

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035839.D
 Acq On : 24 May 2023 16:24
 Operator : JC/MD
 Sample : 02911-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230522

Quant Time: May 25 05:33:01 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)

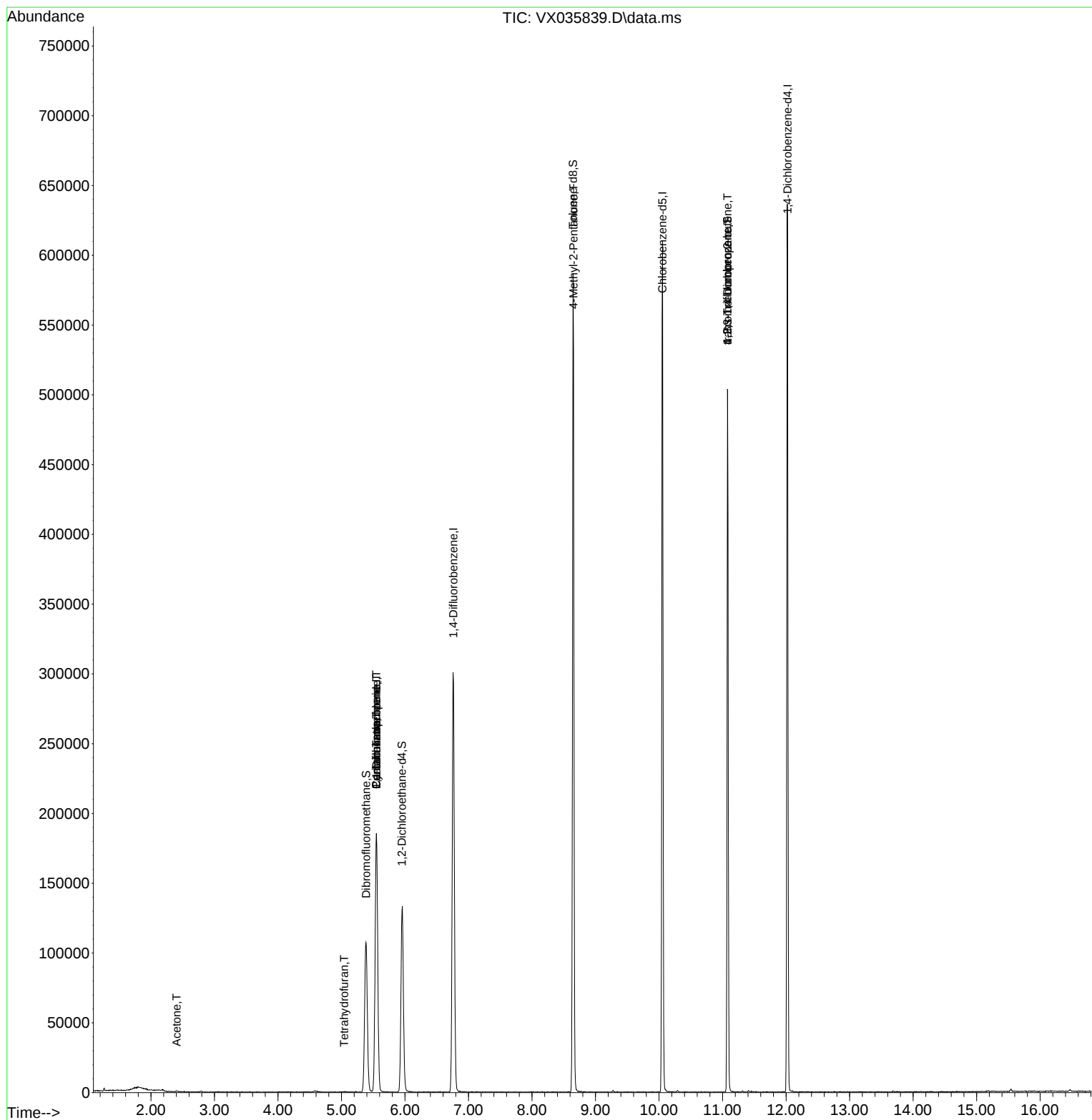
Internal Standards						
1) Pentafluorobenzene	5.550	168	170858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	300545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	126313	42.377	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.760%
35) Dibromofluoromethane	5.385	113	95582	47.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	8.647	98	329035	43.943	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.880%#
62) 4-Bromofluorobenzene	11.079	95	129780	43.046	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.100%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1086	0.848	ug/l #	86
29) Tetrahydrofuran	5.044	42	439	0.394	ug/l #	38
31) Cyclohexane	5.550	56	4056	1.077	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	14845	4.640	ug/l #	50
38) Carbon Tetrachloride	5.550	117	18203	6.006	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1844	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68434	22.539	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	68434	72.638	ug/l #	8

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

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Sample : 02911-10
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MSVOA_X
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TB02-20230522

