

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033683.D
 Acq On : 10 Jan 2023 14:29
 Operator : JC/MD
 Sample : 01093-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20230109

Quant Time: Jan 11 00:33:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

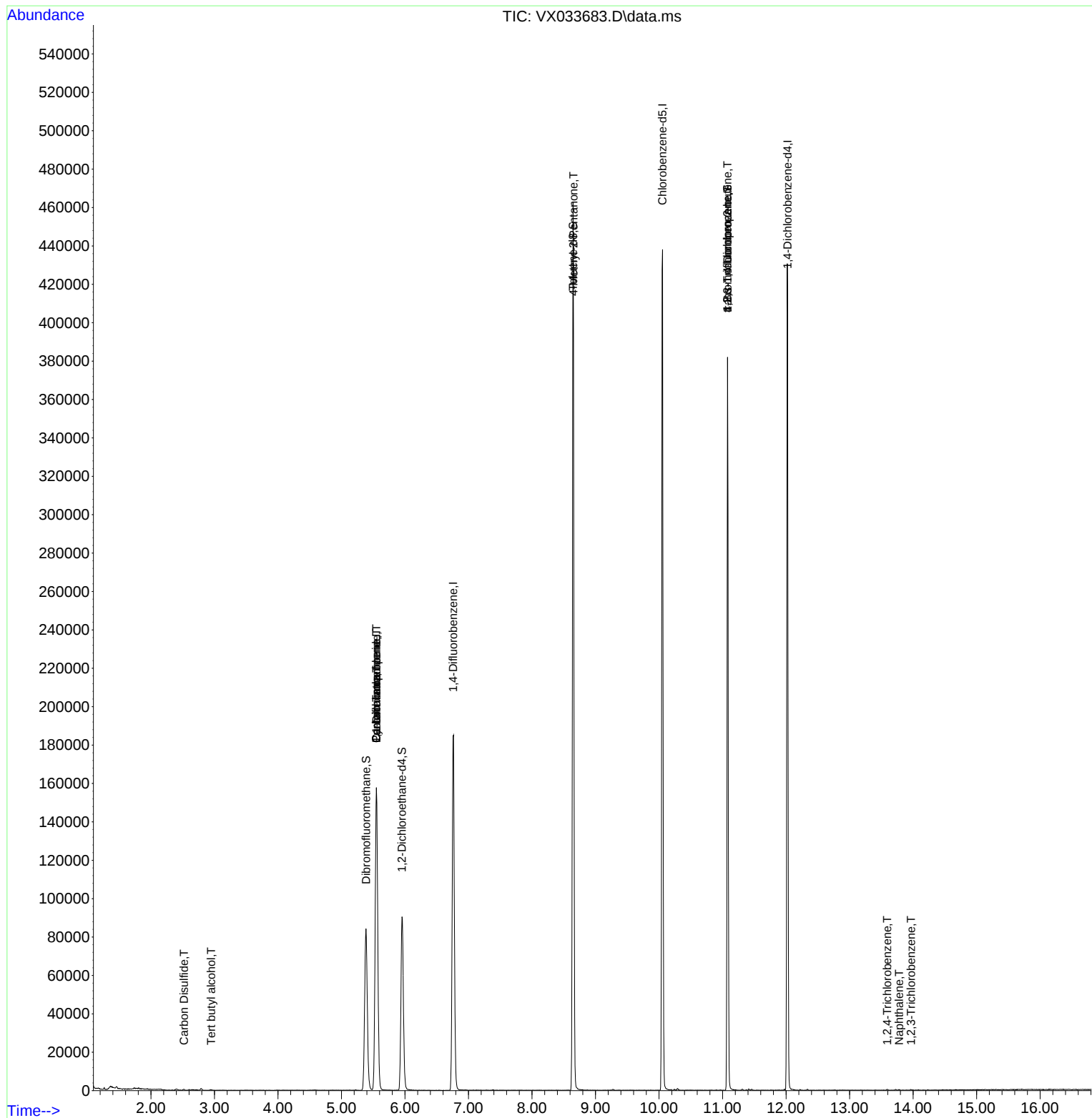
Internal Standards						
1) Pentafluorobenzene	5.550	168	159380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89170	49.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.120%
35) Dibromofluoromethane	5.385	113	73509	60.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	120.700%
50) Toluene-d8	8.647	98	270272	62.076	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	124.160%#
62) 4-Bromofluorobenzene	11.079	95	94080	60.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	198	0.670	ug/l #	80
16) Acetone	2.398	43	911	Below Cal	#	84
17) Carbon Disulfide	2.520	76	595	1.790	ug/l #	74
20) Methylene Chloride	2.788	84	398	Below Cal	#	83
31) Cyclohexane	5.550	56	2803	1.119	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	10724	6.499	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14741	8.442	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1194	0.669	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46525	26.236	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	46525	79.629	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	220	1.693	ug/l	93
95) Naphthalene	13.780	128	367	3.168	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.969	180	167	3.818	ug/l #	80

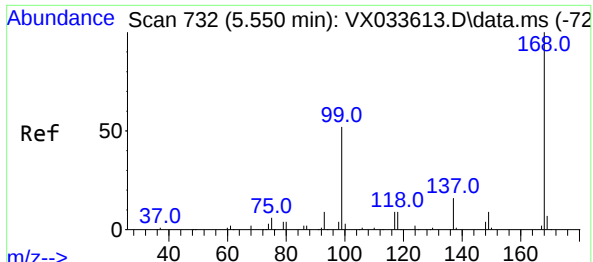
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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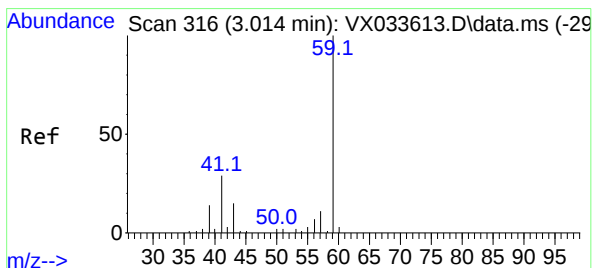
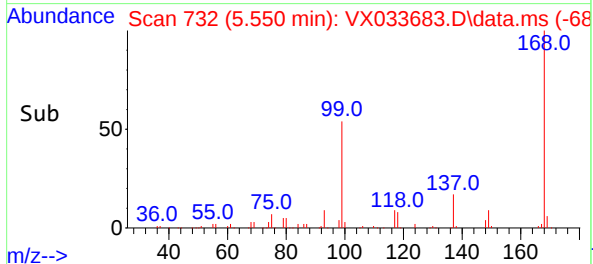
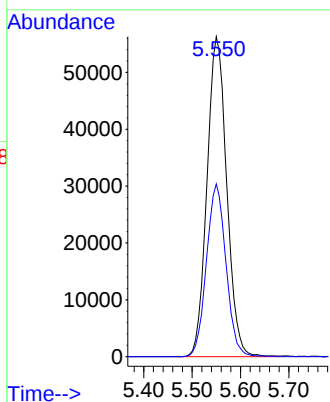
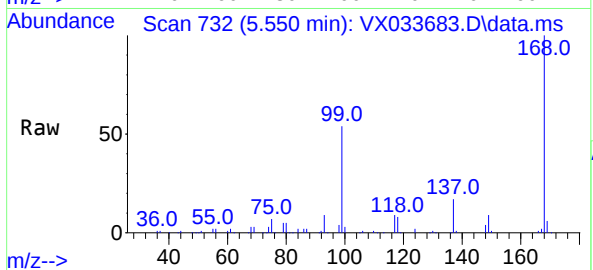




