

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035864.D
 Acq On : 25 May 2023 19:27
 Operator : JC/MD
 Sample : 02911-10RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230522

Quant Time: May 26 07:25:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

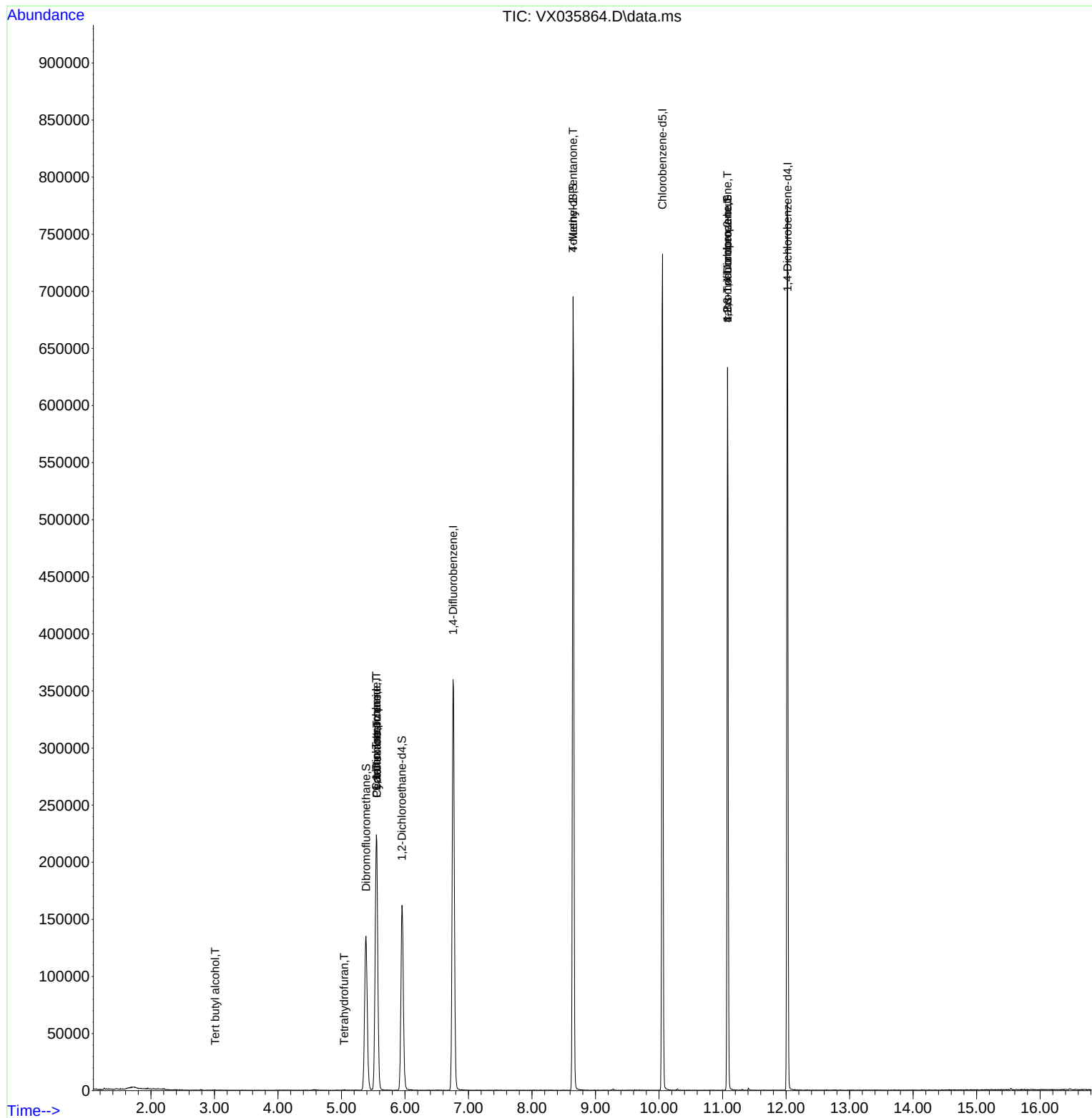
Internal Standards						
1) Pentafluorobenzene	5.556	168	201848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	354384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151958	43.154	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.300%
35) Dibromofluoromethane	5.385	113	118423	49.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	8.647	98	396431	44.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.800%#
62) 4-Bromofluorobenzene	11.079	95	158515	44.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.014	59	151	0.243	ug/l #	73
29) Tetrahydrofuran	5.044	42	324	0.246	ug/l #	40
31) Cyclohexane	5.556	56	5110	1.149	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	17259	4.575	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22386	6.264	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2029	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85176	22.704	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	85176	73.173	ug/l #	8