Quant Time: May 25 05:33:01 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

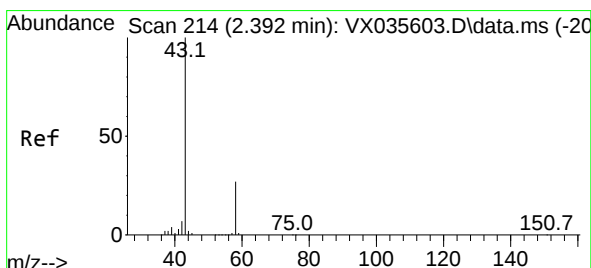
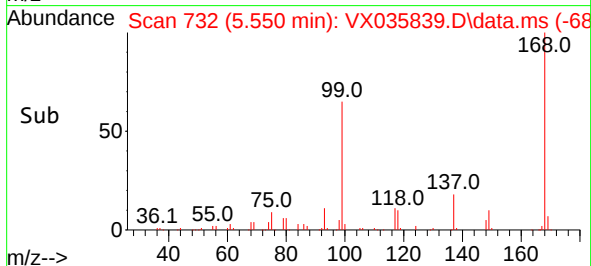
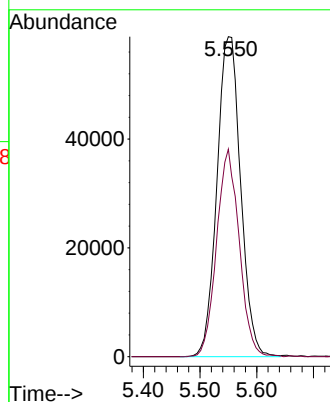
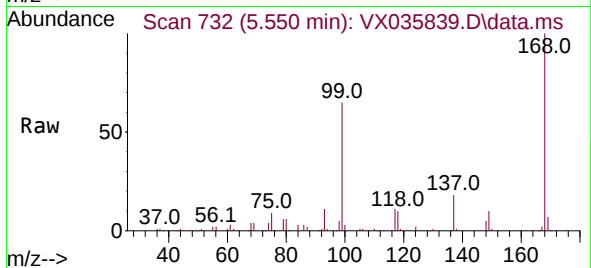




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

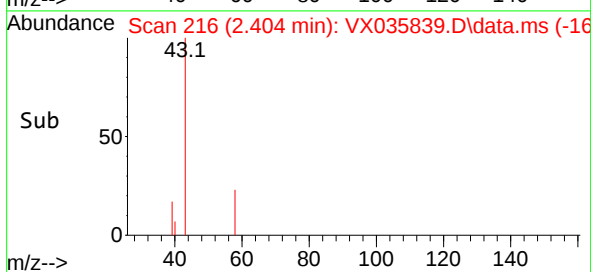
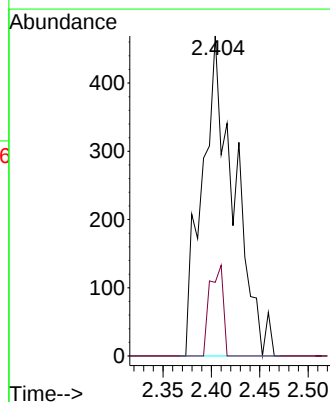
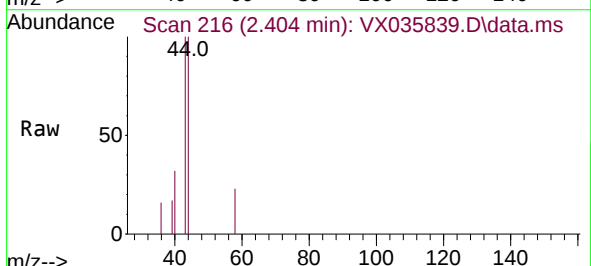
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

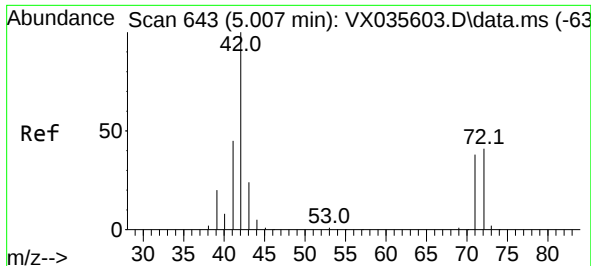
Tgt Ion:168 Resp: 170858
Ion Ratio Lower Upper
168 100
99 64.8 45.7 68.5



#16
Acetone
Concen: 0.848 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 23.0 24.7 37.1#