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

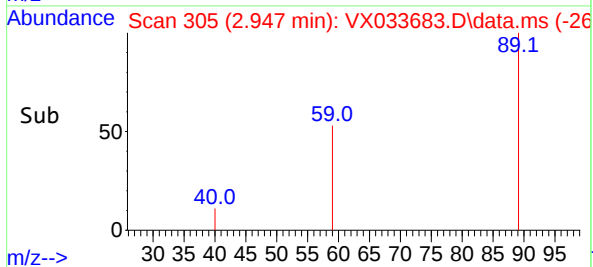
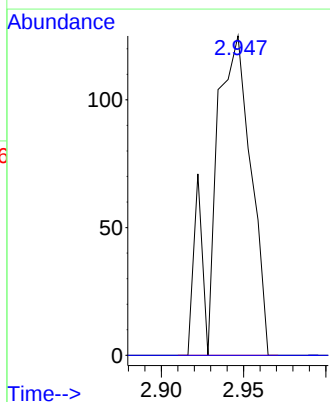
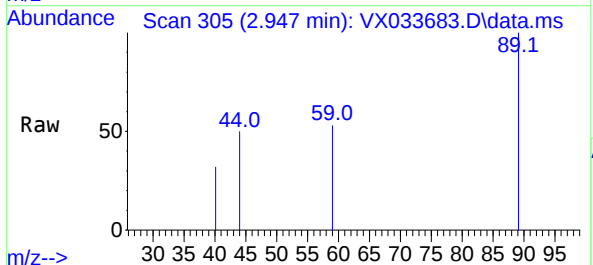
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

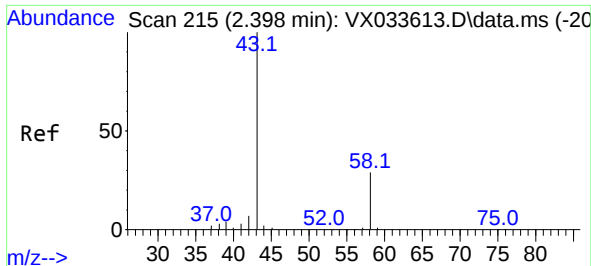
Tgt Ion:168 Resp: 159380
Ion Ratio Lower Upper
168 100
99 54.0 41.4 62.2



#11
Tert butyl alcohol
Concen: 0.670 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.067 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

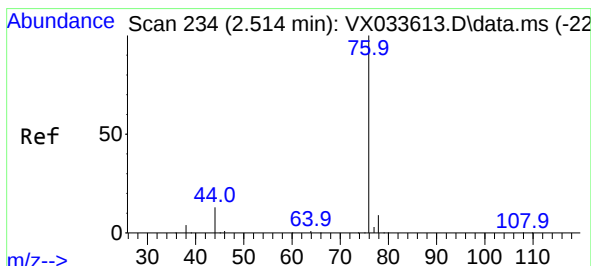
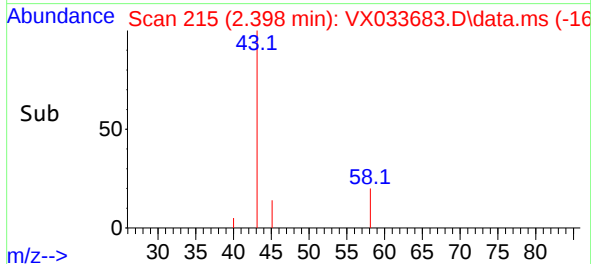
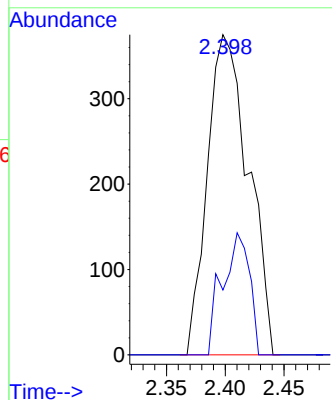
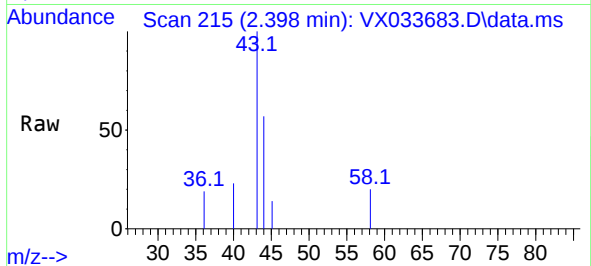




