

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011023\
 Data File : VX033684.D
 Acq On : 10 Jan 2023 15:08
 Operator : JC/MD
 Sample : 01093-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20230109

Quant Time: Jan 11 00:33:33 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)

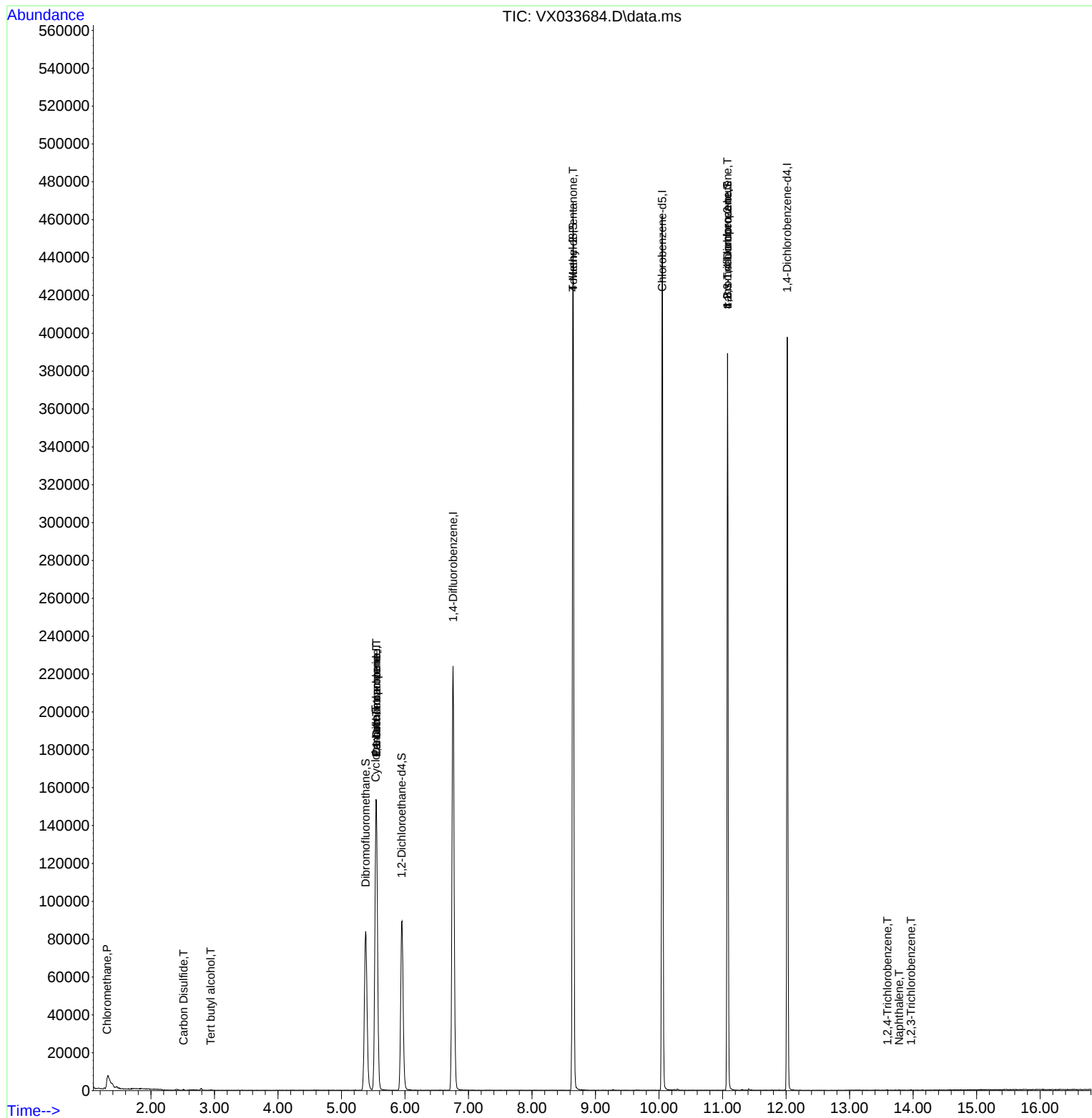
Internal Standards						
1) Pentafluorobenzene	5.550	168	158027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231930	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	211337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88536	49.630	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.260%
35) Dibromofluoromethane	5.379	113	74106	48.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.220%
50) Toluene-d8	8.647	98	272323	49.979	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.960%
62) 4-Bromofluorobenzene	11.079	95	96348	49.886	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	347	0.216	ug/l #	42
11) Tert butyl alcohol	2.941	59	144	0.491	ug/l #	80
16) Acetone	2.398	43	952	Below Cal	#	84
17) Carbon Disulfide	2.514	76	540	1.776	ug/l #	74
20) Methylene Chloride	2.782	84	475	Below Cal	#	75
31) Cyclohexane	5.538	56	2896	1.166	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	10858	5.258	ug/l #	51
37) Ethyl Acetate	4.641	43	26	Below Cal	#	69
38) Carbon Tetrachloride	5.550	117	14357	6.570	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1249	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48409	35.282	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	48409	107.085	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.597	180	143	1.677	ug/l #	87
95) Naphthalene	13.780	128	223	3.157	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	68	3.785	ug/l #	60

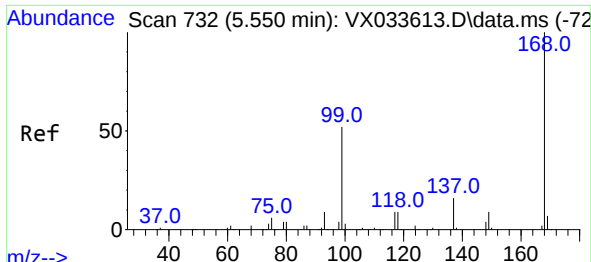
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 05 04:43:25 2023
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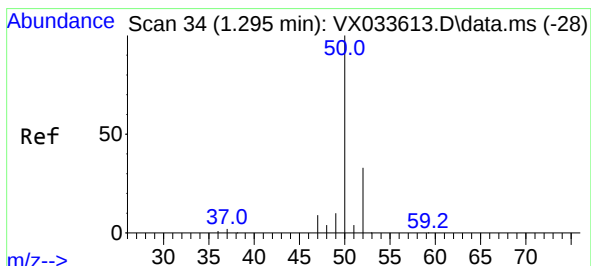
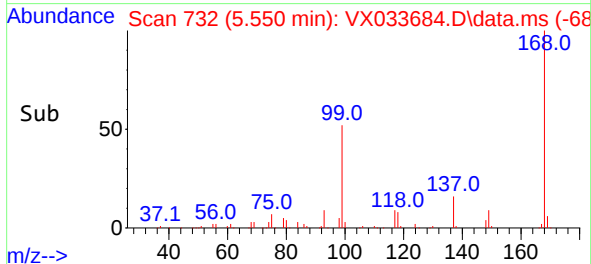
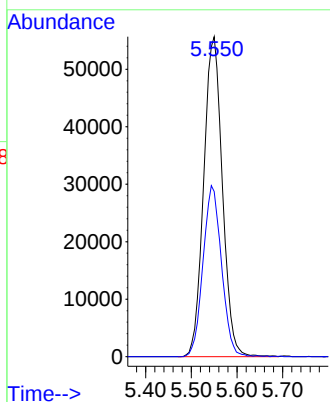
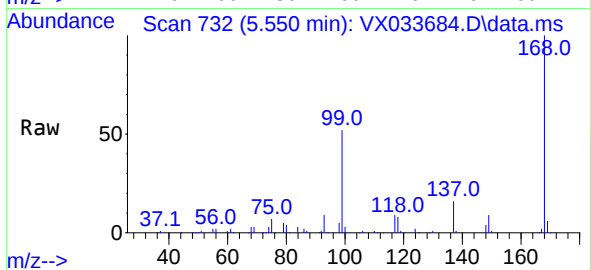