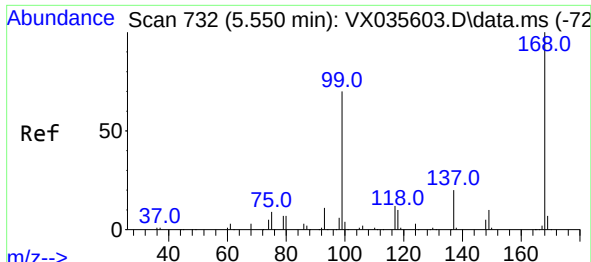
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

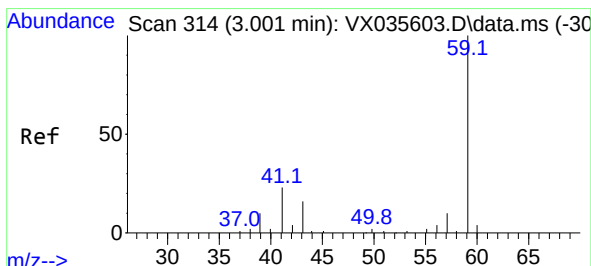
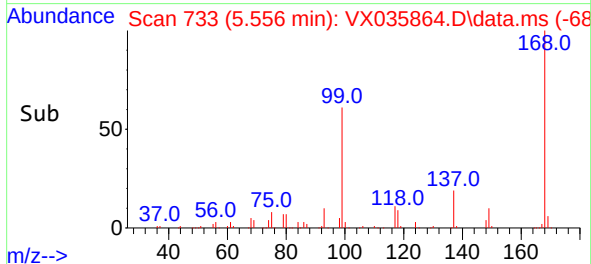
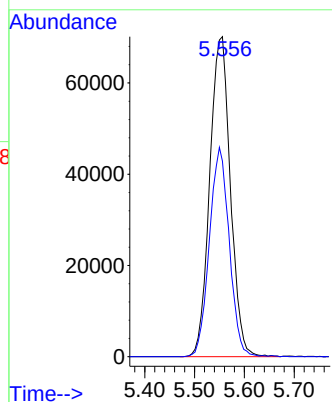
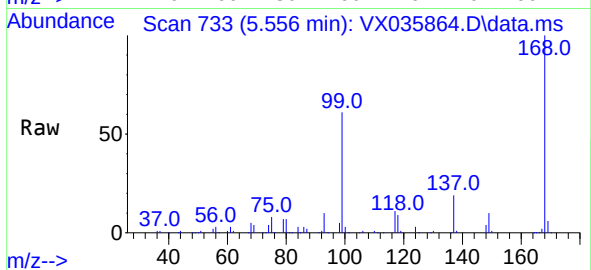




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

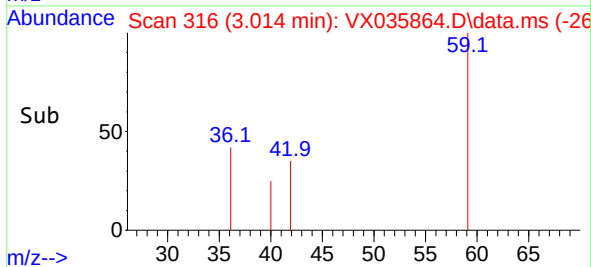
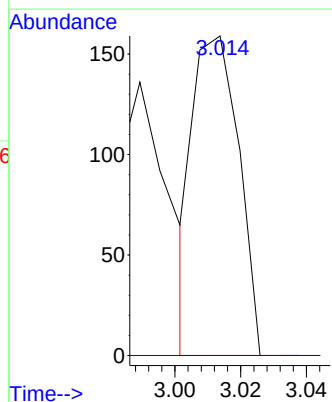
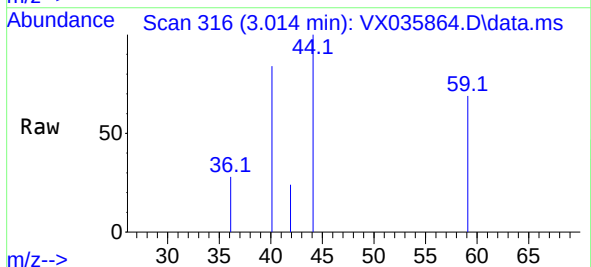
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

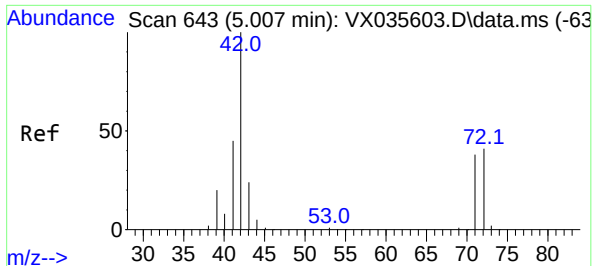
Tgt Ion:168 Resp: 201848
Ion Ratio Lower Upper
168 100
99 61.1 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.243 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.013 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX035864.D

Acq: 25 May 2023 19:27

Instrument :

MSVOA_X

ClientSampleId :

