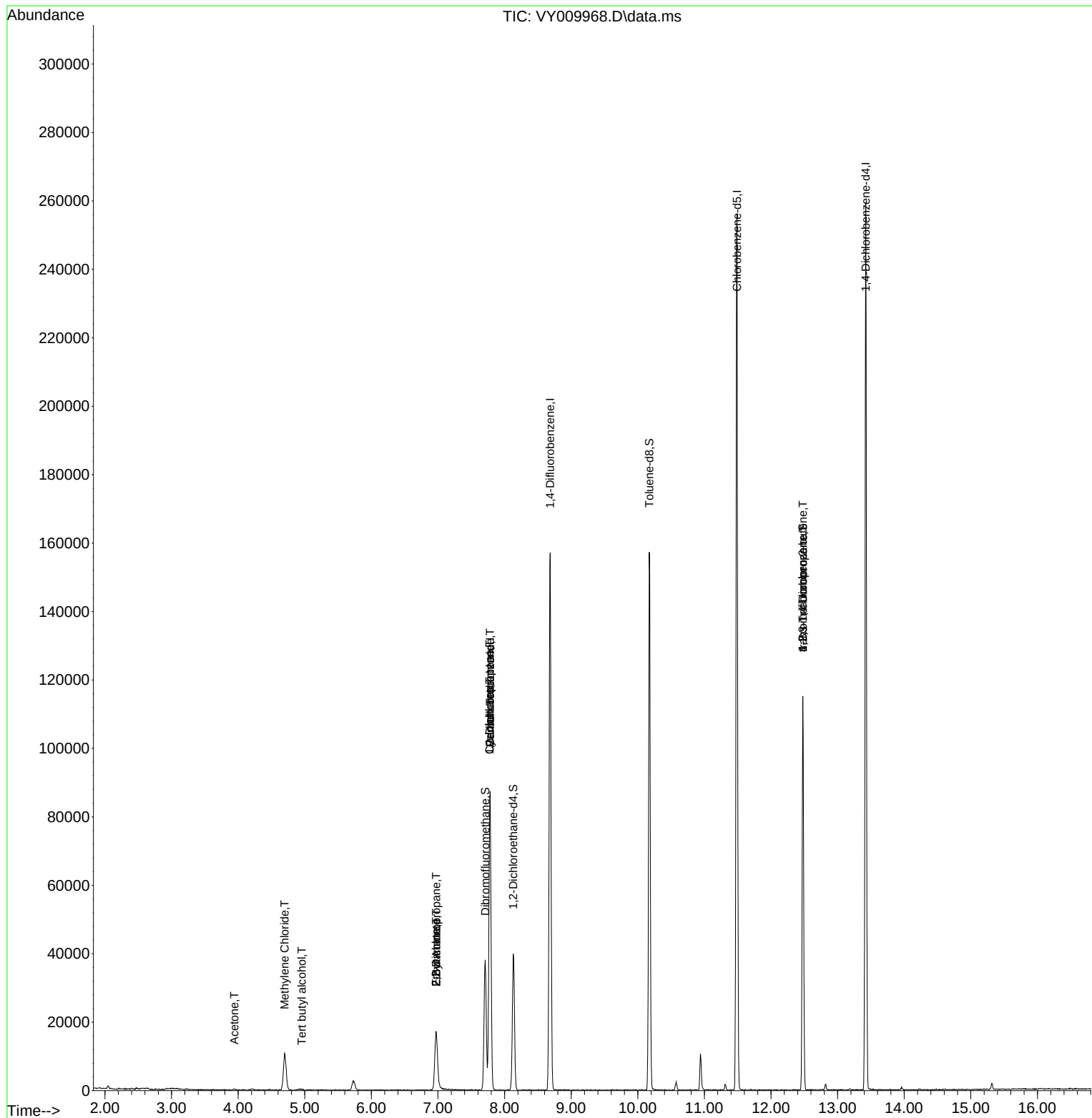
Internal Standards						
1) Pentafluorobenzene	7.783	168	65860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	132448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	136067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28521	56.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.820%	
35) Dibromofluoromethane	7.710	113	26701	35.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.080%	
50) Toluene-d8	10.173	98	99913	44.167	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.340%	
62) 4-Bromofluorobenzene	12.477	95	32722	30.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	55	Below Cal		99
11) Tert butyl alcohol	4.954	59	279	4.337 ug/l	#	78
16) Acetone	3.942	43	481	2.903 ug/l	#	69
18) Methyl Acetate	4.460	43	228	Below Cal	#	52
20) Methylene Chloride	4.698	84	7382	5.299 ug/l		93
25) 2-Butanone	6.972	43	1033	3.643 ug/l	#	48
26) 2,2-Dichloropropane	6.972	77	1149	1.009 ug/l	#	52
31) Cyclohexane	7.777	56	1590	1.128 ug/l	#	1
36) 1,1-Dichloropropene	7.777	75	5424	4.089 ug/l	#	48
37) Ethyl Acetate	6.972	43	1033	1.333 ug/l	#	1
38) Carbon Tetrachloride	7.783	117	6598	5.193 ug/l	#	17
76) 1,2,3-Trichloropropane	12.477	75	17033	26.070 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17033	50.747 ug/l	#	13