#29

Tetrahydrofuran

Concen: 0.394 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.037 min

Lab File: VX035839.D

Acq: 24 May 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

TB02-20230522

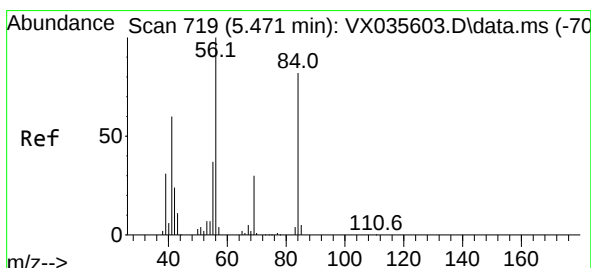
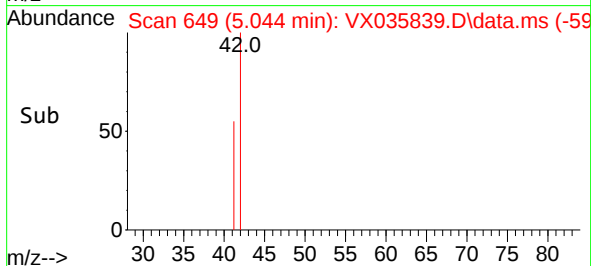
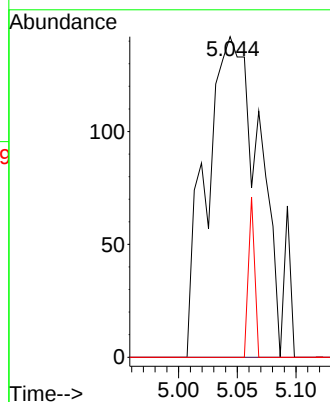
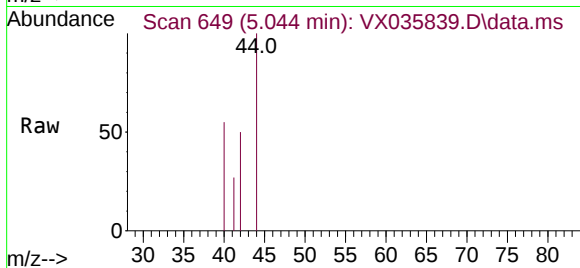
Tgt Ion: 42 Resp: 439

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 5.9 32.1 48.1#



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035839.D

Acq: 24 May 2023 16:24

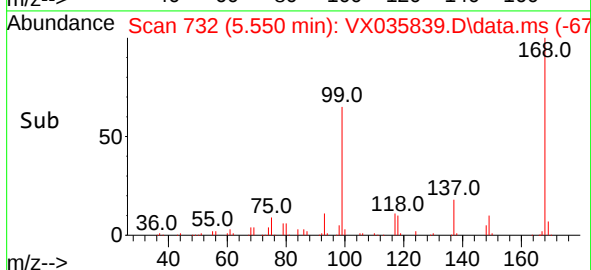
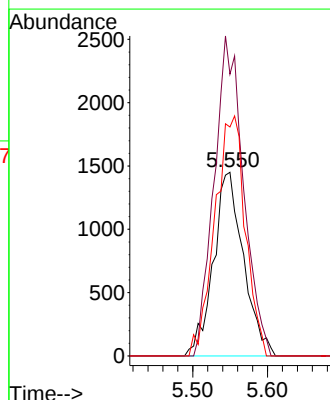
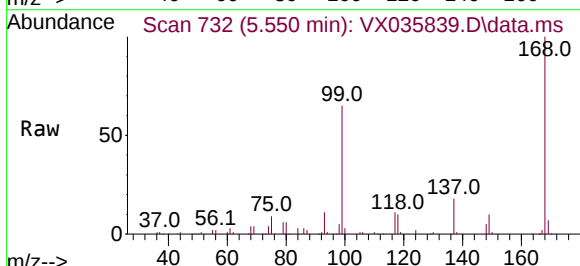
Tgt Ion: 56 Resp: 4056

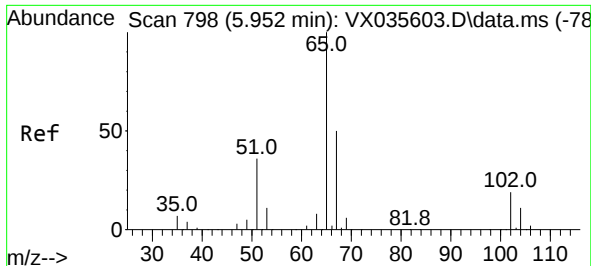
Ion Ratio Lower Upper

56 100

69 153.4 23.7 35.5#

84 124.7 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 42.377 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035839.D