TB02-20230522

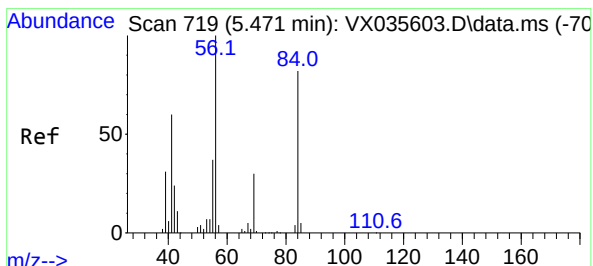
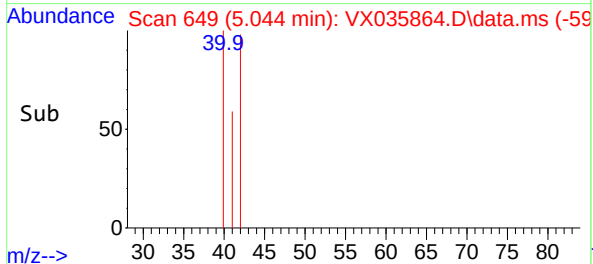
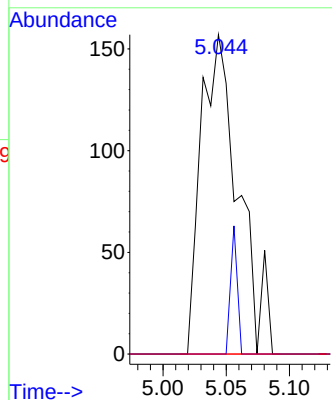
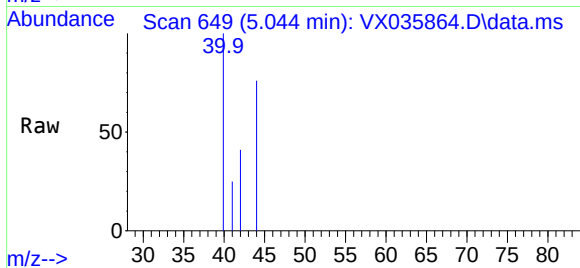
Tgt Ion: 42 Resp: 324

Ion Ratio Lower Upper

42 100

72 7.1 34.5 51.7#

71 0.0 32.1 48.1#



#31

Cyclohexane

Concen: 1.149 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX035864.D

Acq: 25 May 2023 19:27

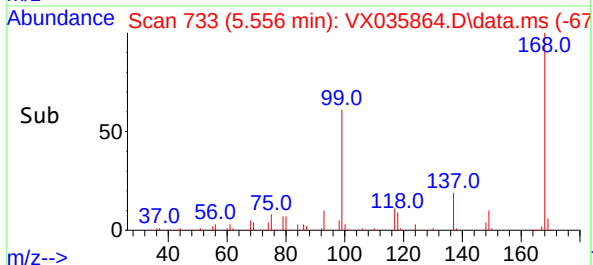
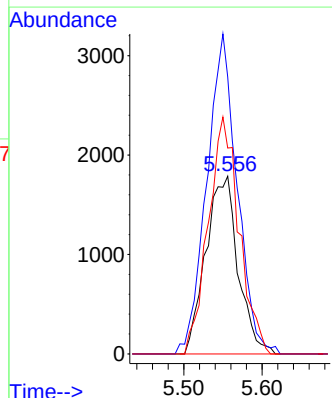
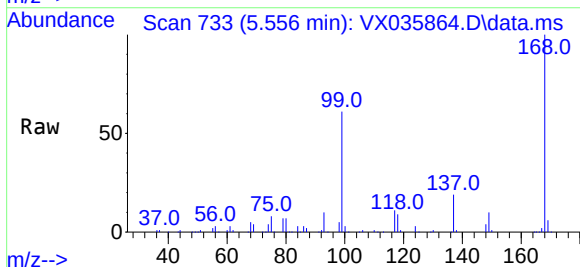
Tgt Ion: 56 Resp: 5110