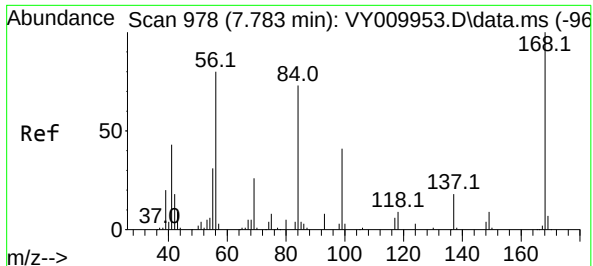
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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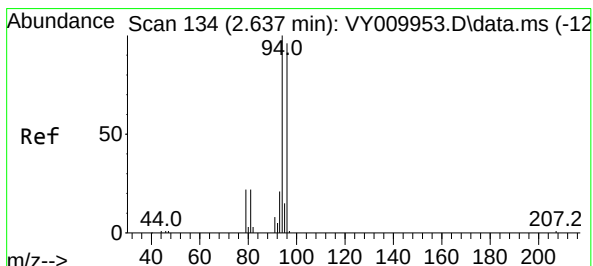
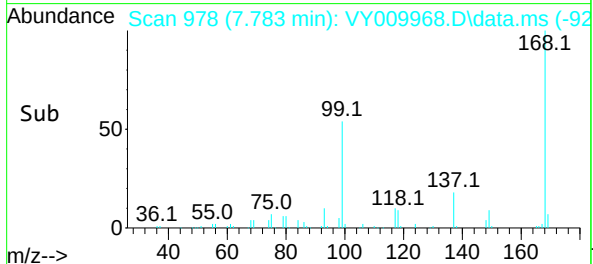
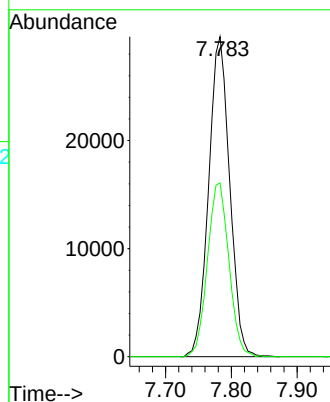
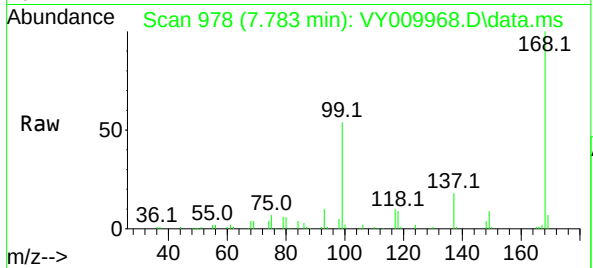




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

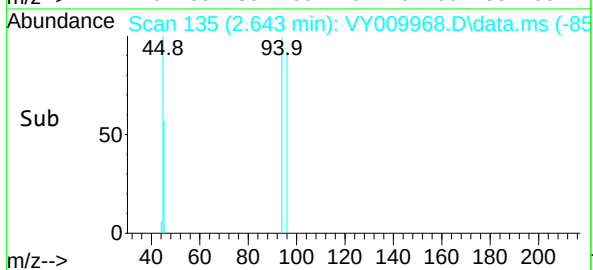
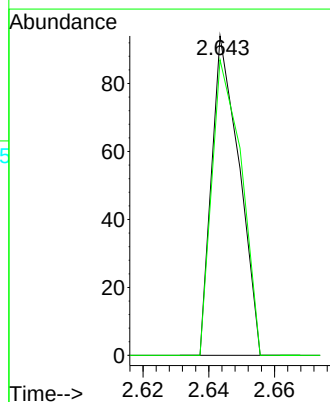
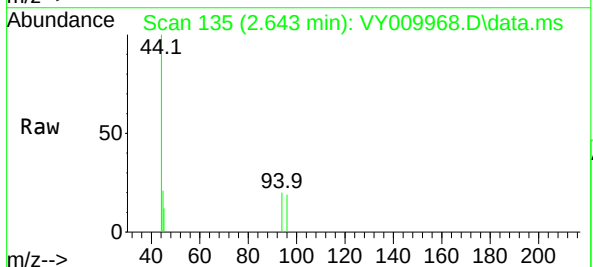
Instrument :
MSVOA_Y
ClientSampleId :
SB07

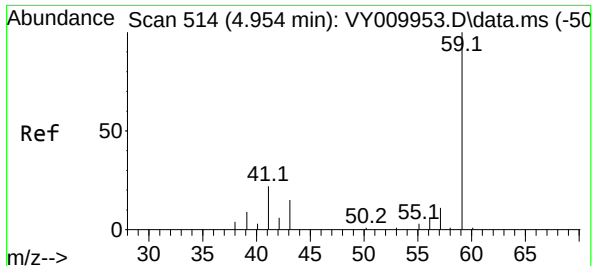
Tgt Ion:168 Resp: 65860
Ion Ratio Lower Upper
168 100
99 54.3 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8





#11

Tert butyl alcohol

Concen: 4.337 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY009968.D

Acq: 11 Aug 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

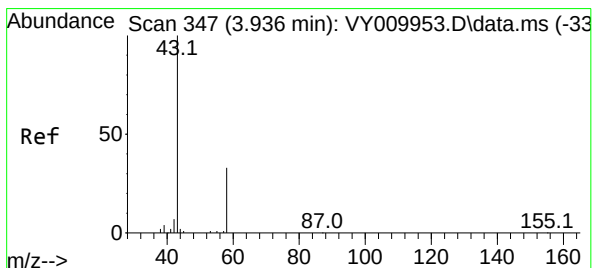
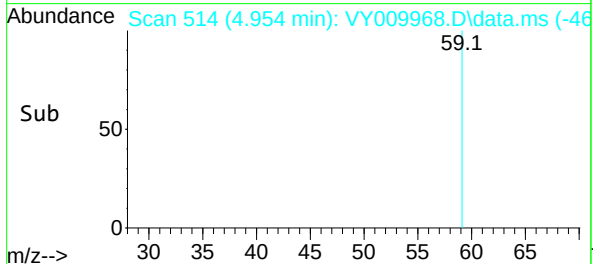
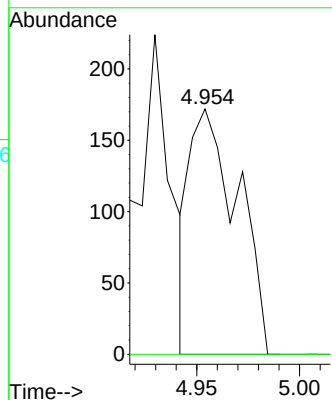
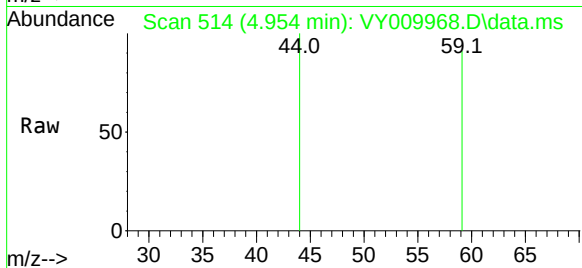
SB07