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

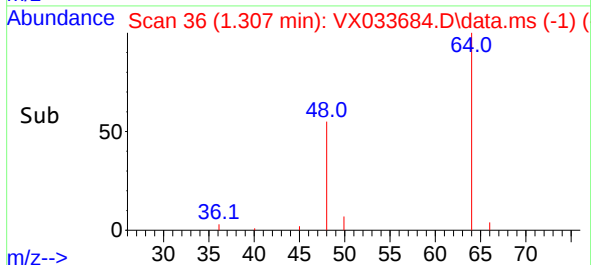
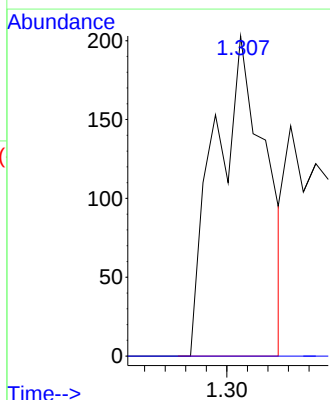
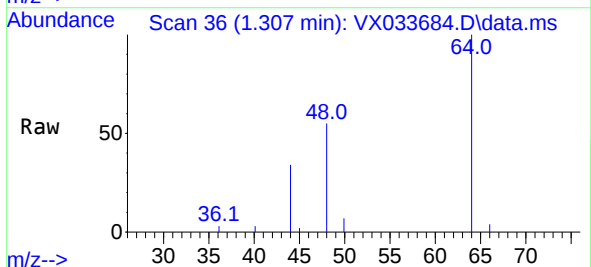
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

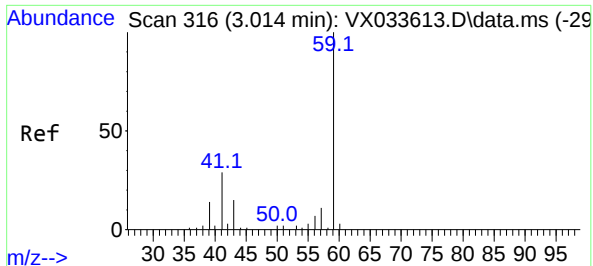
Tgt Ion:168 Resp: 158027
Ion Ratio Lower Upper
168 100
99 51.6 41.4 62.2



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 0.491 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.073 min

Lab File: VX033684.D

Acq: 10 Jan 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

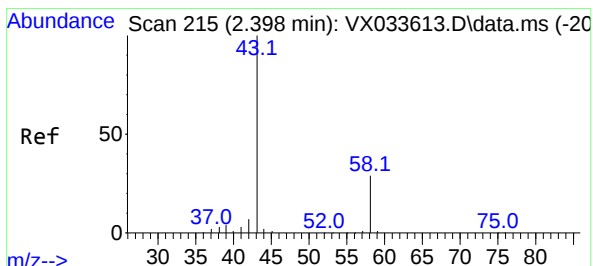
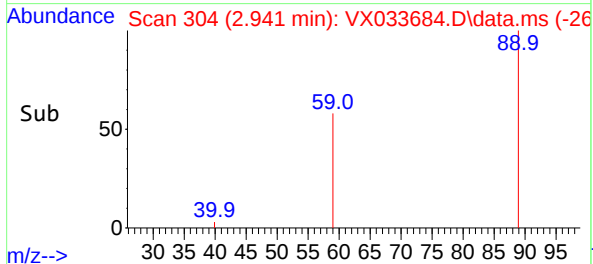
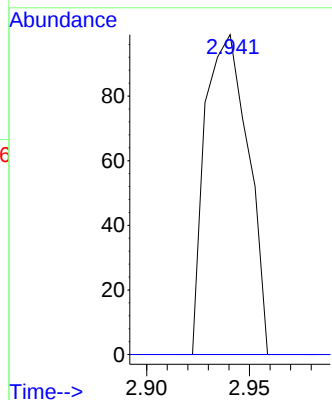
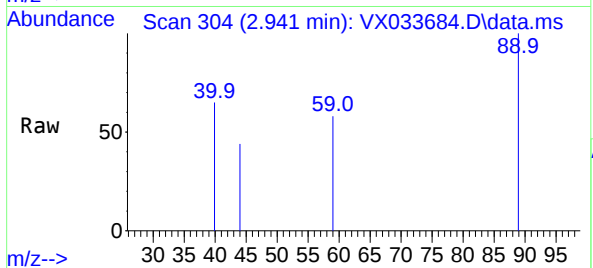
TT-TB-20230109

Tgt Ion: 59 Resp: 144

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: VX033684.D

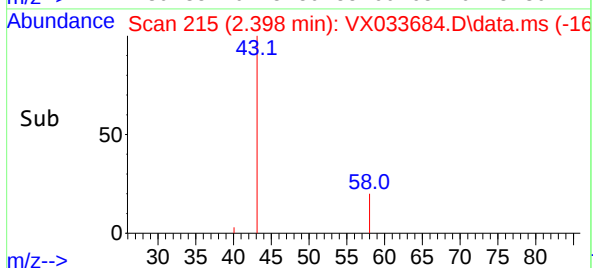
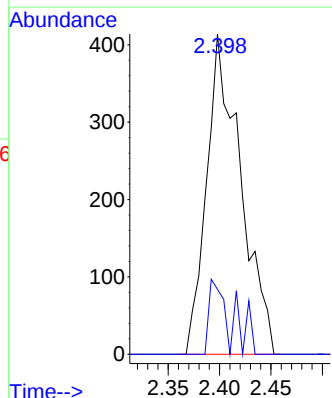
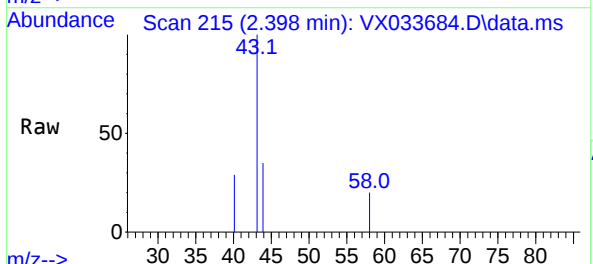
Acq: 10 Jan 2023 15:08