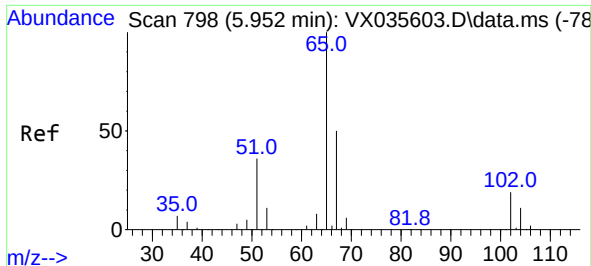
Ion Ratio Lower Upper

56 100

69 155.8 23.7 35.5#

84 123.0 68.5 102.7#

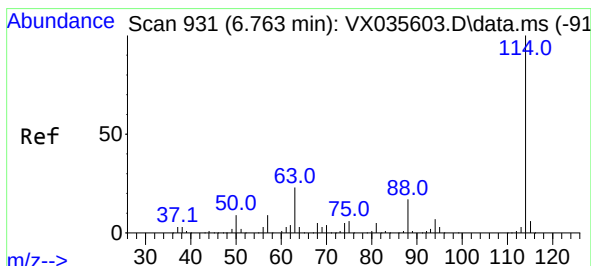
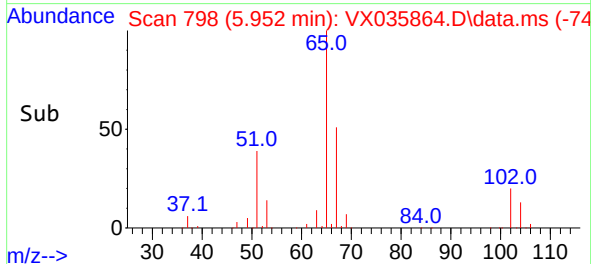
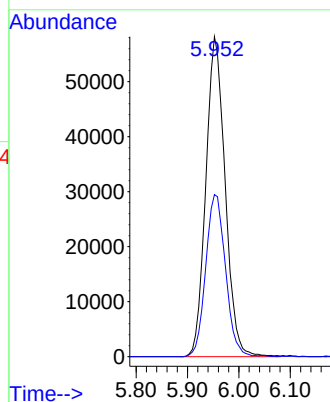
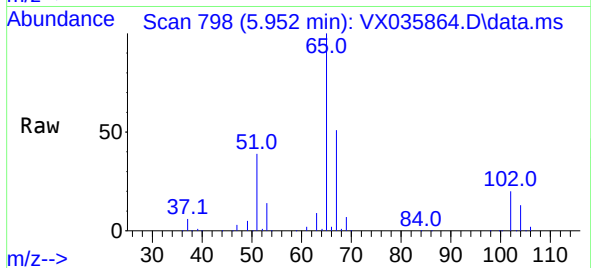




#33
1,2-Dichloroethane-d4
Concen: 43.154 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

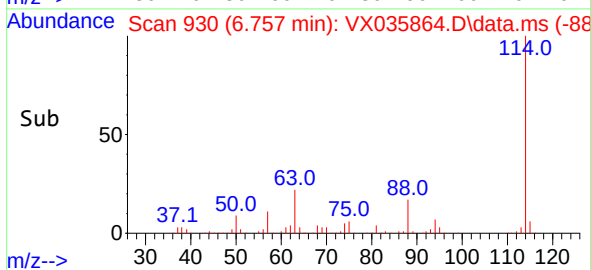
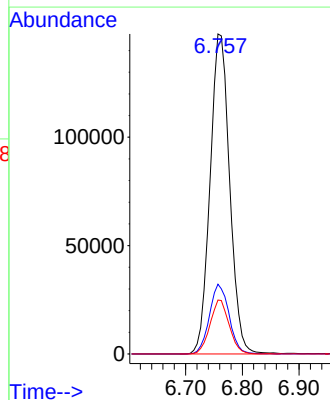
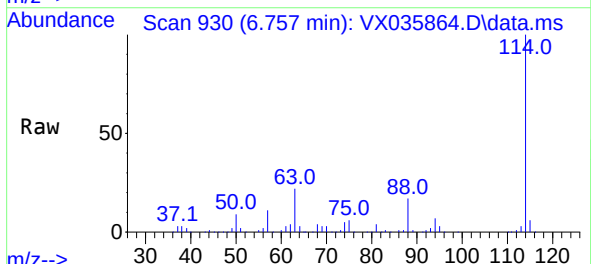
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

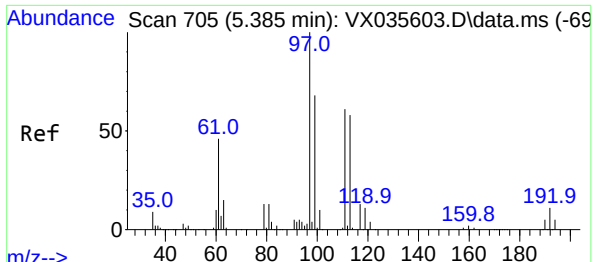
Tgt Ion: 65 Resp: 151958
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

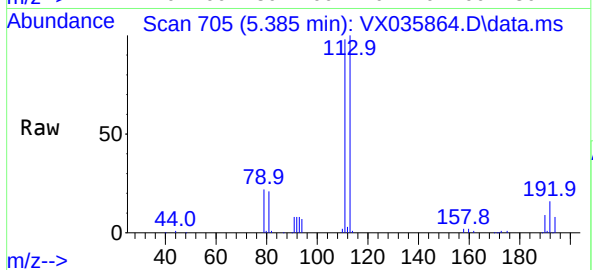
Tgt Ion: 114 Resp: 354384
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 16.9 0.0 33.2