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

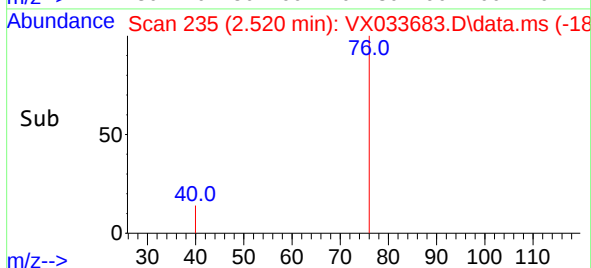
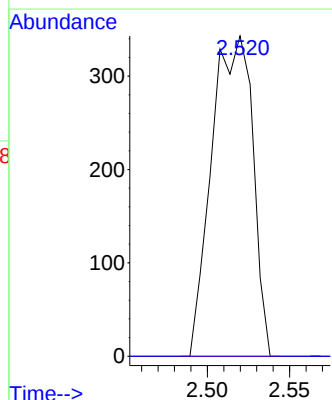
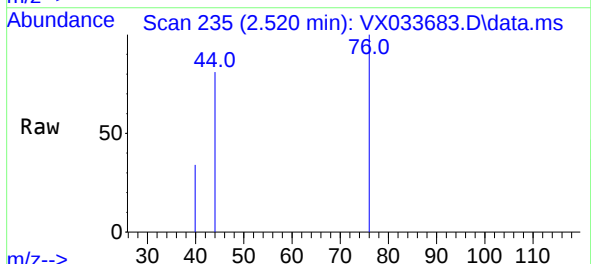
Instrument : MSVOA_X
ClientSampleId : TT-TB-20230109

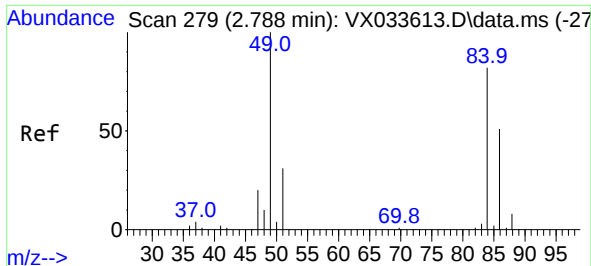
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 20.3 22.9 34.3#



#17
Carbon Disulfide
Concen: 1.790 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

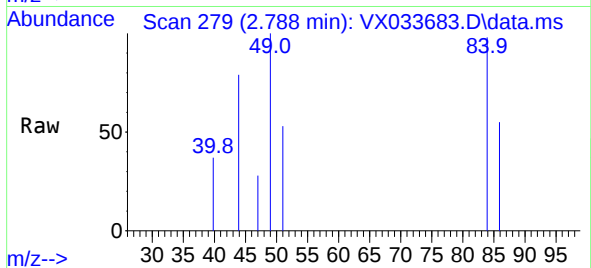
Tgt Ion: 76 Resp: 595
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#





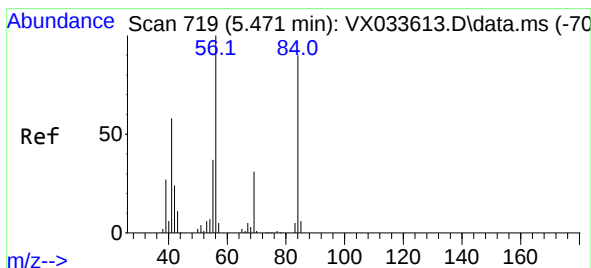
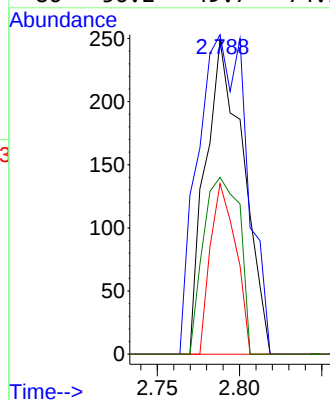
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109



Tgt Ion: 84 Resp: 398

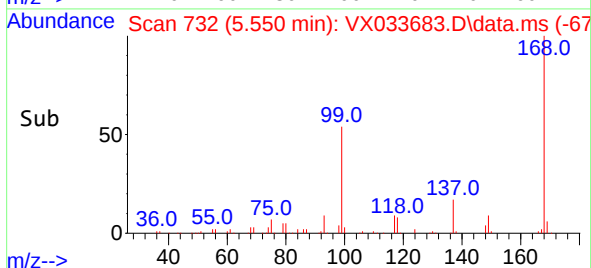
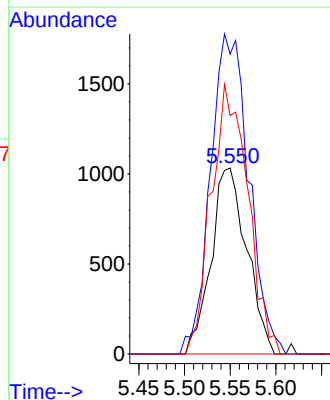
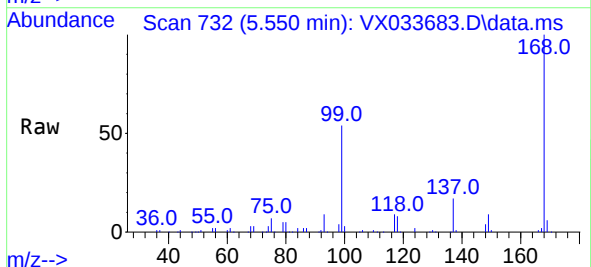
Ion	Ratio	Lower	Upper
84	100		
49	101.6	97.6	146.4
51	54.2	30.4	45.6#
86	56.2	49.7	74.5