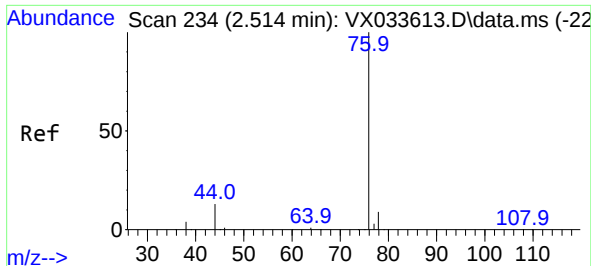
Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

43 100

58 20.3 22.9 34.3#

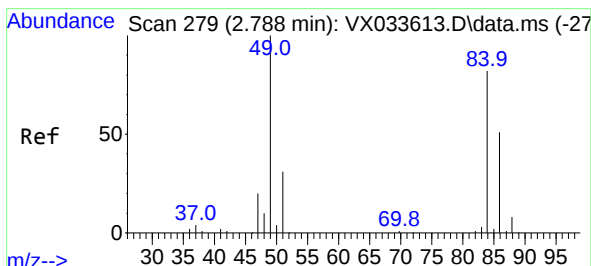
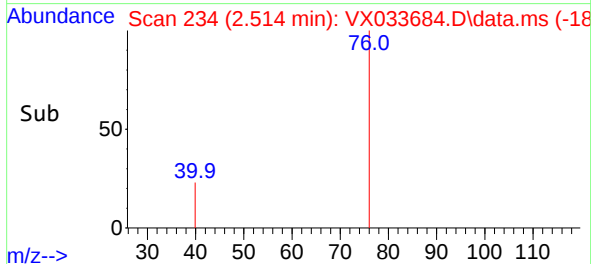
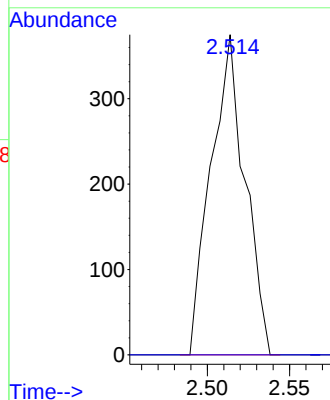
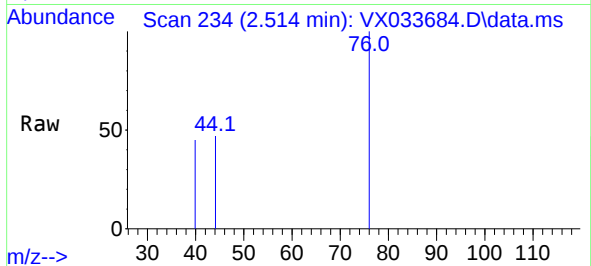




#17
Carbon Disulfide
Concen: 1.776 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

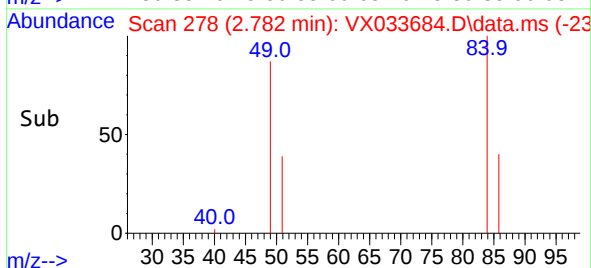
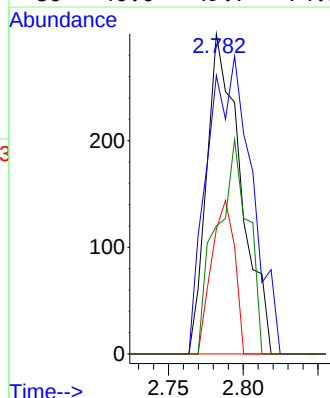
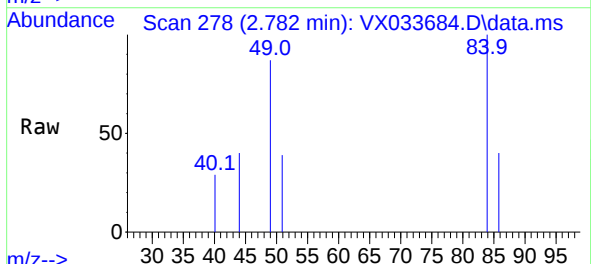
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

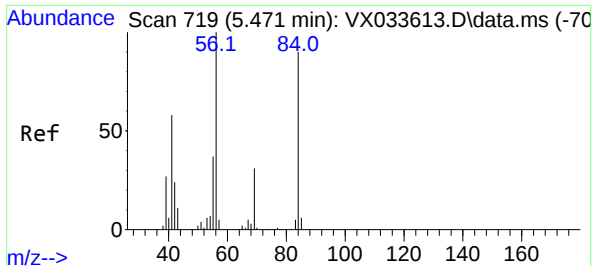
Tgt Ion: 76 Resp: 540
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

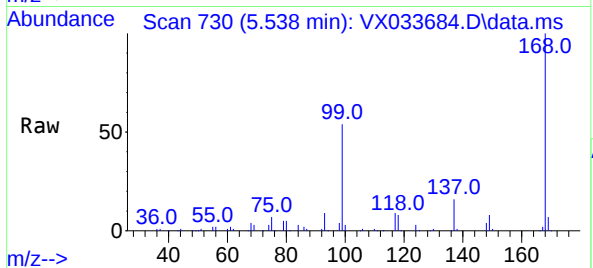
Tgt Ion: 84 Resp: 475
Ion Ratio Lower Upper
84 100
49 87.0 97.6 146.4#
51 39.0 30.4 45.6
86 40.0 49.7 74.5#



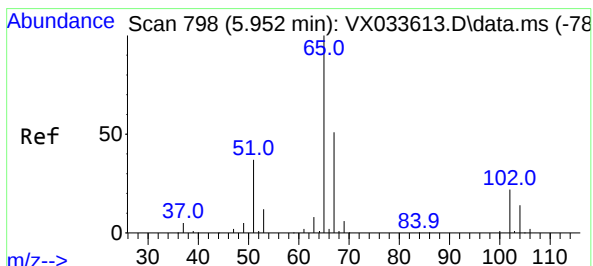
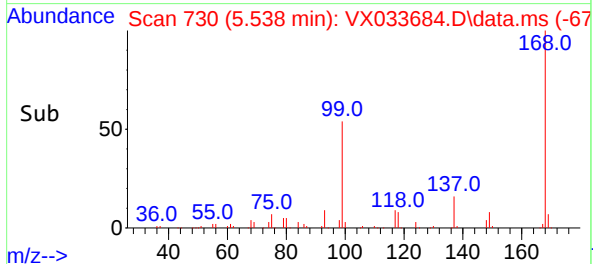
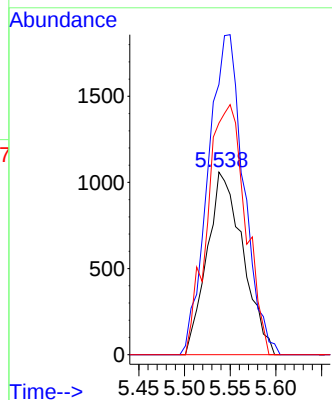