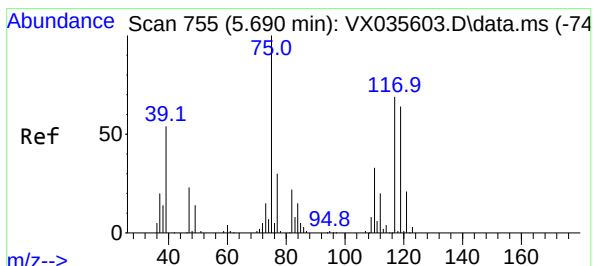
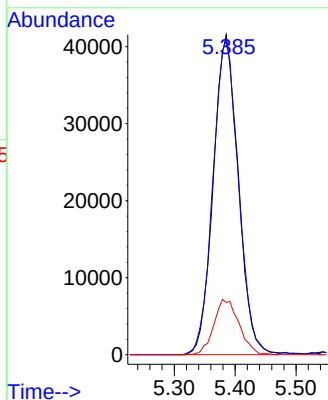
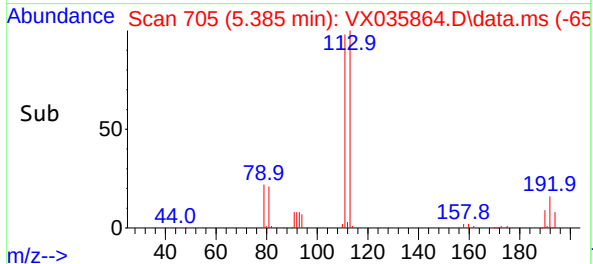


#35
Dibromofluoromethane
Concen: 49.550 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

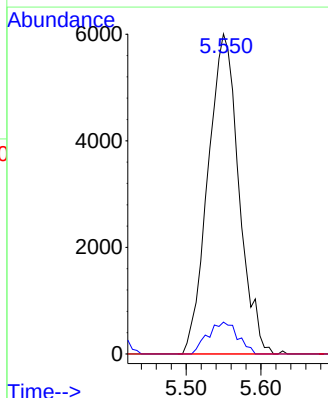
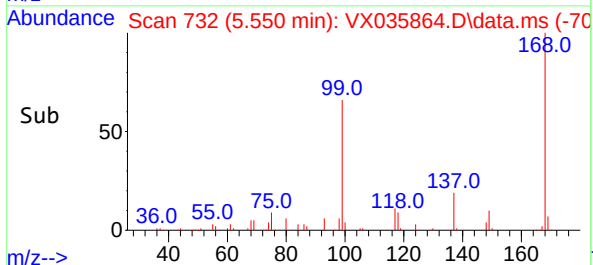
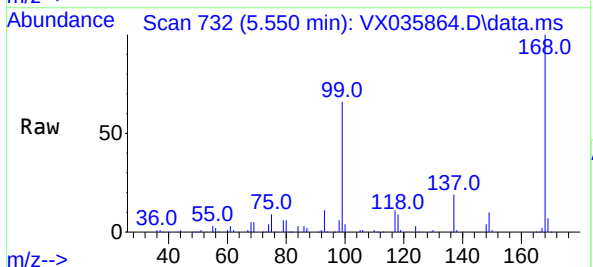


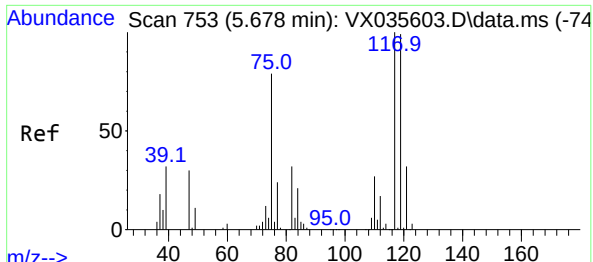
Tgt Ion:113 Resp: 118423
Ion Ratio Lower Upper
113 100
111 100.6 83.7 125.5
192 17.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.575 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

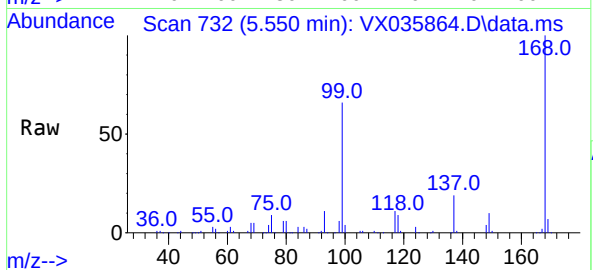
Tgt Ion: 75 Resp: 17259
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