Tgt Ion: 59 Resp: 279

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 2.903 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009968.D

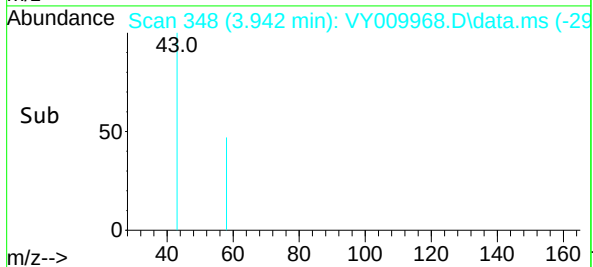
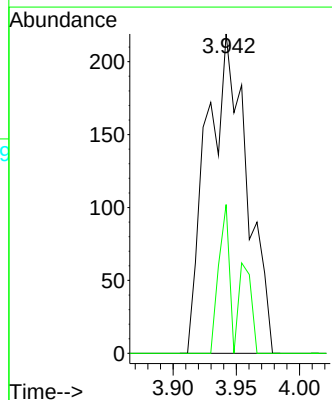
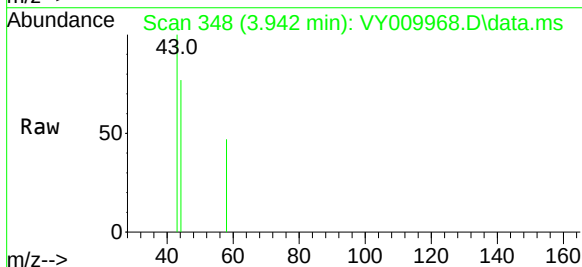
Acq: 11 Aug 2022 16:56

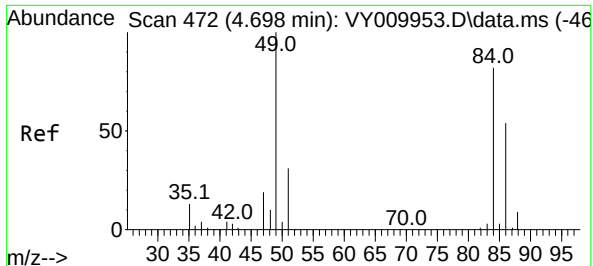
Tgt Ion: 43 Resp: 481

Ion Ratio Lower Upper

43 100

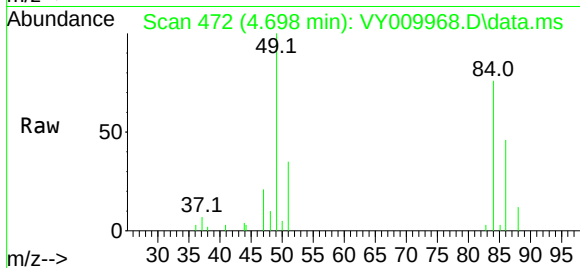
58 46.6 24.0 36.0#



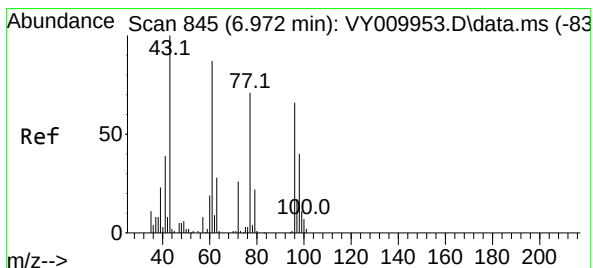
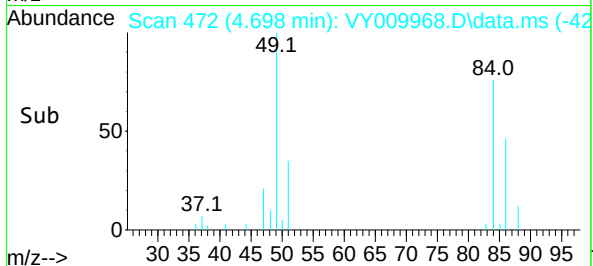
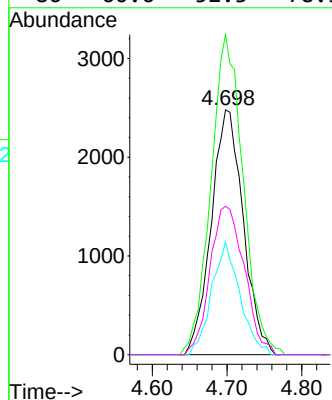


#20
Methylene Chloride
Concen: 5.299 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB07

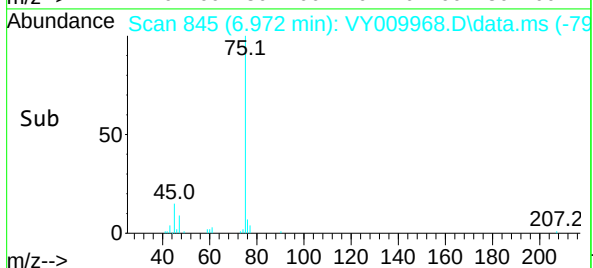
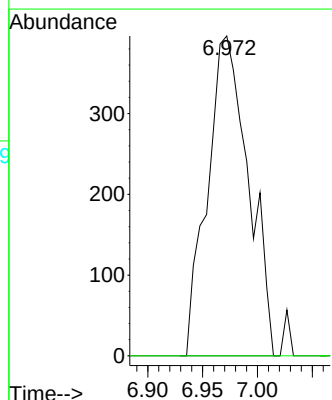
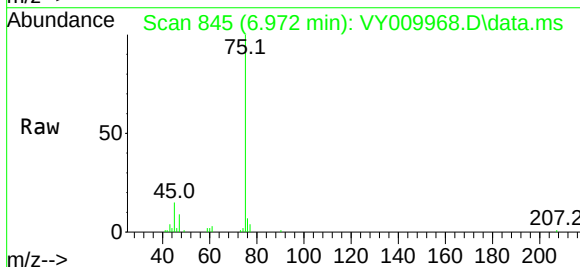