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

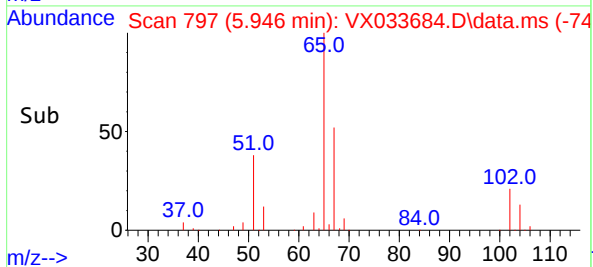
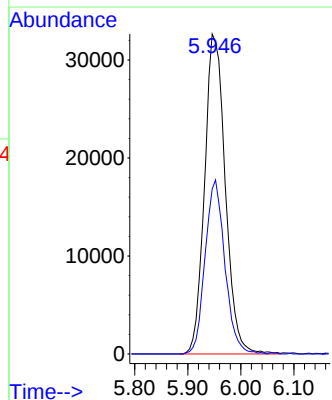
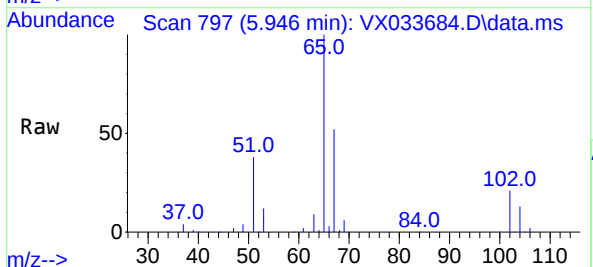


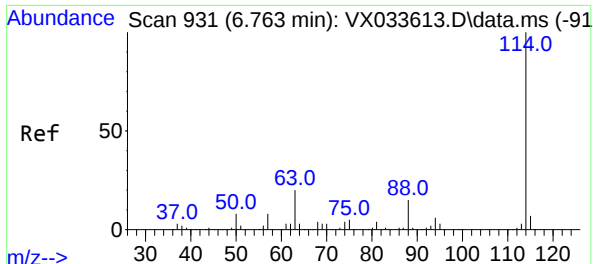
Tgt Ion: 56 Resp: 2896
Ion Ratio Lower Upper
56 100
69 148.0 24.6 36.8#
84 126.8 72.2 108.2#



#33
1,2-Dichloroethane-d4
Concen: 49.630 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Tgt Ion: 65 Resp: 88536
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

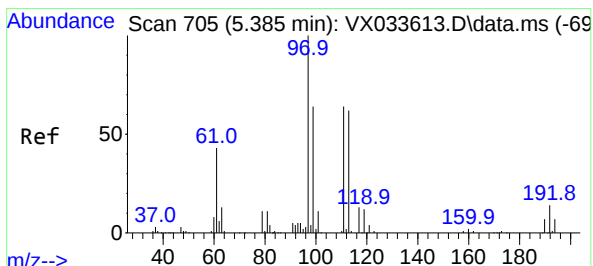
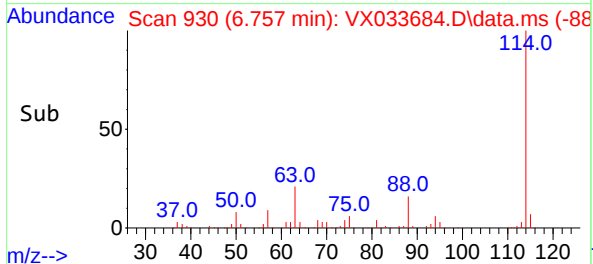
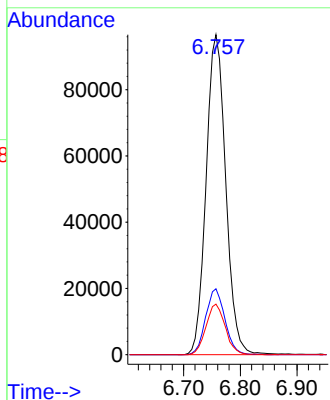
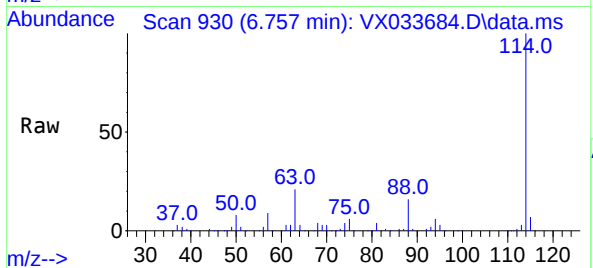




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

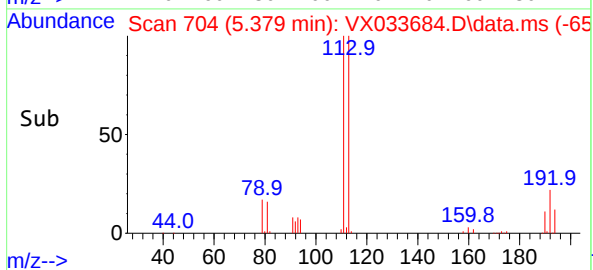
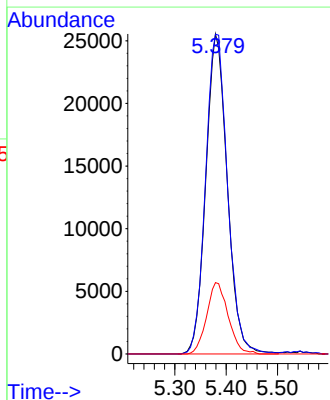
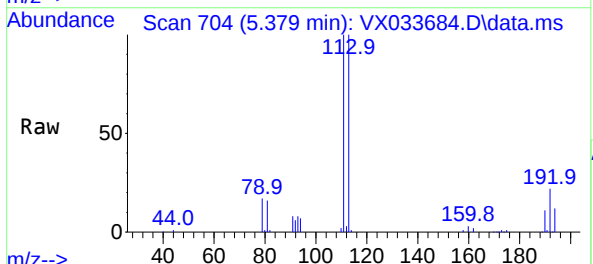
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