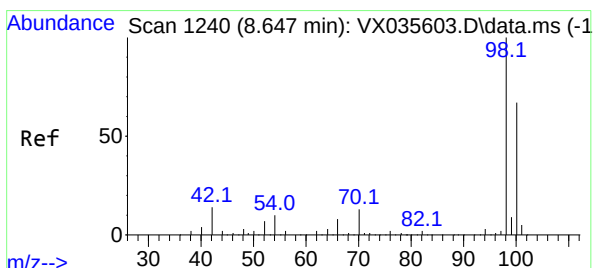
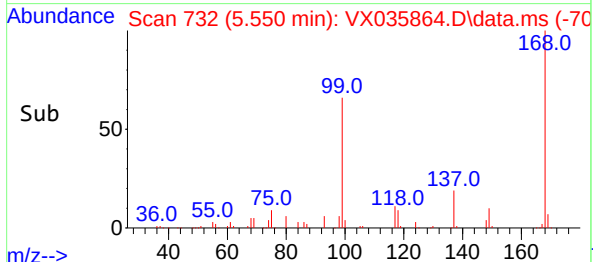
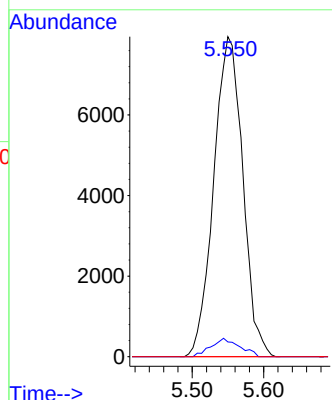


#38
Carbon Tetrachloride
Concen: 6.264 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Instrument :
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ClientSampleId :
TB02-20230522

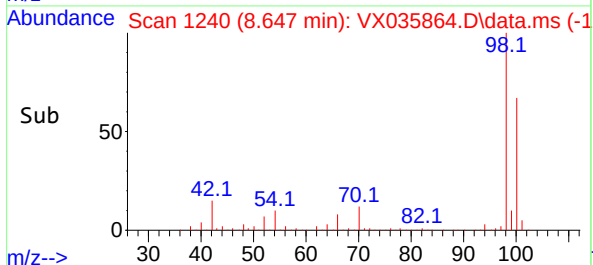
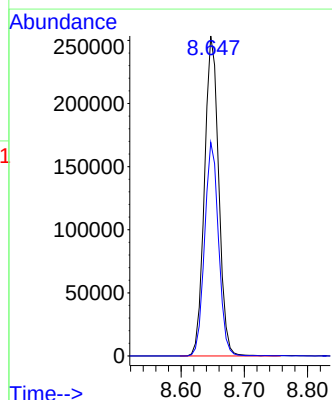
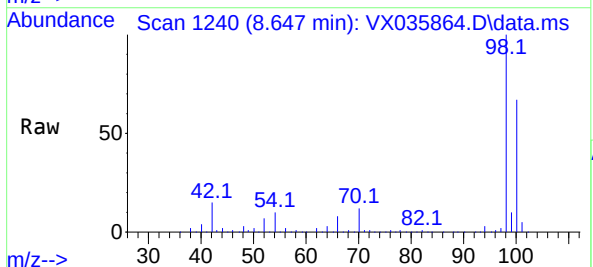


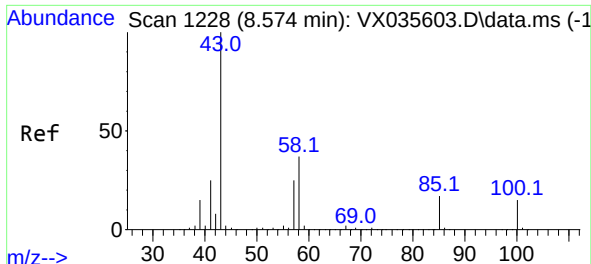
Tgt Ion:117 Resp: 22386
Ion Ratio Lower Upper
117 100
119 4.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 44.901 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion: 98 Resp: 396431
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.513 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035864.D

Acq: 25 May 2023 19:27

Instrument :

MSVOA_X

ClientSampleId :

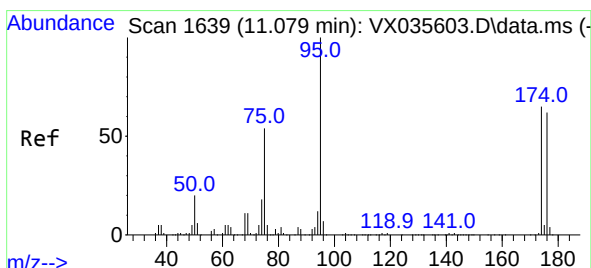
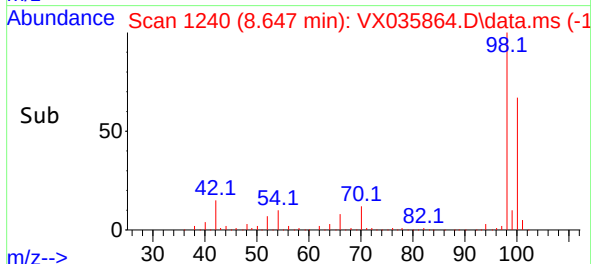
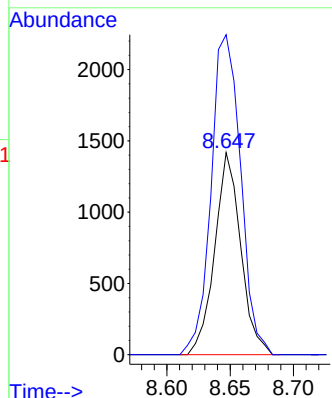
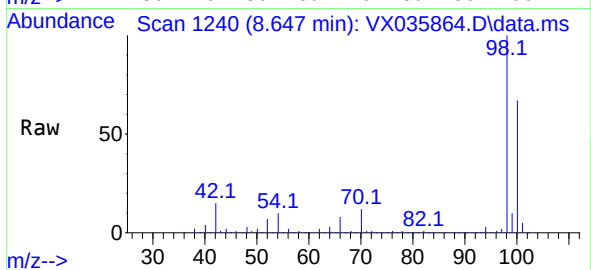
TB02-20230522