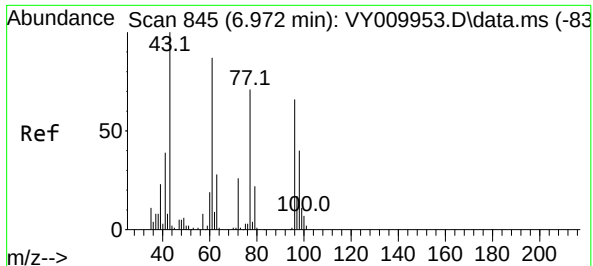
Tgt Ion:	84	Resp:	7382
Ion	Ratio	Lower	Upper
84	100		
49	130.7	98.2	147.4
51	46.0	33.4	50.0
86	60.6	52.3	78.5



#25
2-Butanone
Concen: 3.643 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Tgt Ion:	43	Resp:	1033
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#





#26

2,2-Dichloropropane

Concen: 1.009 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009968.D

Acq: 11 Aug 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

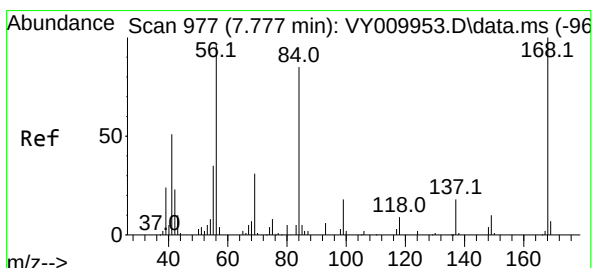
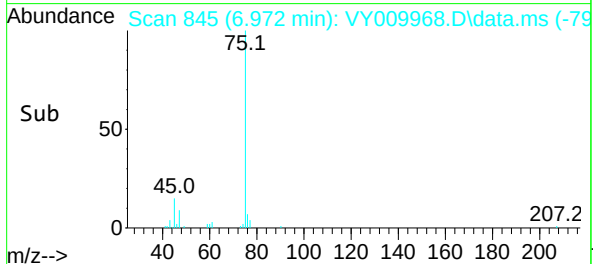
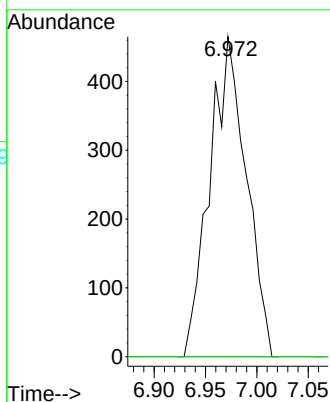
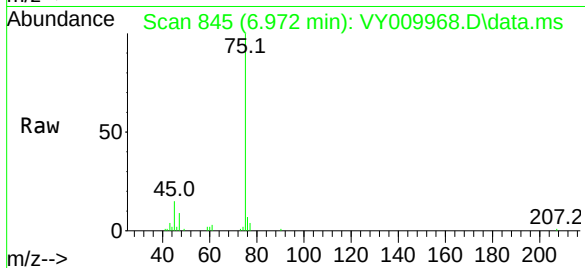
SB07

Tgt Ion: 77 Resp: 1149

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009968.D

Acq: 11 Aug 2022 16:56

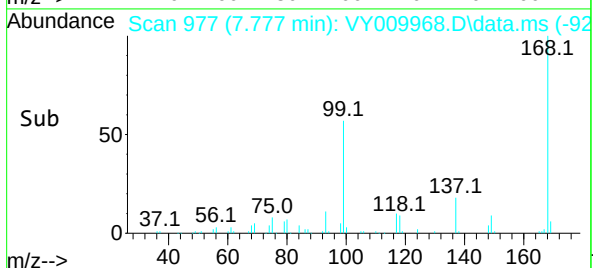
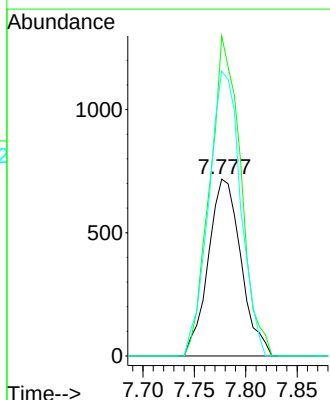
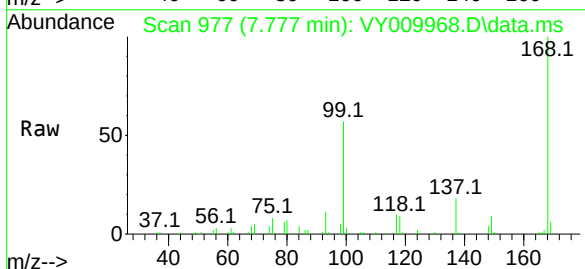
Tgt Ion: 56 Resp: 1590

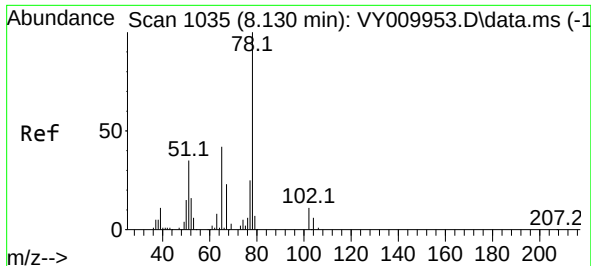
Ion Ratio Lower Upper

56 100

69 180.9 26.0 39.0#

84 161.0 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 56.405 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009968.D