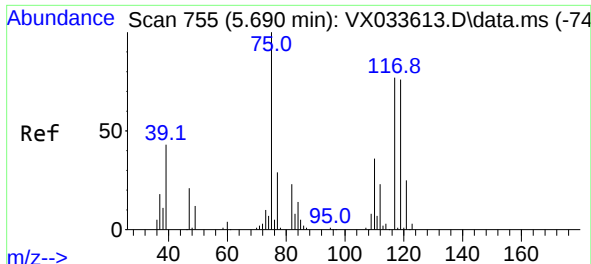
Tgt Ion:114 Resp: 231930
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.0
88 15.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 48.612 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Tgt Ion:113 Resp: 74106
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 22.3 18.2 27.2





#36

1,1-Dichloropropene

Concen: 5.258 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033684.D

Acq: 10 Jan 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20230109

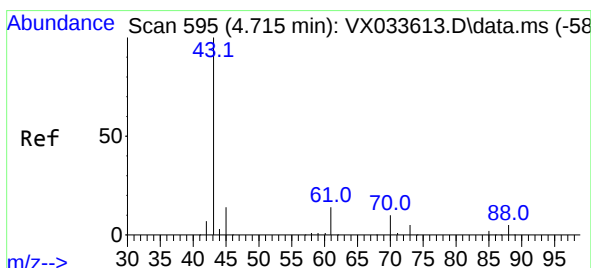
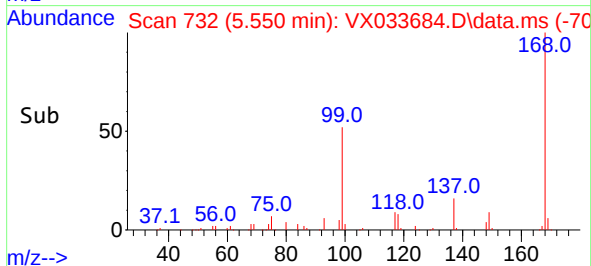
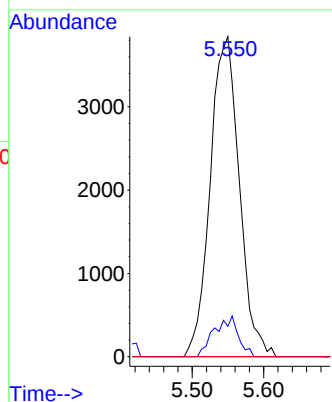
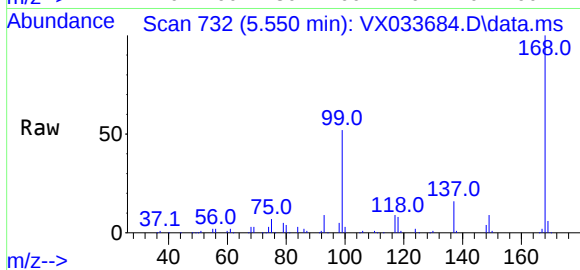
Tgt Ion: 75 Resp: 10858

Ion Ratio Lower Upper

75 100

110 10.5 18.0 54.0#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.641 min Scan# 583

Delta R.T. -0.074 min

Lab File: VX033684.D

Acq: 10 Jan 2023 15:08

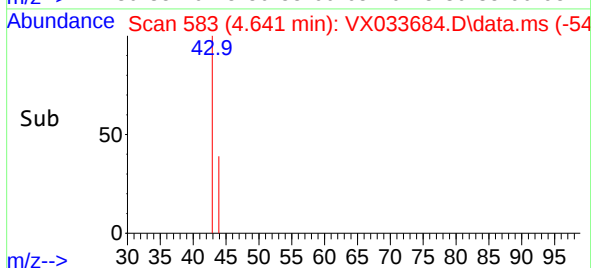
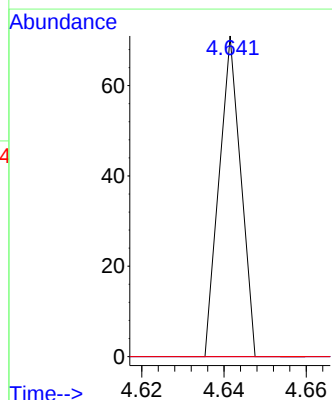
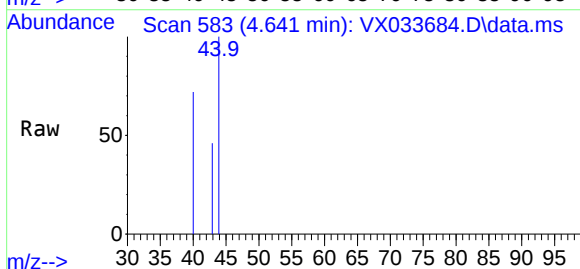
Tgt Ion: 43 Resp: 26

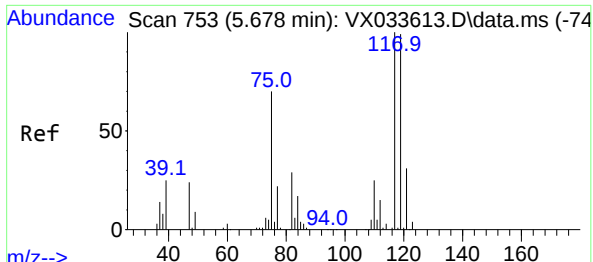
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

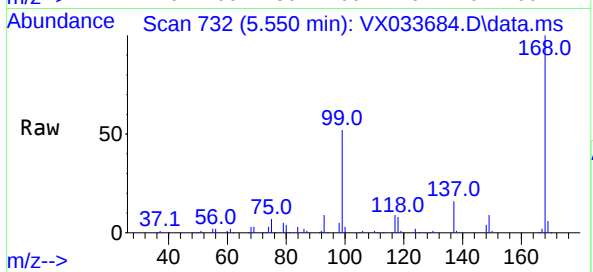
70 0.0 8.1 12.1#



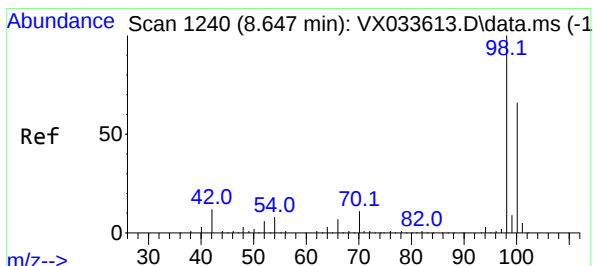
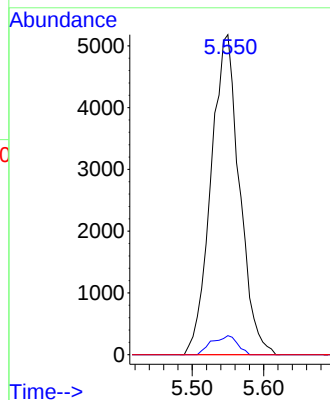
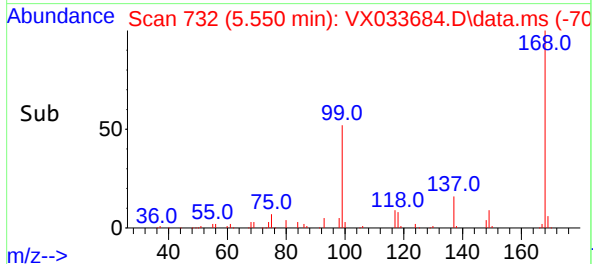