Acq: 24 May 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

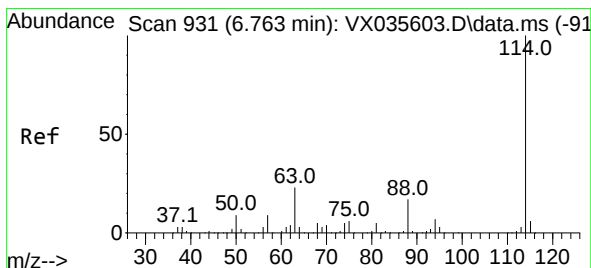
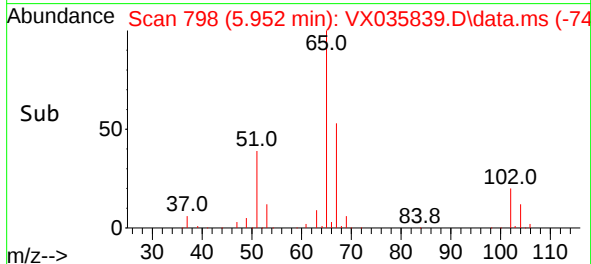
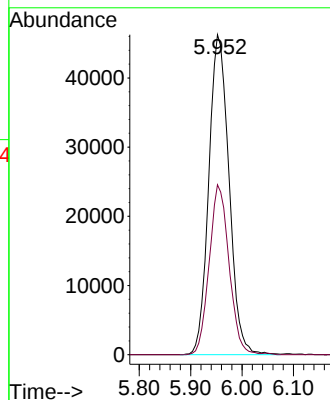
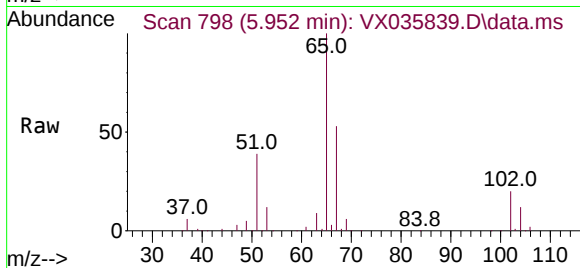
TB02-20230522

Tgt Ion: 65 Resp: 126313

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035839.D

Acq: 24 May 2023 16:24

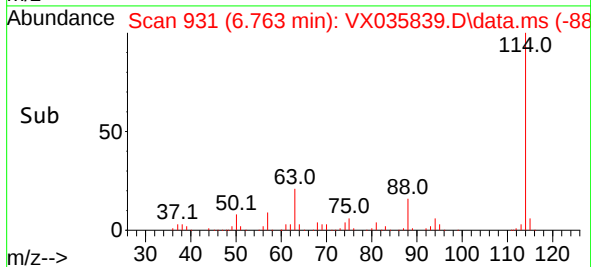
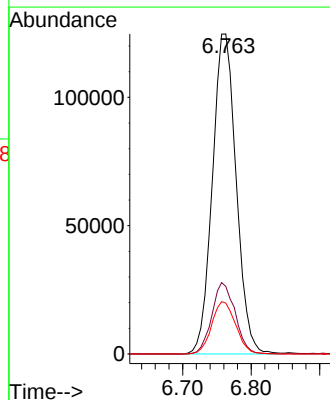
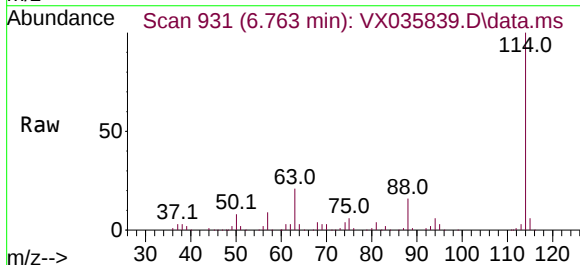
Tgt Ion: 114 Resp: 300545

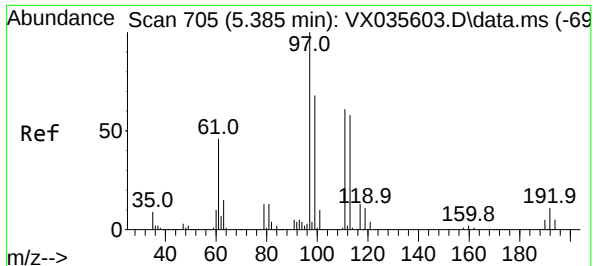
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.2

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.158 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035839.D

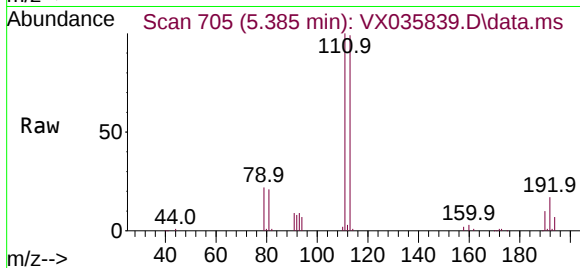
Acq: 24 May 2023 16:24

Instrument :

MSVOA_X

ClientSampleId :