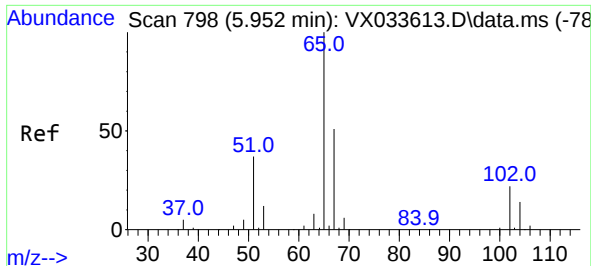


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 56 Resp: 2803

Ion	Ratio	Lower	Upper
56	100		
69	161.2	24.6	36.8#
84	128.3	72.2	108.2#

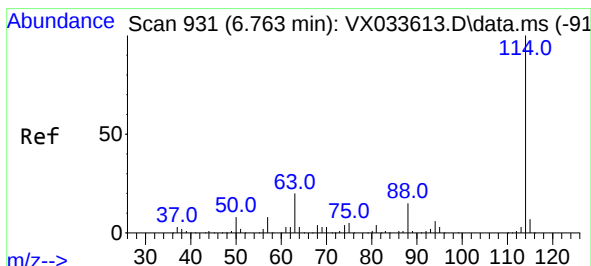
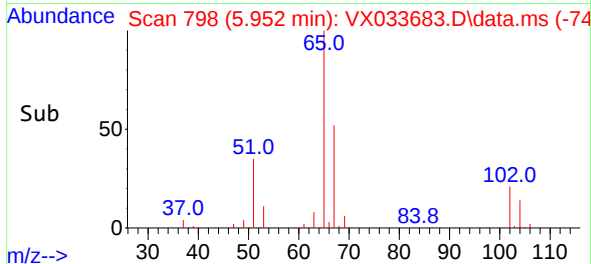
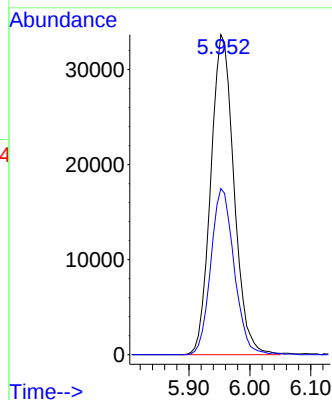
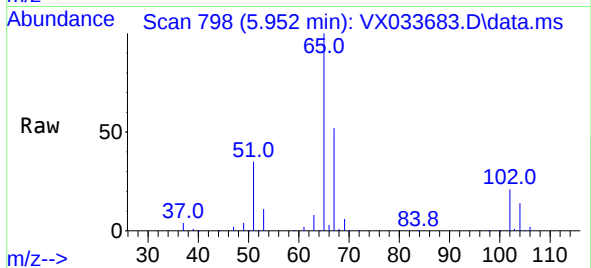




#33
1,2-Dichloroethane-d4
Concen: 49.561 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

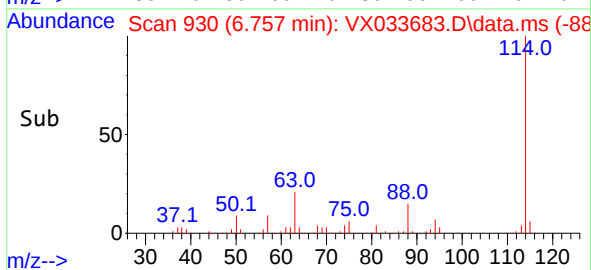
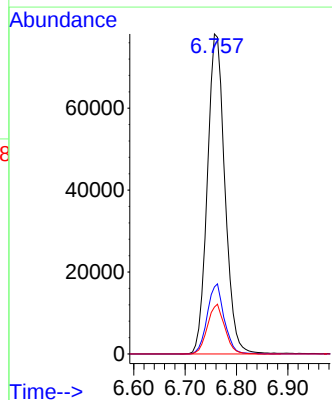
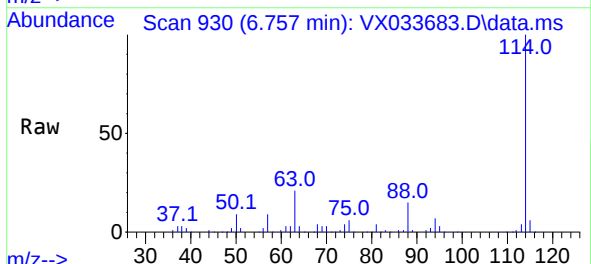
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

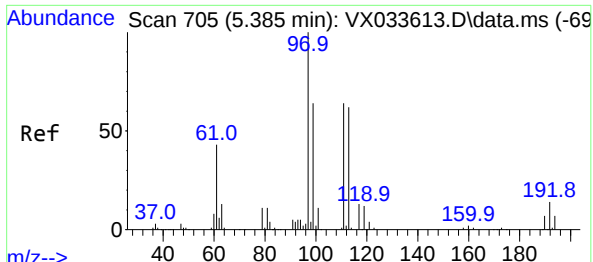
Tgt Ion: 65 Resp: 89170
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

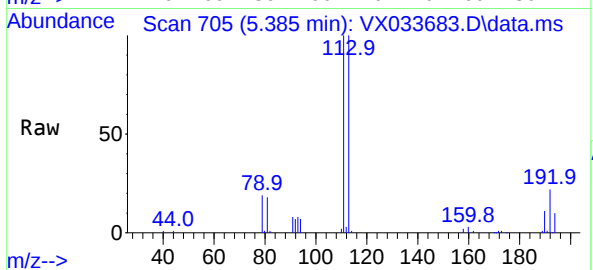
Tgt Ion: 114 Resp: 185325
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 14.7 0.0 29.6





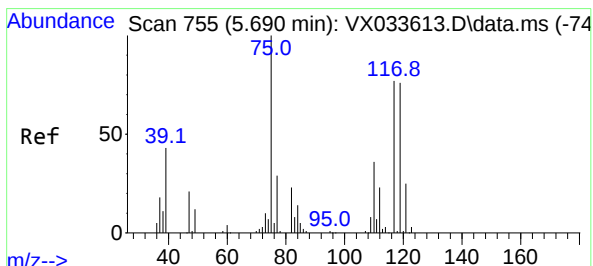
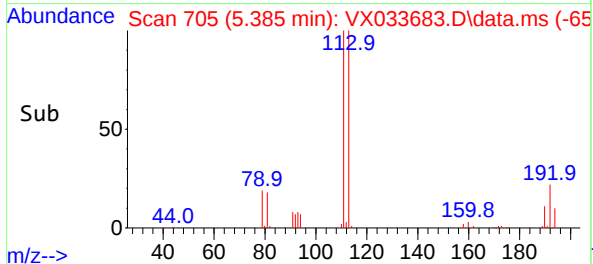
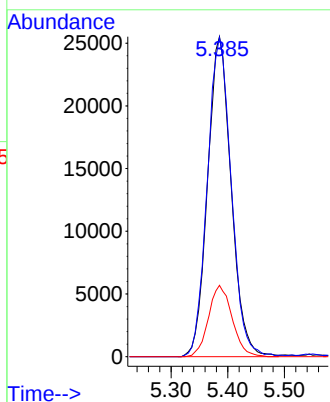
#35
 Dibromofluoromethane
 Concen: 60.346 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX033683.D
 Acq: 10 Jan 2023 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20230109