#38
Carbon Tetrachloride
Concen: 6.570 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

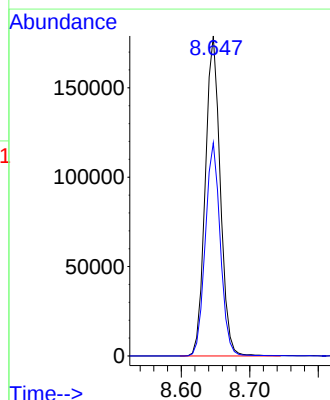
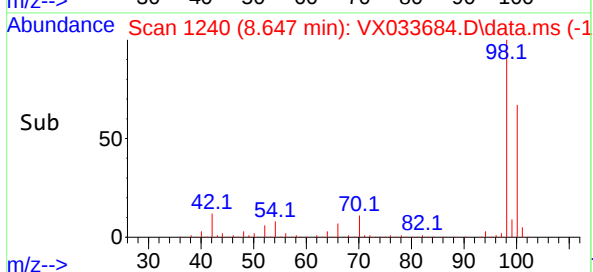
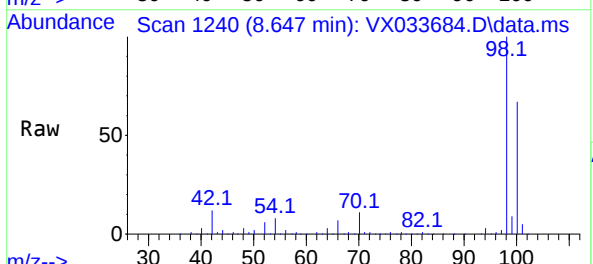


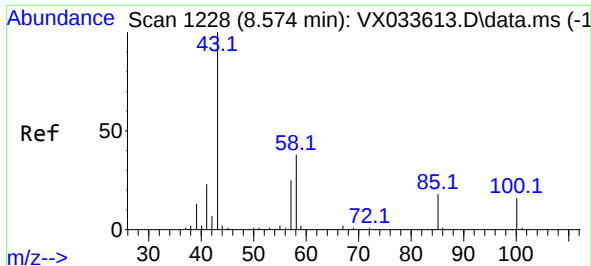
Tgt Ion:117 Resp: 14357
Ion Ratio Lower Upper
117 100
119 6.0 78.8 118.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.979 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Tgt Ion: 98 Resp: 272323
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.559 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033684.D