Acq: 11 Aug 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

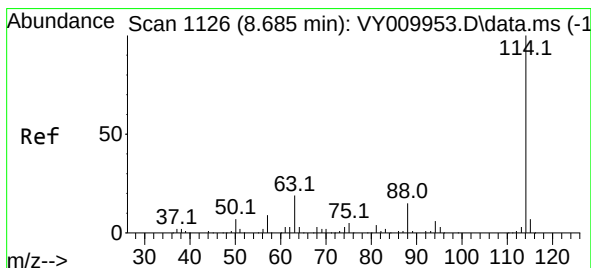
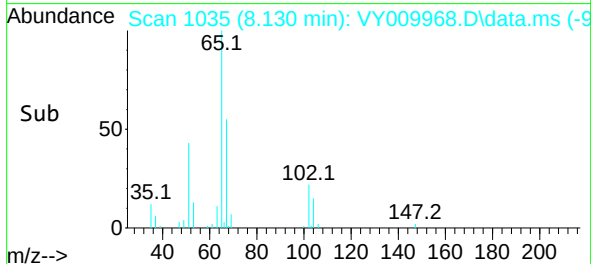
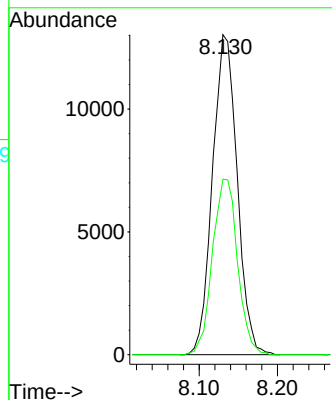
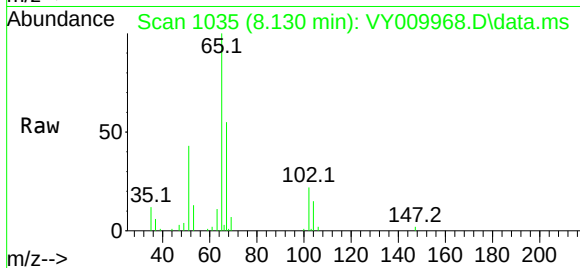
SB07

Tgt Ion: 65 Resp: 28521

Ion Ratio Lower Upper

65 100

67 55.8 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: VY009968.D

Acq: 11 Aug 2022 16:56

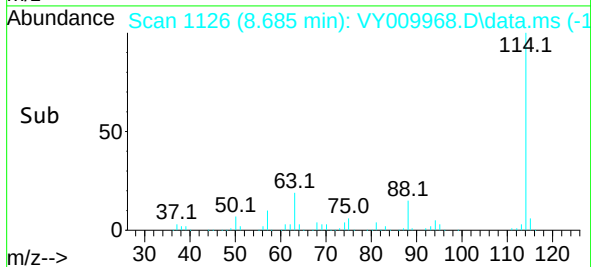
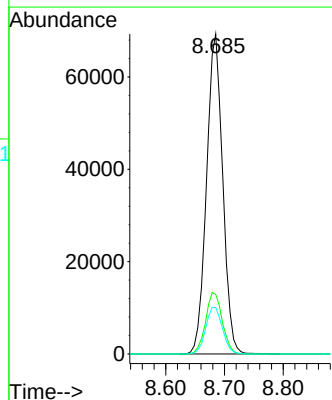
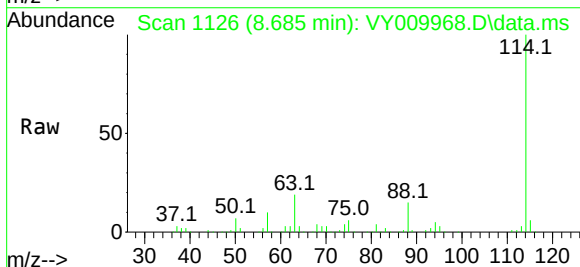
Tgt Ion: 114 Resp: 132448

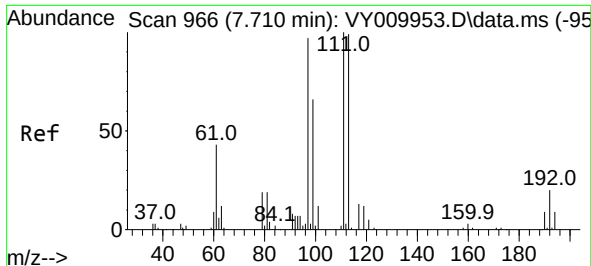
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.0

88 14.6 0.0 30.0

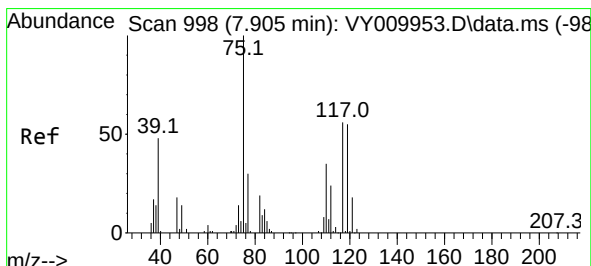
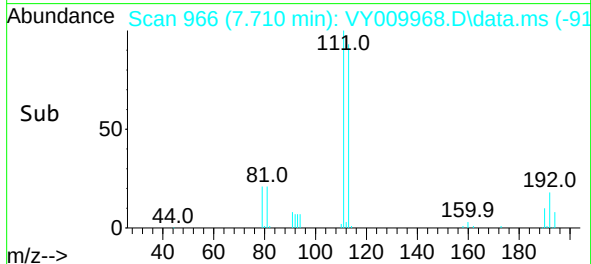
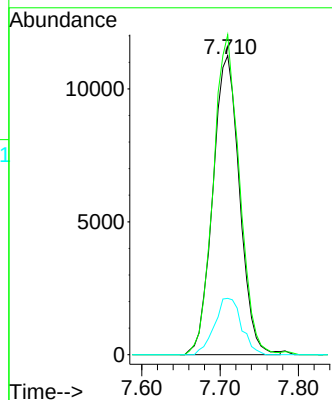
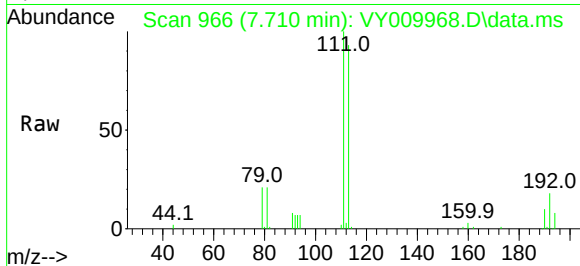




#35
Dibromofluoromethane
Concen: 35.038 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