Tgt Ion: 113 Resp: 73509

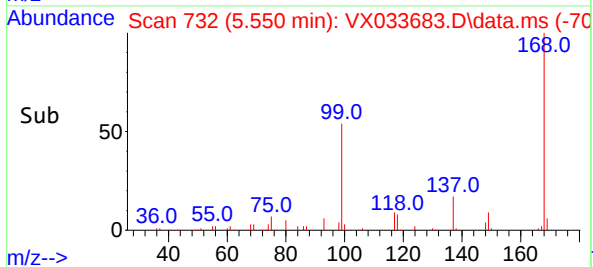
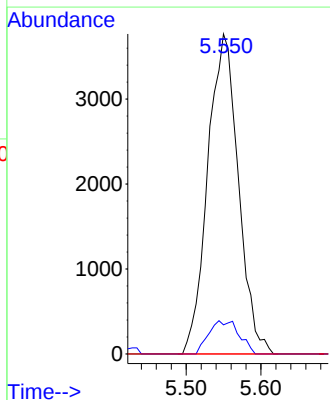
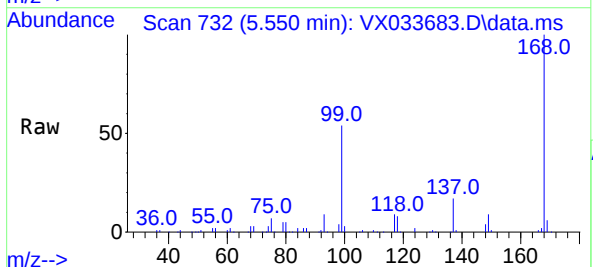
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.2	121.8
192	22.4	18.2	27.2

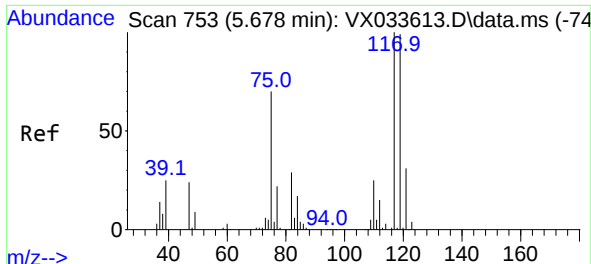


#36
 1,1-Dichloropropene
 Concen: 6.499 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX033683.D
 Acq: 10 Jan 2023 14:29

Tgt Ion: 75 Resp: 10724

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.0	54.0#
77	0.0	24.5	36.7#

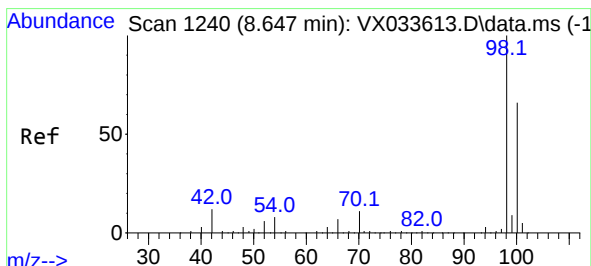
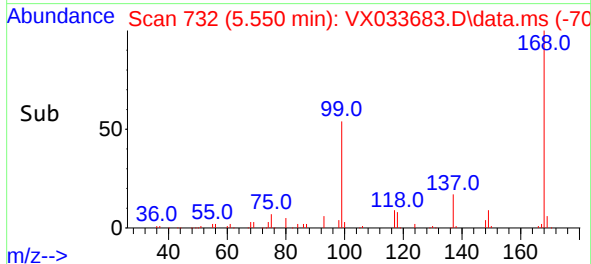
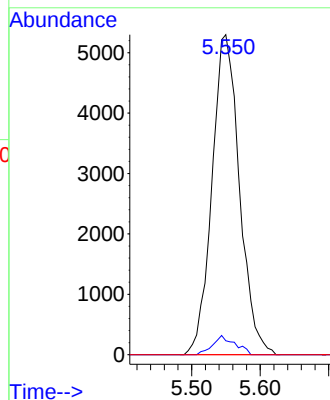
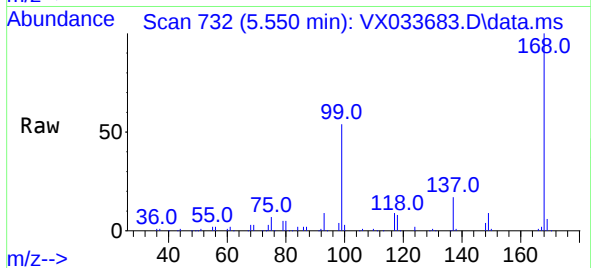




#38
Carbon Tetrachloride
Concen: 8.442 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

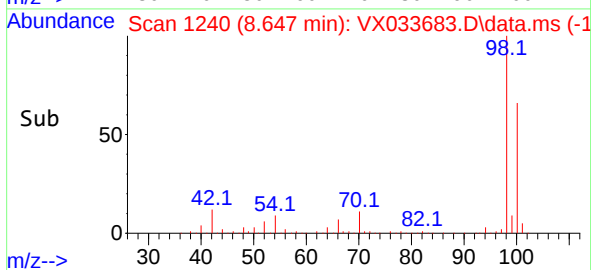
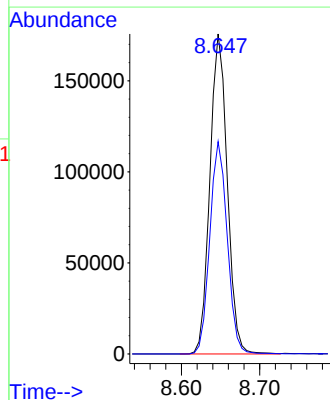
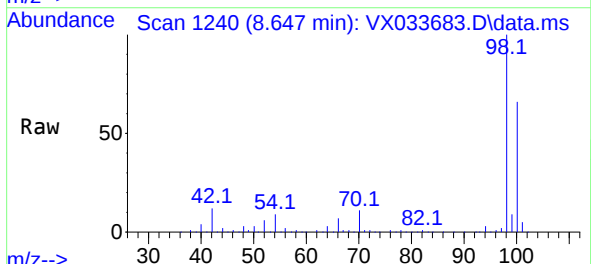
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

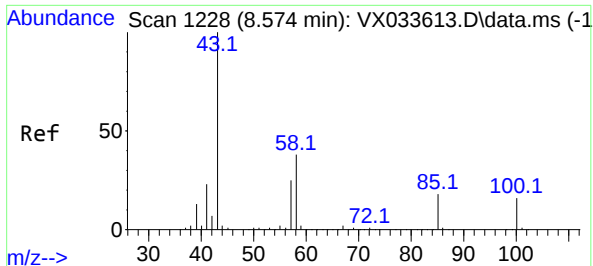
Tgt Ion:117 Resp: 14741
Ion Ratio Lower Upper
117 100
119 4.4 78.8 118.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 62.076 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 98 Resp: 270272
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.669 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX033683.D