Acq: 10 Jan 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

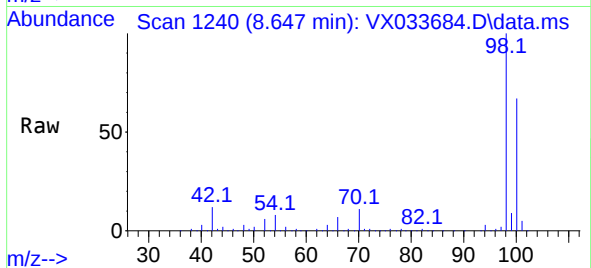
TT-TB-20230109

Tgt Ion: 43 Resp: 1249

Ion Ratio Lower Upper

43 100

58 188.9 30.5 45.7#



Abundance

1500

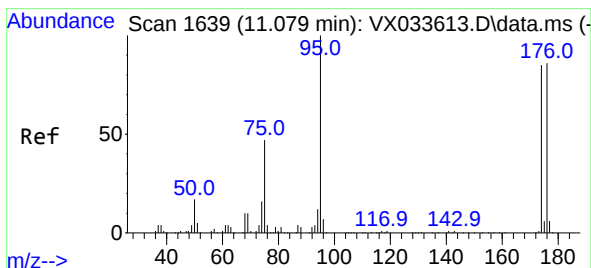
1000

500

0

8.647

Time-->



#62

4-Bromofluorobenzene

Concen: 49.886 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033684.D

Acq: 10 Jan 2023 15:08

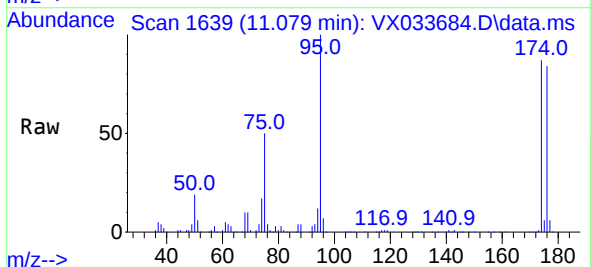
Tgt Ion: 95 Resp: 96348

Ion Ratio Lower Upper

95 100

174 89.4 0.0 180.4

176 85.8 0.0 176.2



Abundance

60000

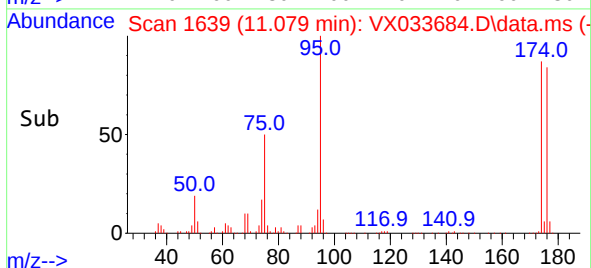
40000

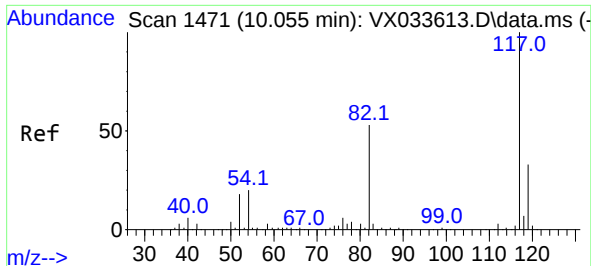
20000

0

11.079

Time-->

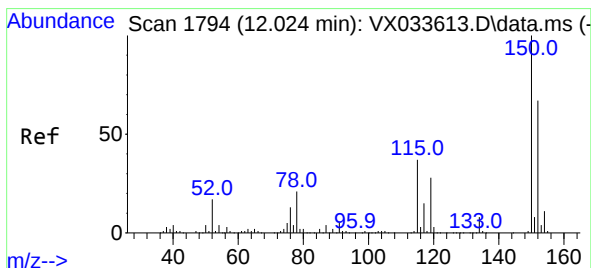
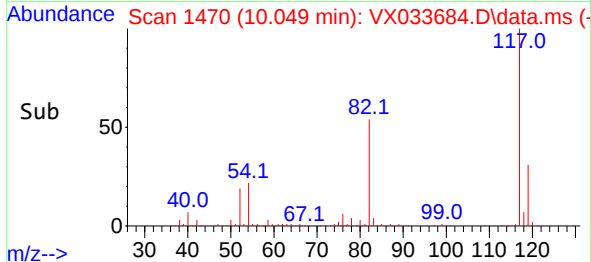
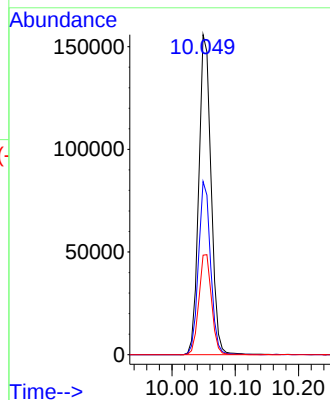
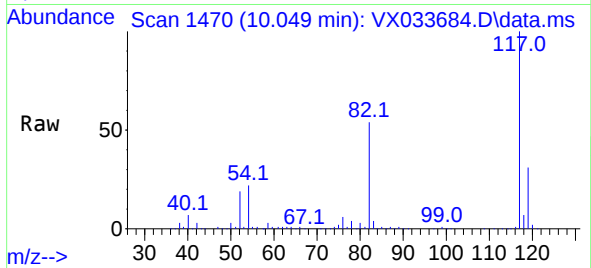




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

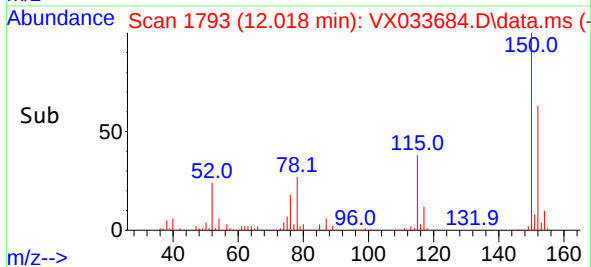
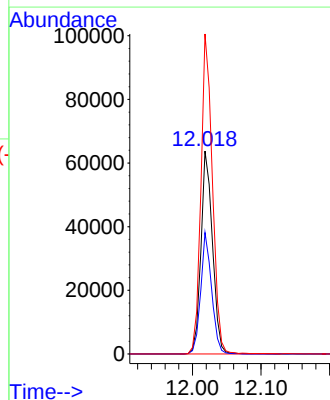
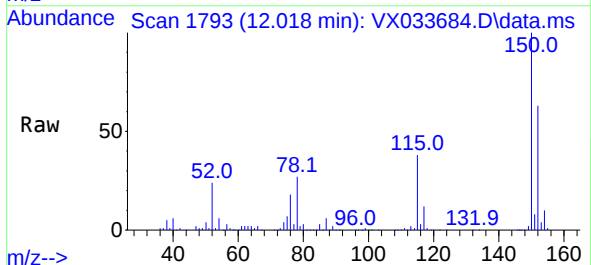
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

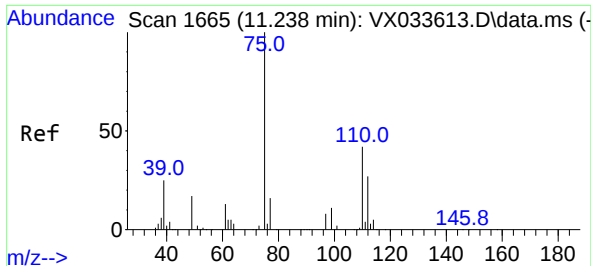
Tgt Ion:117 Resp: 211337
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.2
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Tgt Ion:152 Resp: 74894
Ion Ratio Lower Upper
152 100
115 56.6 38.5 115.5
150 156.7 0.0 340.4

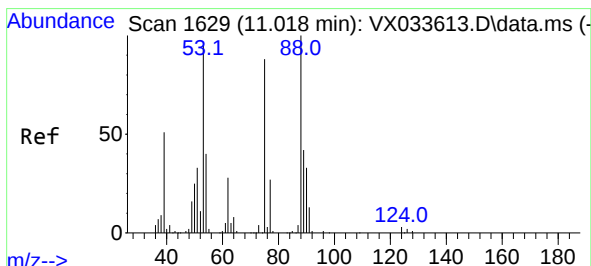
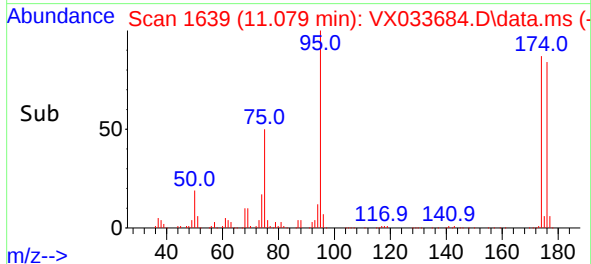
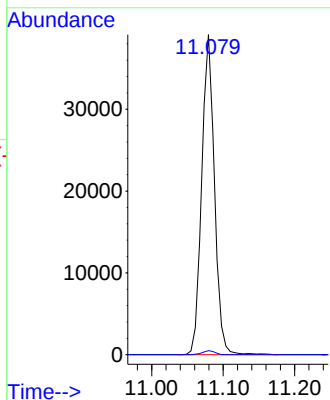
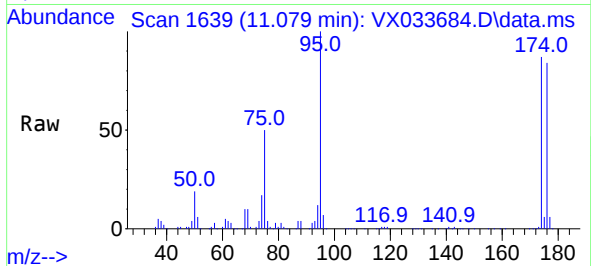




#76
1,2,3-Trichloropropane
Concen: 35.282 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

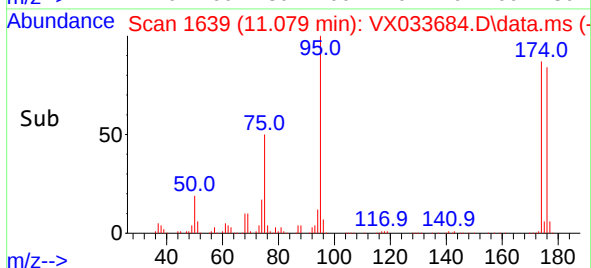
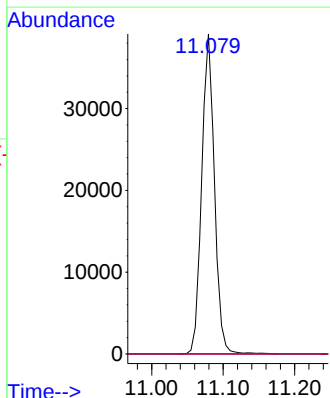
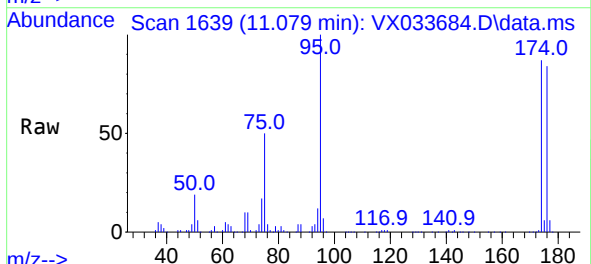
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