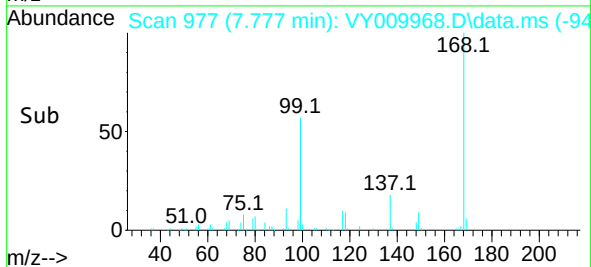
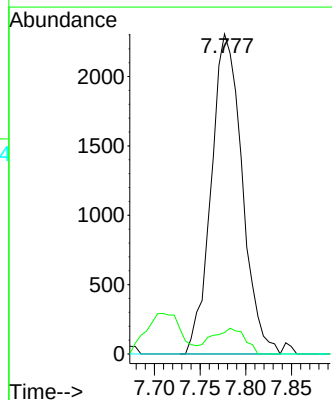
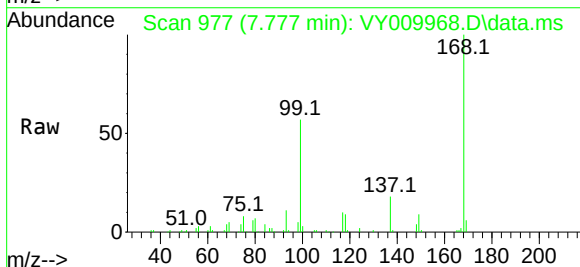
Instrument :
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ClientSampleId :
SB07

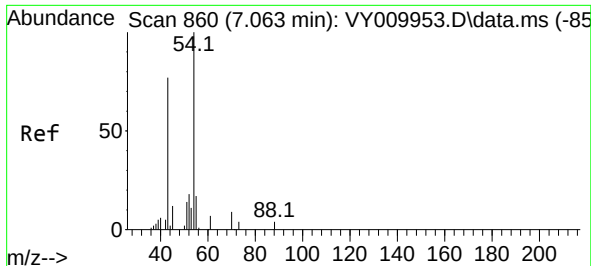
Tgt Ion:113 Resp: 26701
Ion Ratio Lower Upper
113 100
111 104.7 80.6 120.8
192 18.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.089 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Tgt Ion: 75 Resp: 5424
Ion Ratio Lower Upper
75 100
110 8.6 18.6 56.0#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.333 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY009968.D

Acq: 11 Aug 2022 16:56

Instrument :

MSVOA_Y

ClientSampleId :

SB07

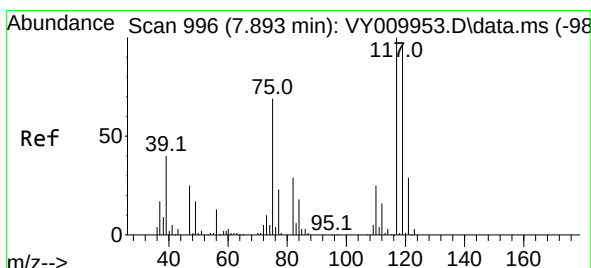
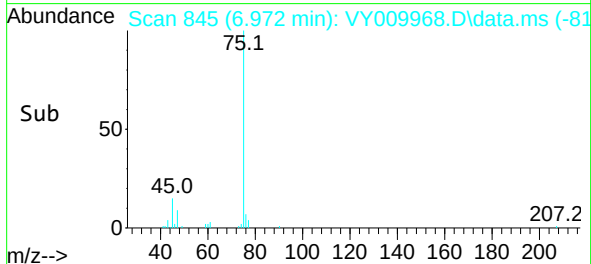
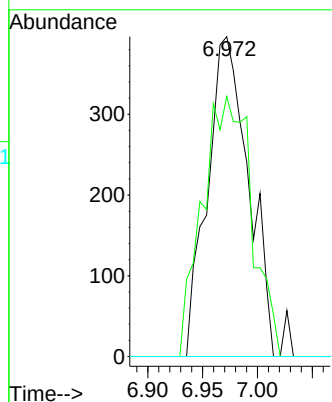
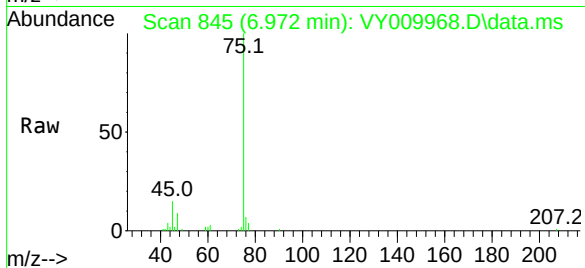
Tgt Ion: 43 Resp: 1033

Ion Ratio Lower Upper

43 100

61 97.3 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.193 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009968.D

Acq: 11 Aug 2022 16:56

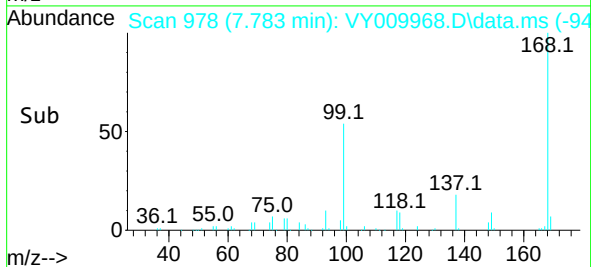
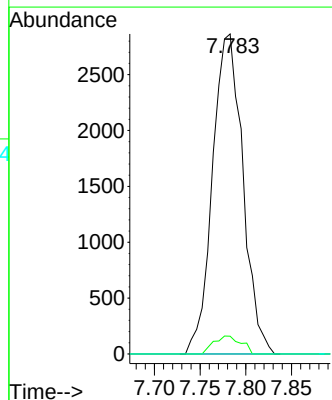
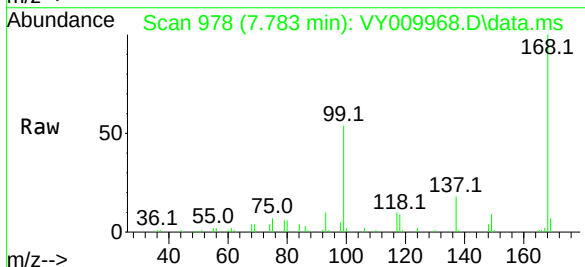
Tgt Ion: 117 Resp: 6598