TB02-20230522



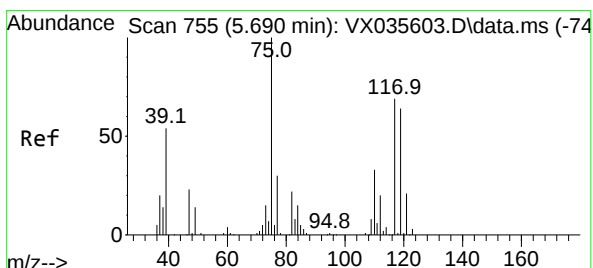
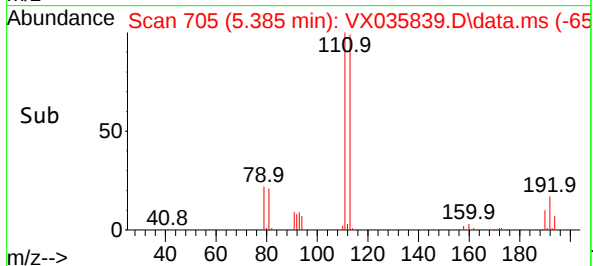
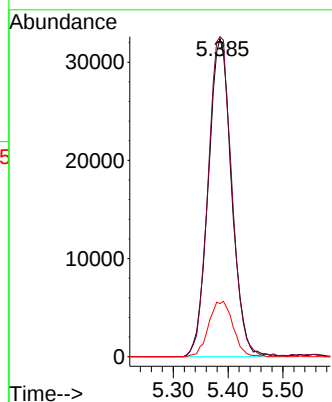
Tgt Ion:113 Resp: 95582

Ion Ratio Lower Upper

113 100

111 102.2 83.7 125.5

192 18.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.640 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035839.D

Acq: 24 May 2023 16:24

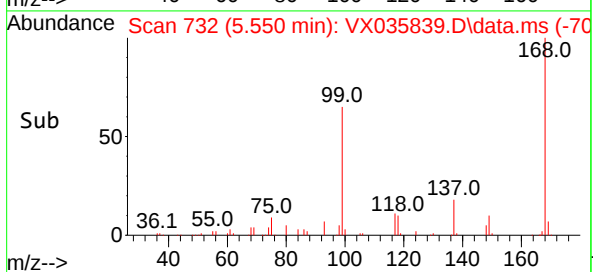
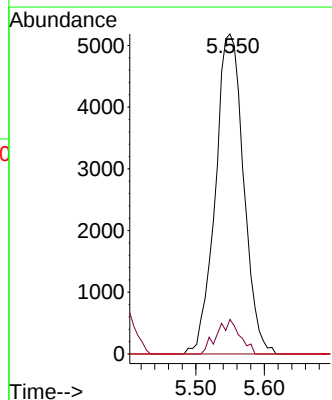
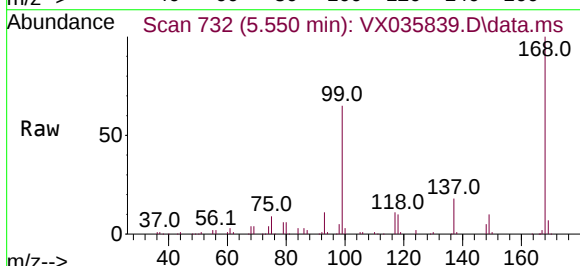
Tgt Ion: 75 Resp: 14845