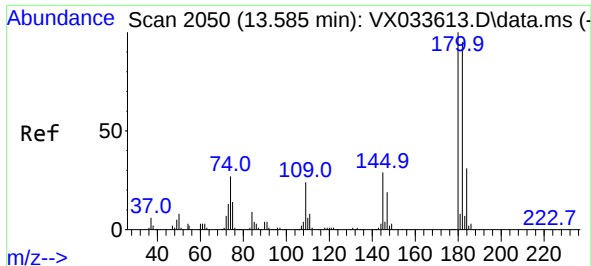
Tgt Ion: 75 Resp: 48409
Ion Ratio Lower Upper
75 100
77 1.2 21.3 63.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

Tgt Ion: 75 Resp: 48409
Ion Ratio Lower Upper
75 100
53 0.0 86.4 129.6#
89 0.0 37.4 56.2#

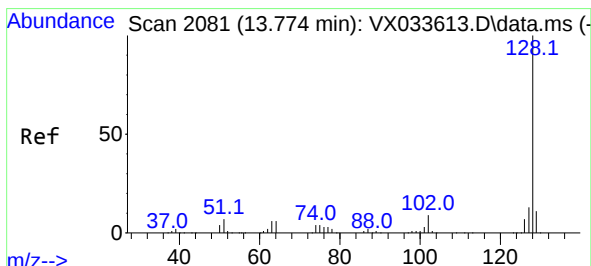
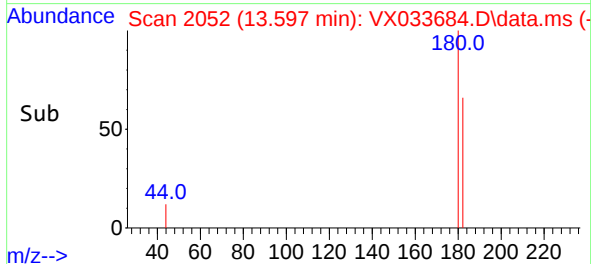
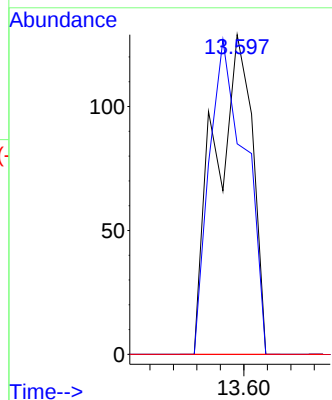
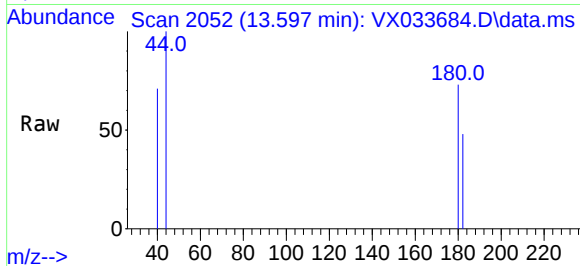




#93
1,2,4-Trichlorobenzene
Concen: 1.677 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

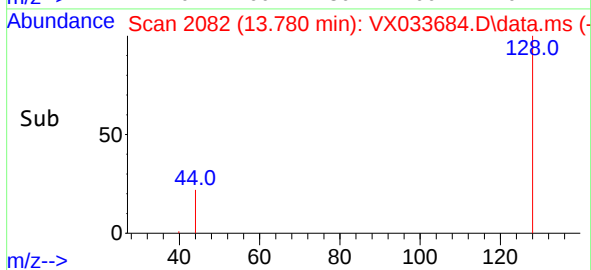
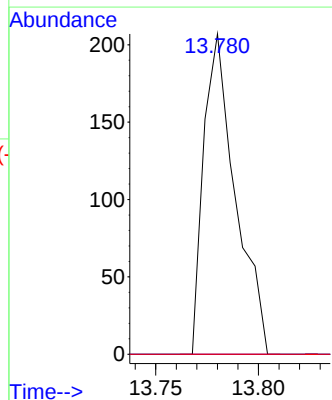
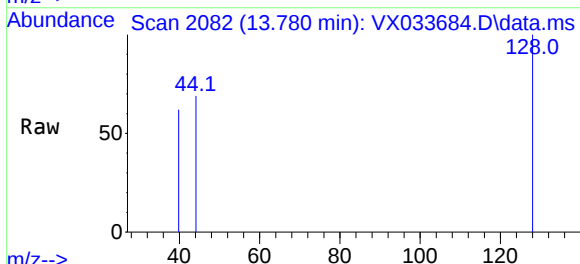
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20230109

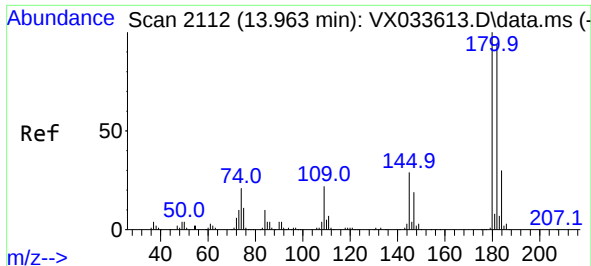
Tgt Ion:180 Resp: 143
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 0.0 14.1 42.2#



#95
Naphthalene
Concen: 3.157 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033684.D
Acq: 10 Jan 2023 15:08

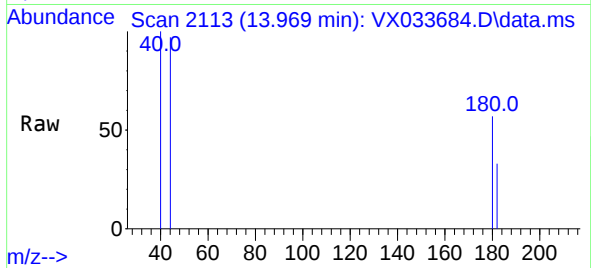
Tgt Ion:128 Resp: 223
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.785 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX033684.D
 Acq: 10 Jan 2023 15:08

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20230109



Tgt Ion:	180	Resp:	68
Ion	Ratio	Lower	Upper
180	100		
182	127.9	47.2	141.6
145	0.0	15.0	45.0#