Tgt Ion: 43 Resp: 2029

Ion Ratio Lower Upper

43 100

58 179.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.590 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035864.D

Acq: 25 May 2023 19:27

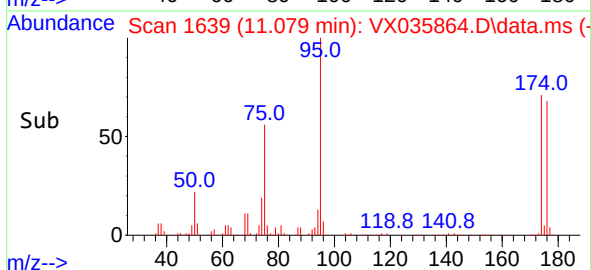
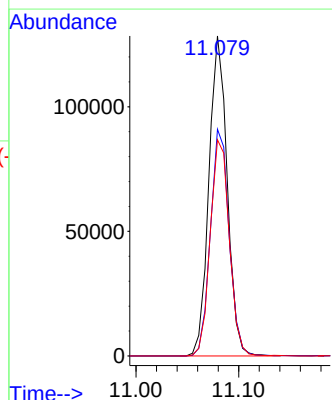
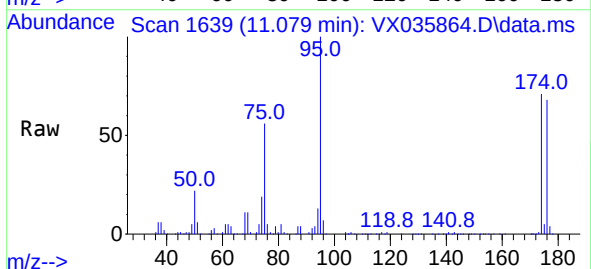
Tgt Ion: 95 Resp: 158515

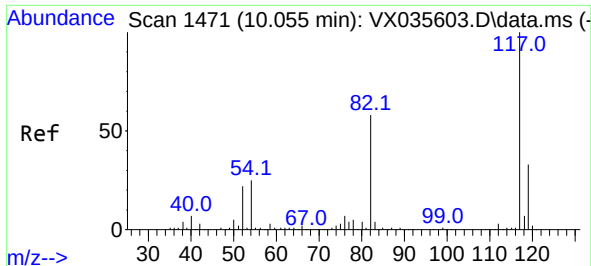
Ion Ratio Lower Upper

95 100

174 72.4 0.0 147.4

176 70.6 0.0 140.6

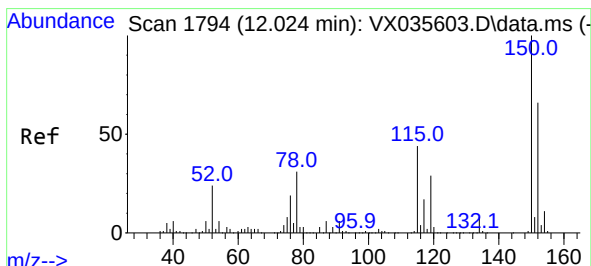
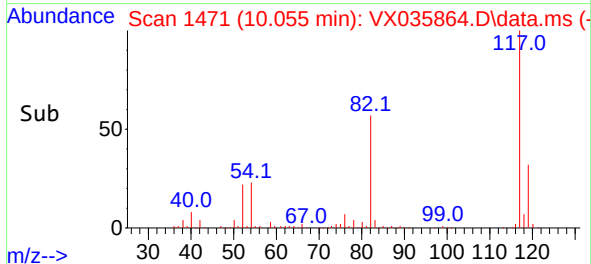
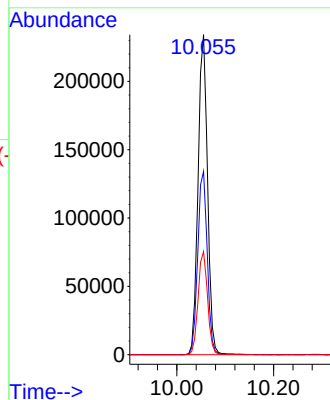
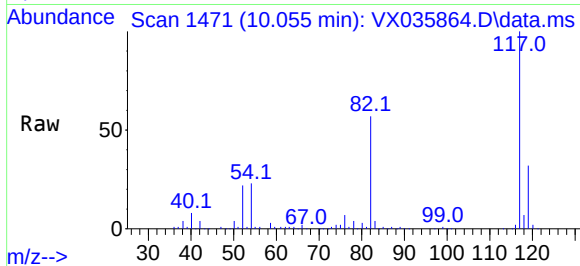