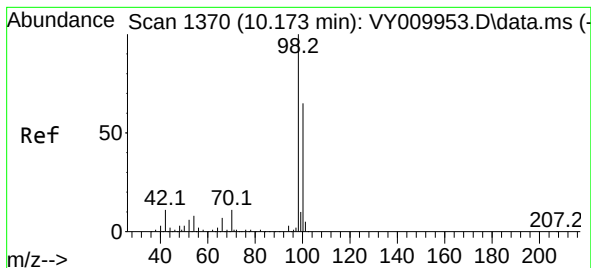
Ion Ratio Lower Upper

117 100

119 5.6 75.9 113.9#

121 0.0 24.9 37.3#

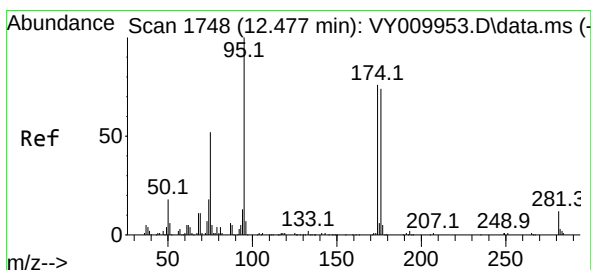
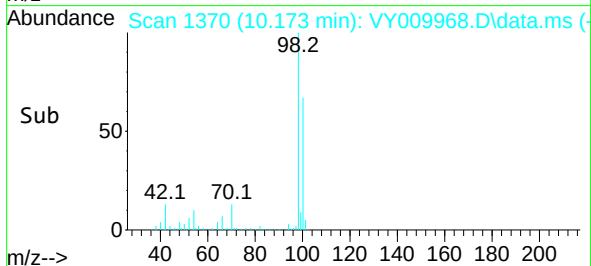
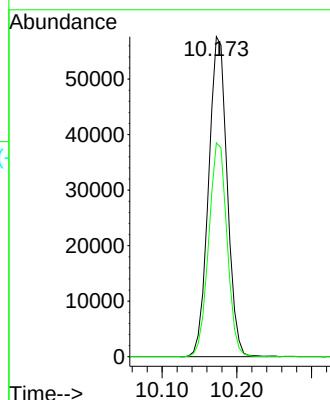
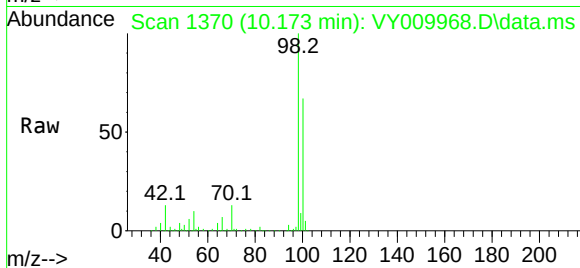




#50
Toluene-d8
Concen: 44.167 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

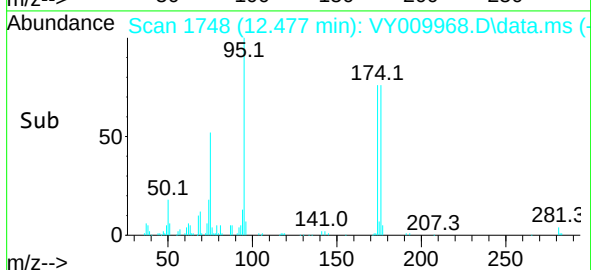
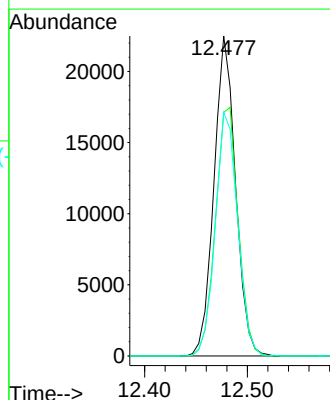
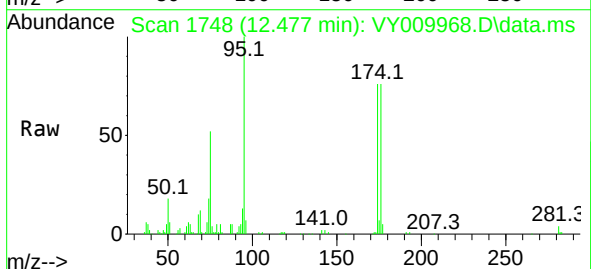
Instrument :
MSVOA_Y
ClientSampleId :
SB07

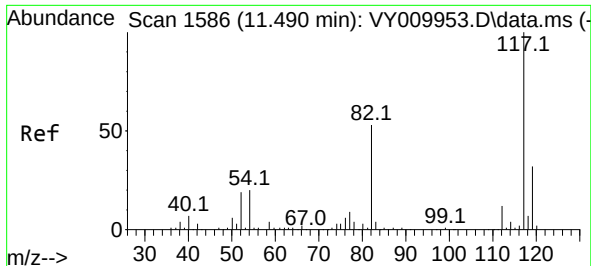
Tgt Ion: 98 Resp: 99913
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.543 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Tgt Ion: 95 Resp: 32722
Ion Ratio Lower Upper
95 100
174 82.1 0.0 173.8
176 78.6 0.0 167.0