Acq: 10 Jan 2023 14:29

Instrument :

MSVOA_X

ClientSampleId :

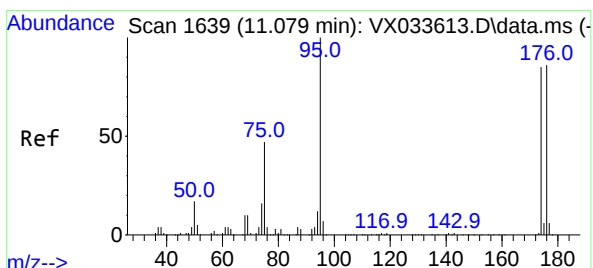
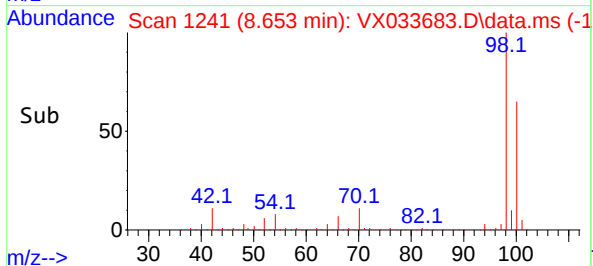
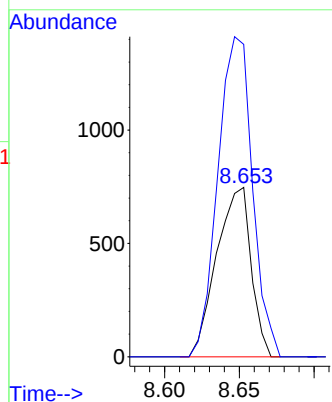
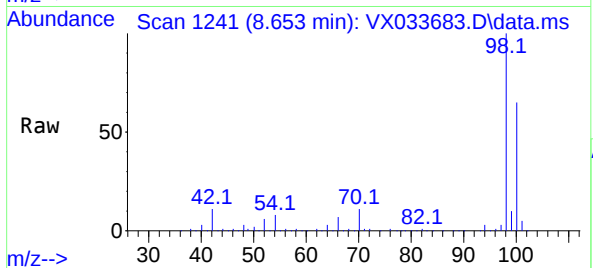
TT-TB-20230109

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

58 190.4 30.5 45.7#



#62

4-Bromofluorobenzene

Concen: 60.962 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033683.D

Acq: 10 Jan 2023 14:29

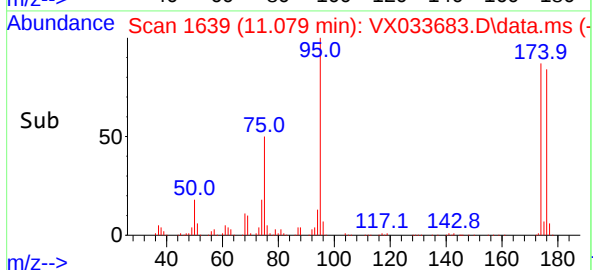
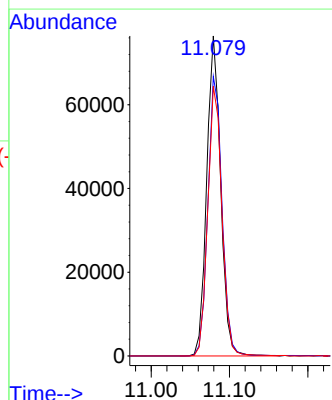
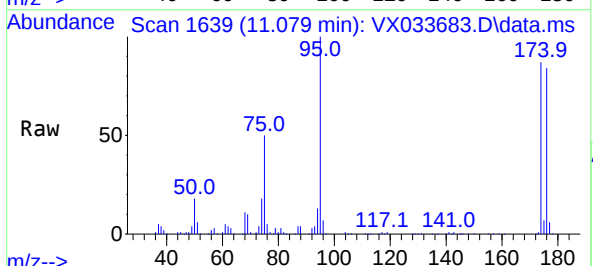
Tgt Ion: 95 Resp: 94080

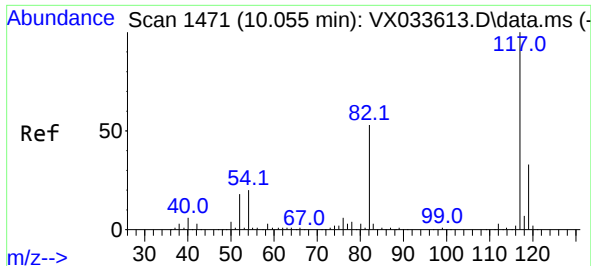
Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.4

176 85.9 0.0 176.2

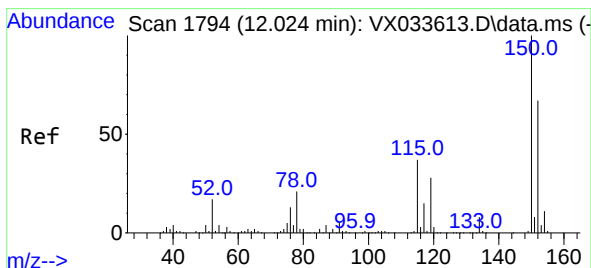
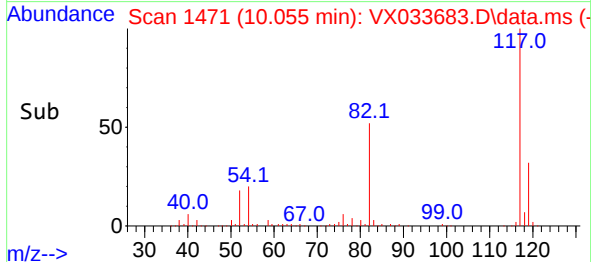
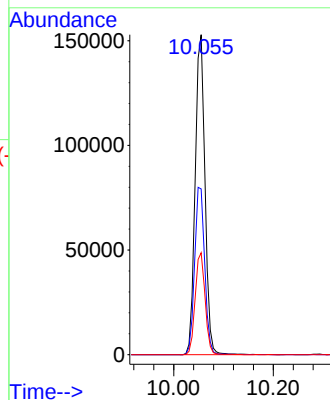
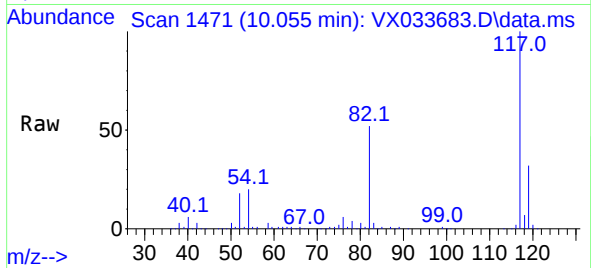