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

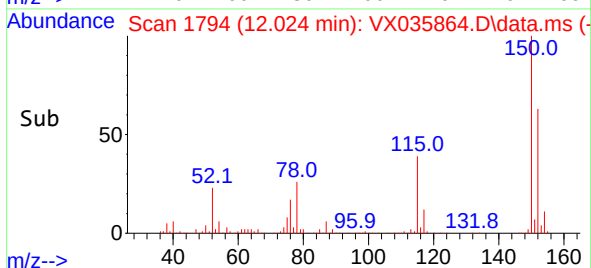
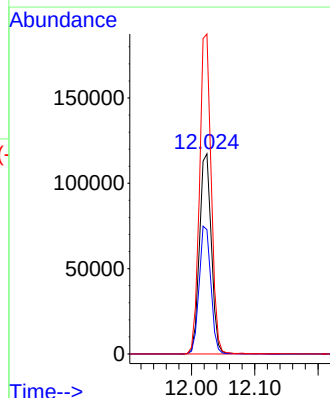
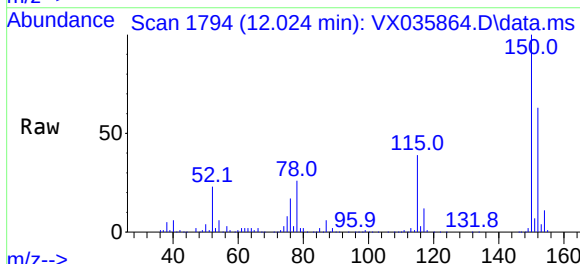
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

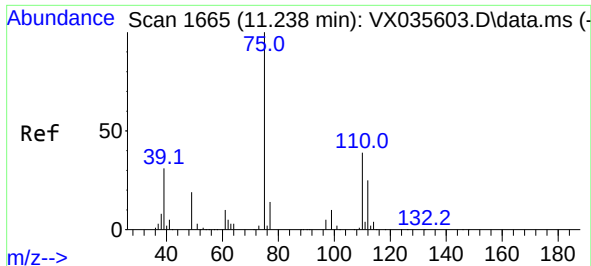
Tgt Ion:117 Resp: 316970
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion:152 Resp: 153372
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 157.1 0.0 352.4

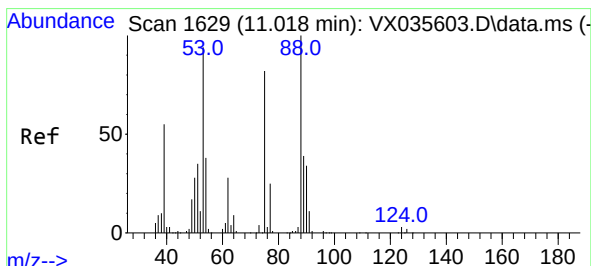
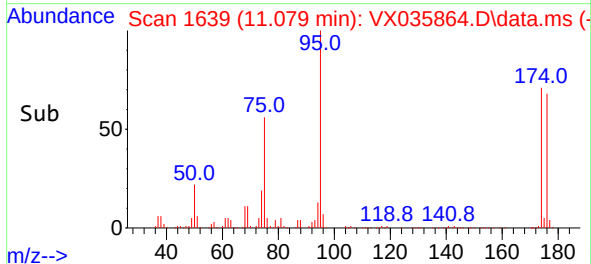
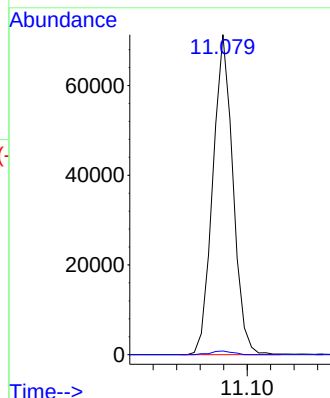
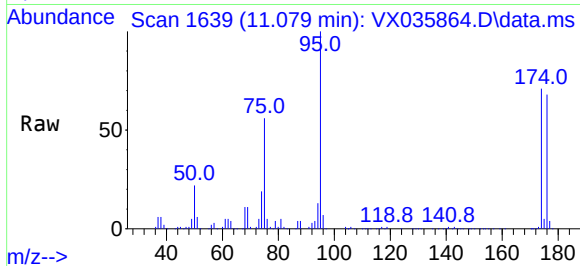




#76
1,2,3-Trichloropropane
Concen: 22.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

Tgt Ion: 75 Resp: 85176
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035864.D
Acq: 25 May 2023 19:27

Tgt Ion: 75 Resp: 85176
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