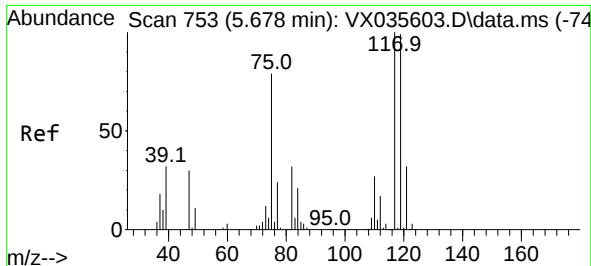
Ion Ratio Lower Upper

75 100

110 8.8 17.5 52.5#

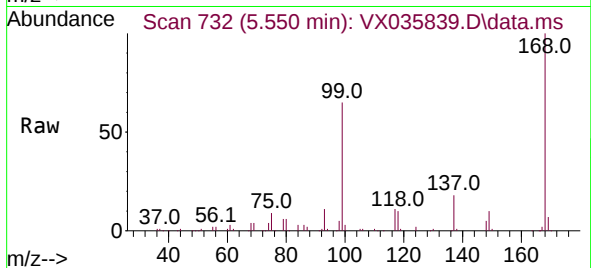
77 0.0 24.3 36.5#



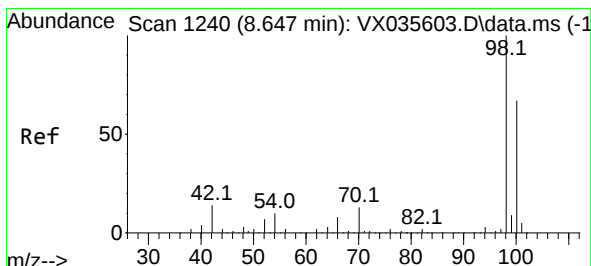
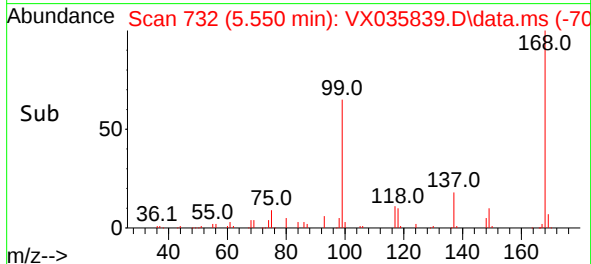
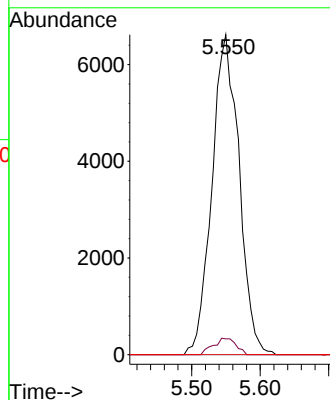


#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

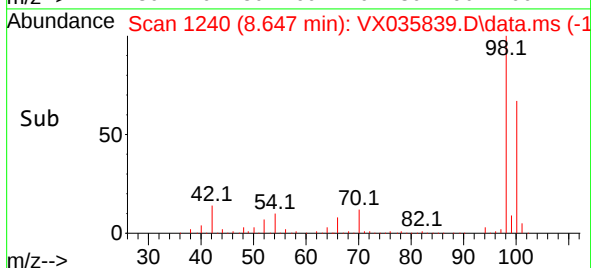
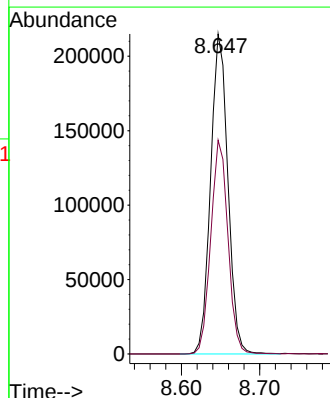
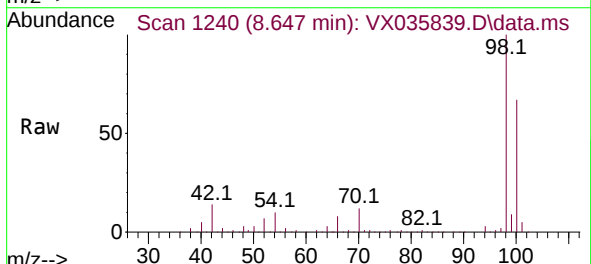


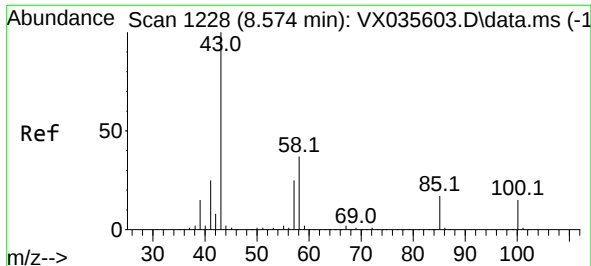
Tgt Ion:117 Resp: 18203
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 43.943 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion: 98 Resp: 329035
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

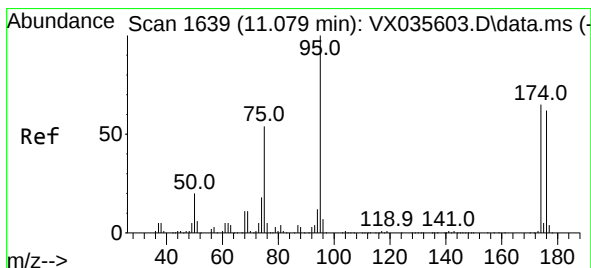
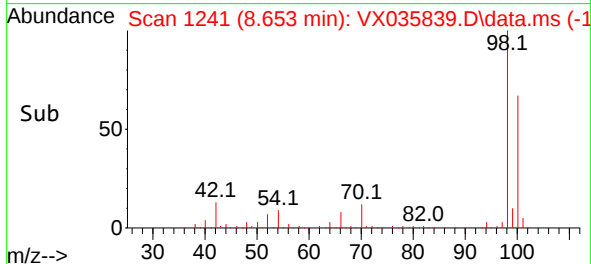
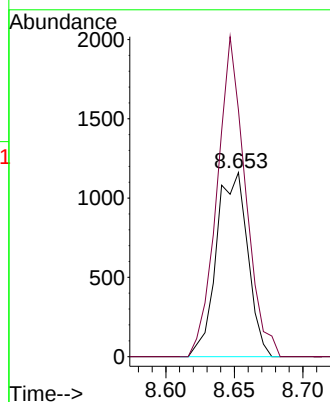
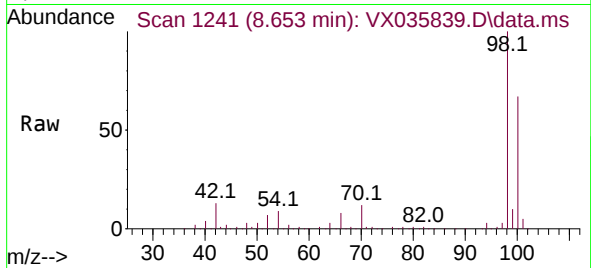