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

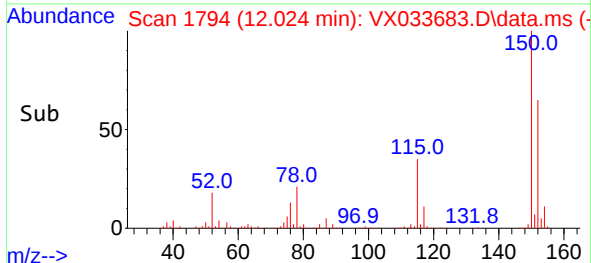
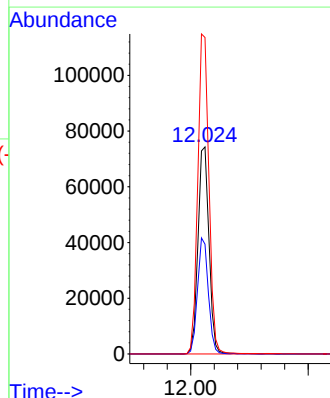
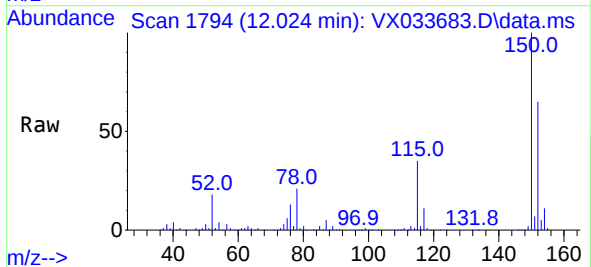
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

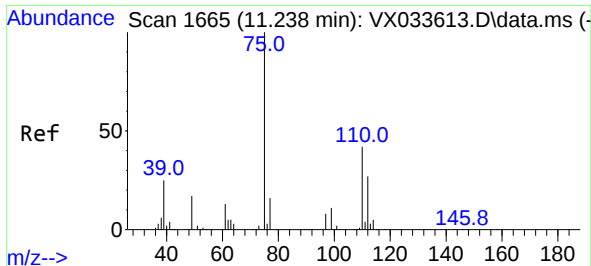
Tgt Ion:117 Resp: 208562
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

Tgt Ion:152 Resp: 96797
Ion Ratio Lower Upper
152 100
115 54.8 38.5 115.5
150 156.0 0.0 340.4

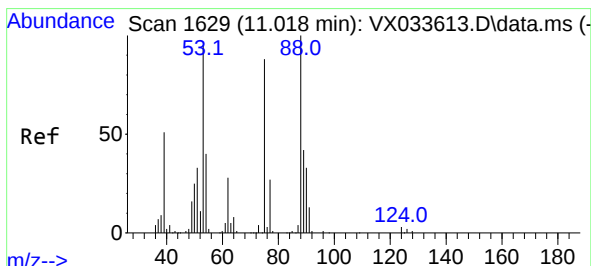
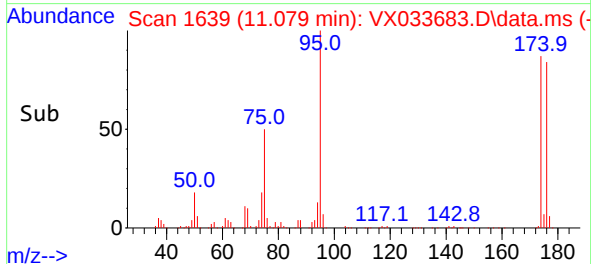
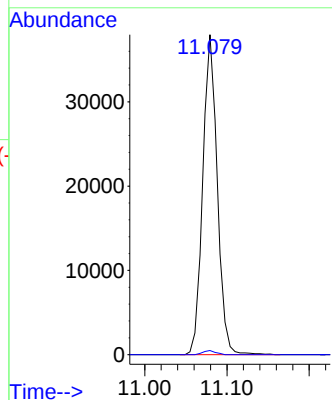
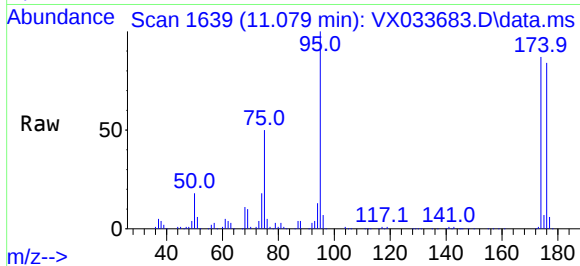




#76
1,2,3-Trichloropropane
Concen: 26.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

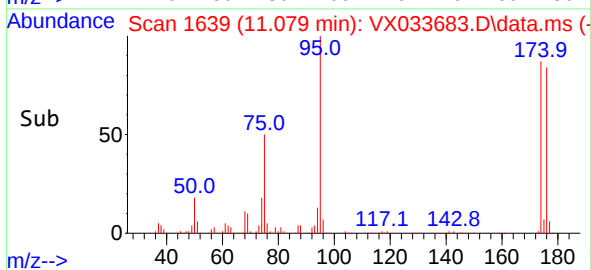
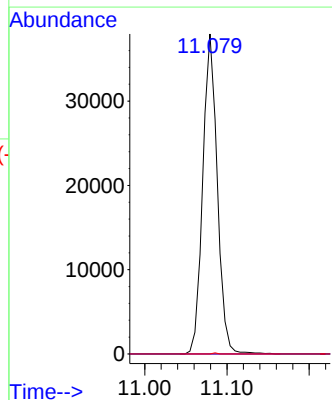
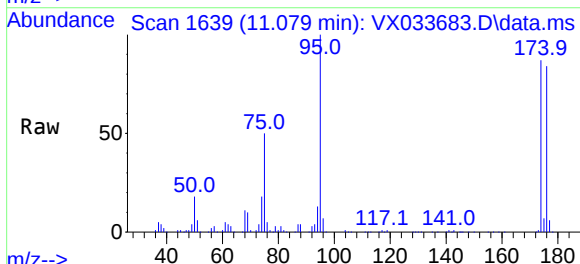
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