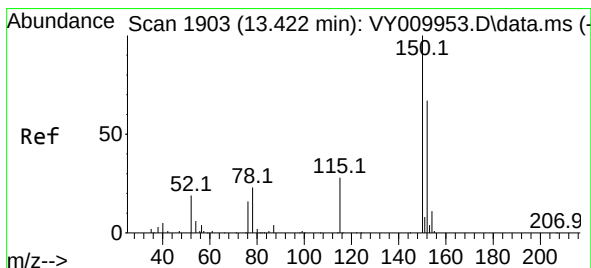
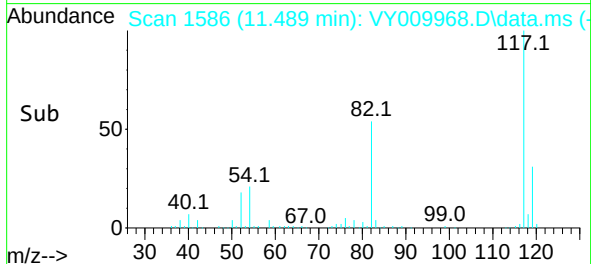
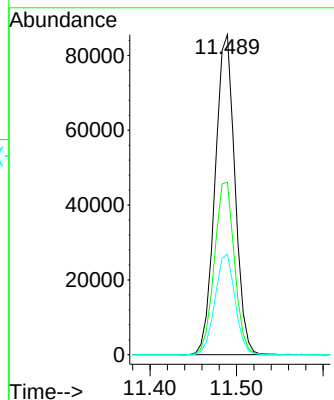
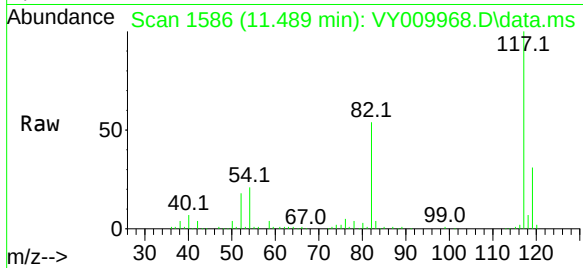




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

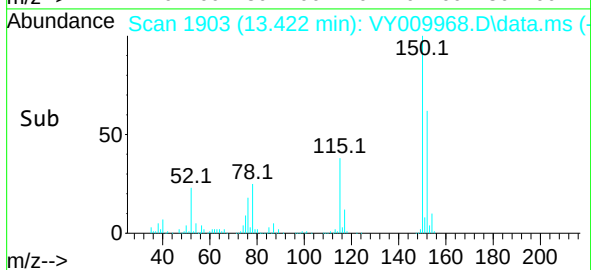
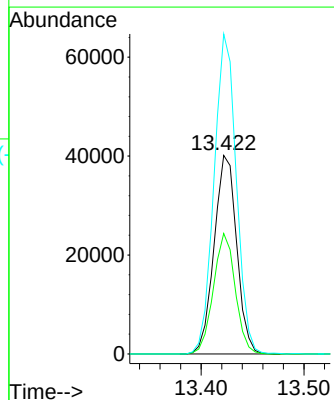
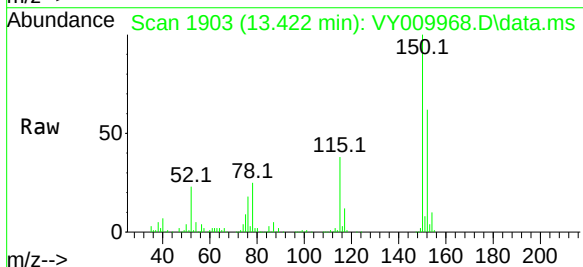
Instrument :
MSVOA_Y
ClientSampleId :
SB07

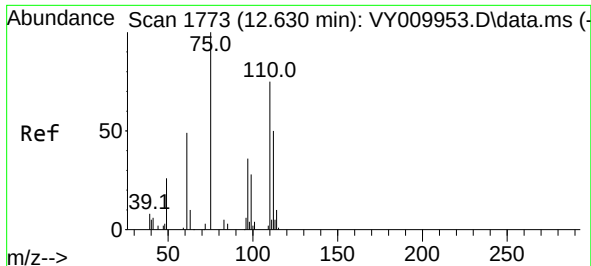
Tgt Ion:117 Resp: 136067
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.6
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Tgt Ion:152 Resp: 61200
Ion Ratio Lower Upper
152 100
115 58.6 28.6 85.9
150 158.6 0.0 349.8

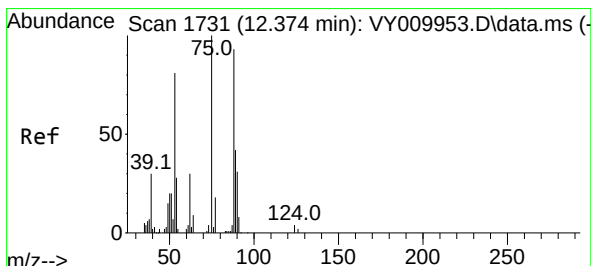
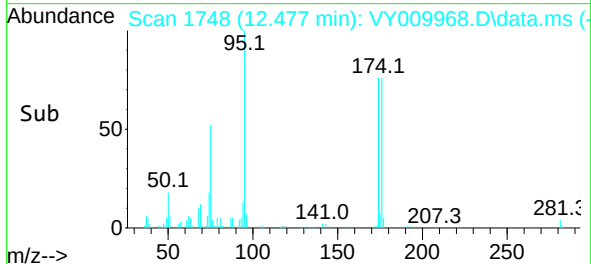
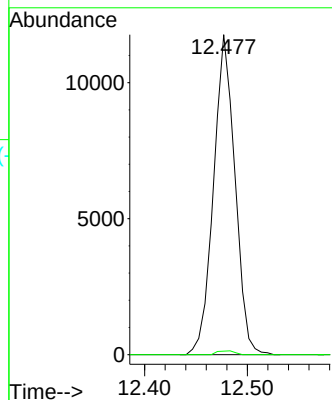
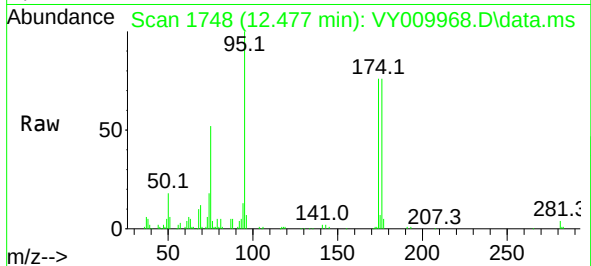




#76
1,2,3-Trichloropropane
Concen: 26.070 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Instrument :
MSVOA_Y
ClientSampleId :
SB07

Tgt Ion: 75 Resp: 17033
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.747 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009968.D
Acq: 11 Aug 2022 16:56

Tgt Ion: 75 Resp: 17033
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