#51
4-Methyl-2-Pentanone
Concen: 0.550 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

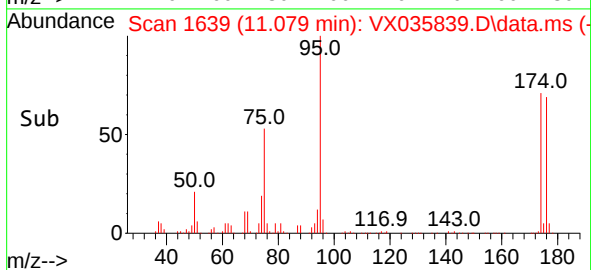
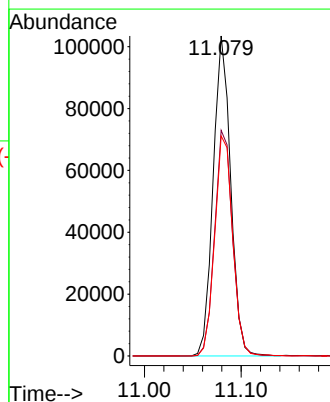
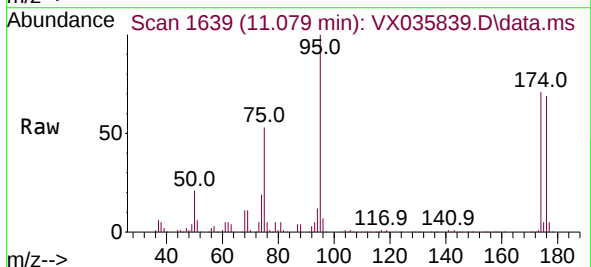
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

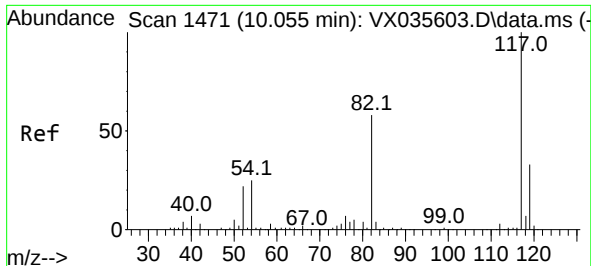
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 157.3 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 43.046 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion: 95 Resp: 129780
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 70.9 0.0 140.6

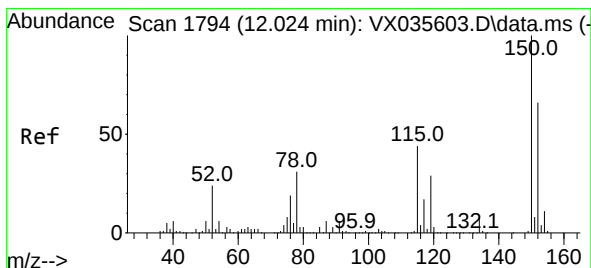
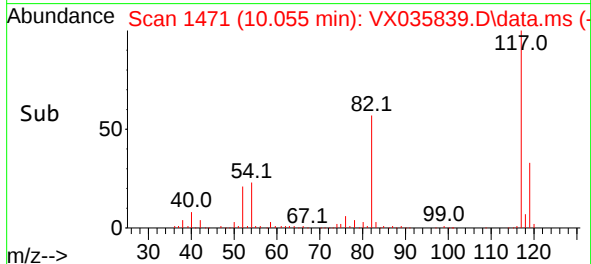
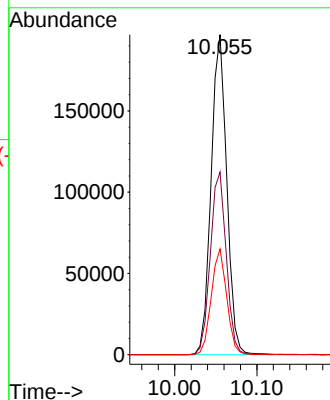
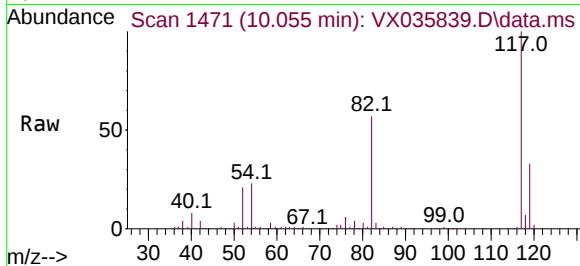