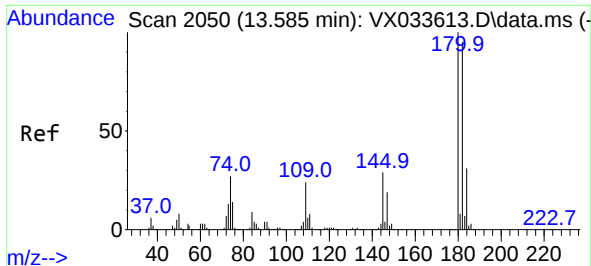
Tgt Ion: 75 Resp: 46525
Ion Ratio Lower Upper
75 100
77 1.1 21.3 63.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033683.D
Acq: 10 Jan 2023 14:29

Tgt Ion: 75 Resp: 46525
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.1 37.4 56.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.693 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX033683.D

Acq: 10 Jan 2023 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20230109

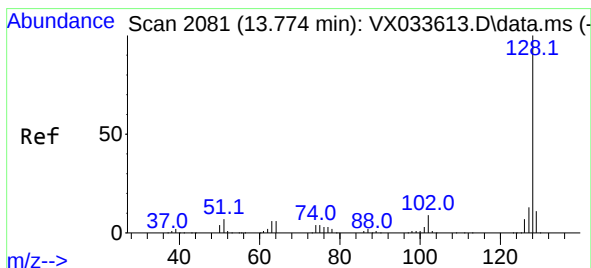
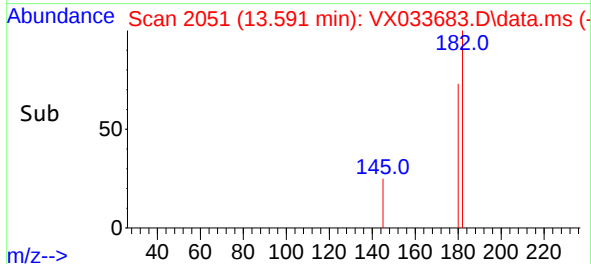
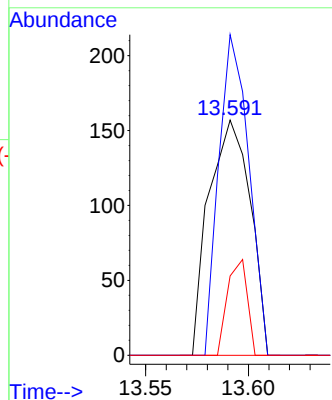
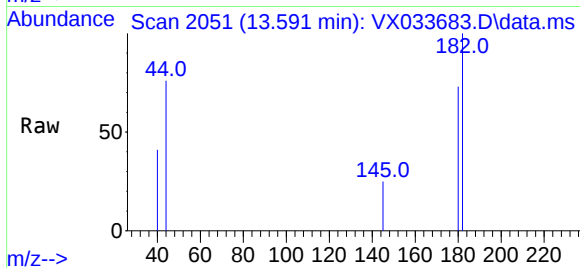
Tgt Ion:180 Resp: 220

Ion Ratio Lower Upper

180 100

182 98.6 47.4 142.2

145 19.5 14.1 42.2



#95

Naphthalene

Concen: 3.168 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX033683.D

Acq: 10 Jan 2023 14:29

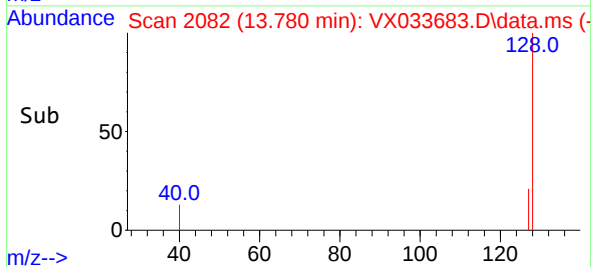
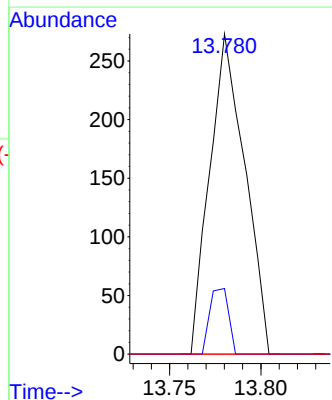
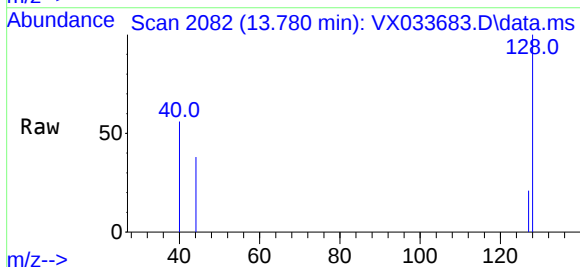
Tgt Ion:128 Resp: 367

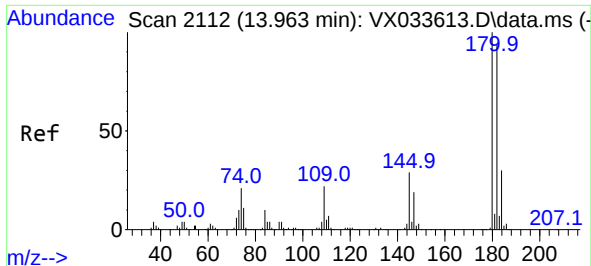
Ion Ratio Lower Upper

128 100

127 10.9 10.3 15.5

129 0.0 9.0 13.4#





#96

1,2,3-Trichlorobenzene

Concen: 3.818 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033683.D

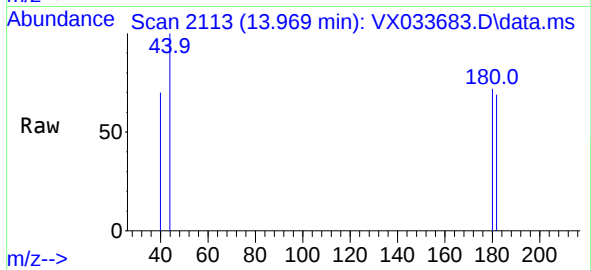
Acq: 10 Jan 2023 14:29

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20230109



Tgt Ion:180 Resp: 167

Ion Ratio Lower Upper

180 100

182 86.2 47.2 141.6

145 0.0 15.0 45.0#