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

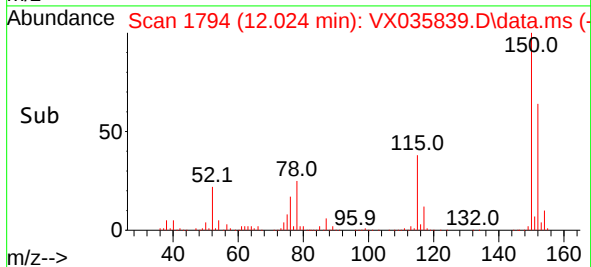
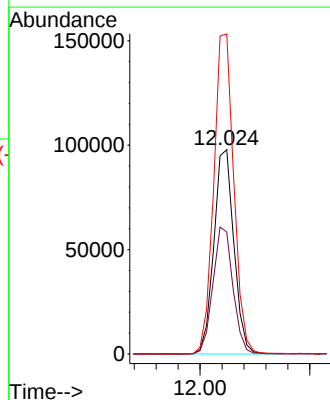
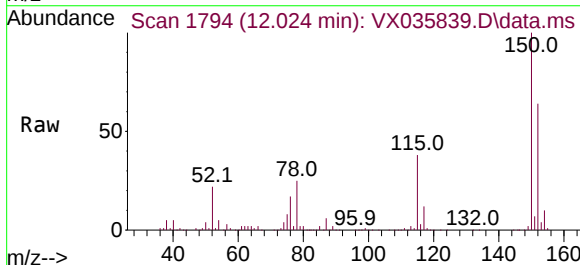
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

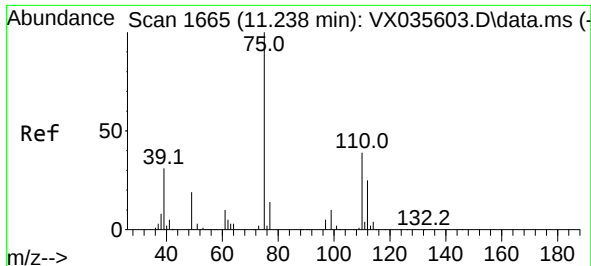
Tgt Ion:117 Resp: 260134
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 33.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion:152 Resp: 124132
Ion Ratio Lower Upper
152 100
115 62.0 45.0 135.0
150 157.2 0.0 352.4

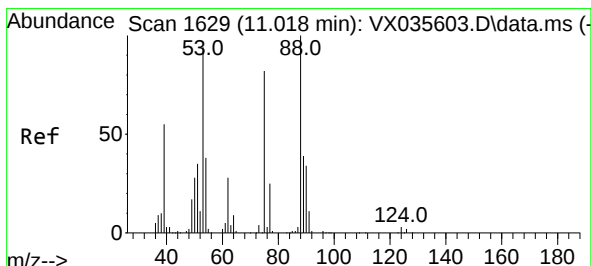
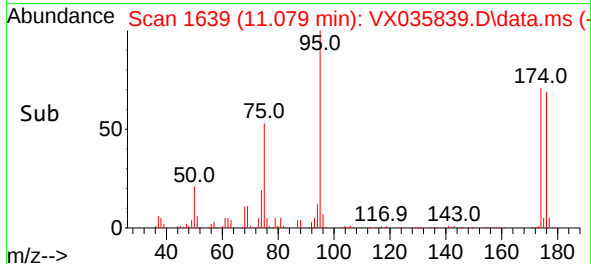
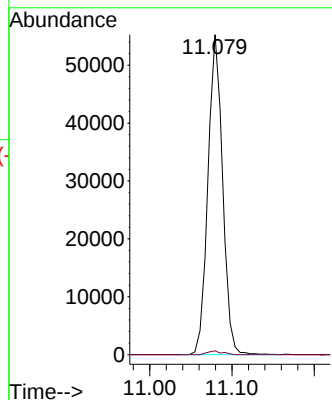
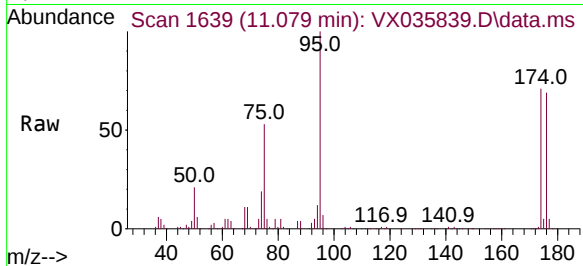




#76
1,2,3-Trichloropropane
Concen: 22.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
TB02-20230522

Tgt Ion: 75 Resp: 68434
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035839.D
Acq: 24 May 2023 16:24

Tgt Ion: 75 Resp: 68434
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

