

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039579.D
 Acq On : 02 Jan 2024 18:02
 Operator : JC/MD
 Sample : P1002-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 03 04:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87023	47.619	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.240%
35) Dibromofluoromethane	5.379	113	68889	47.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.647	98	266156	48.949	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	112512	50.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.300%

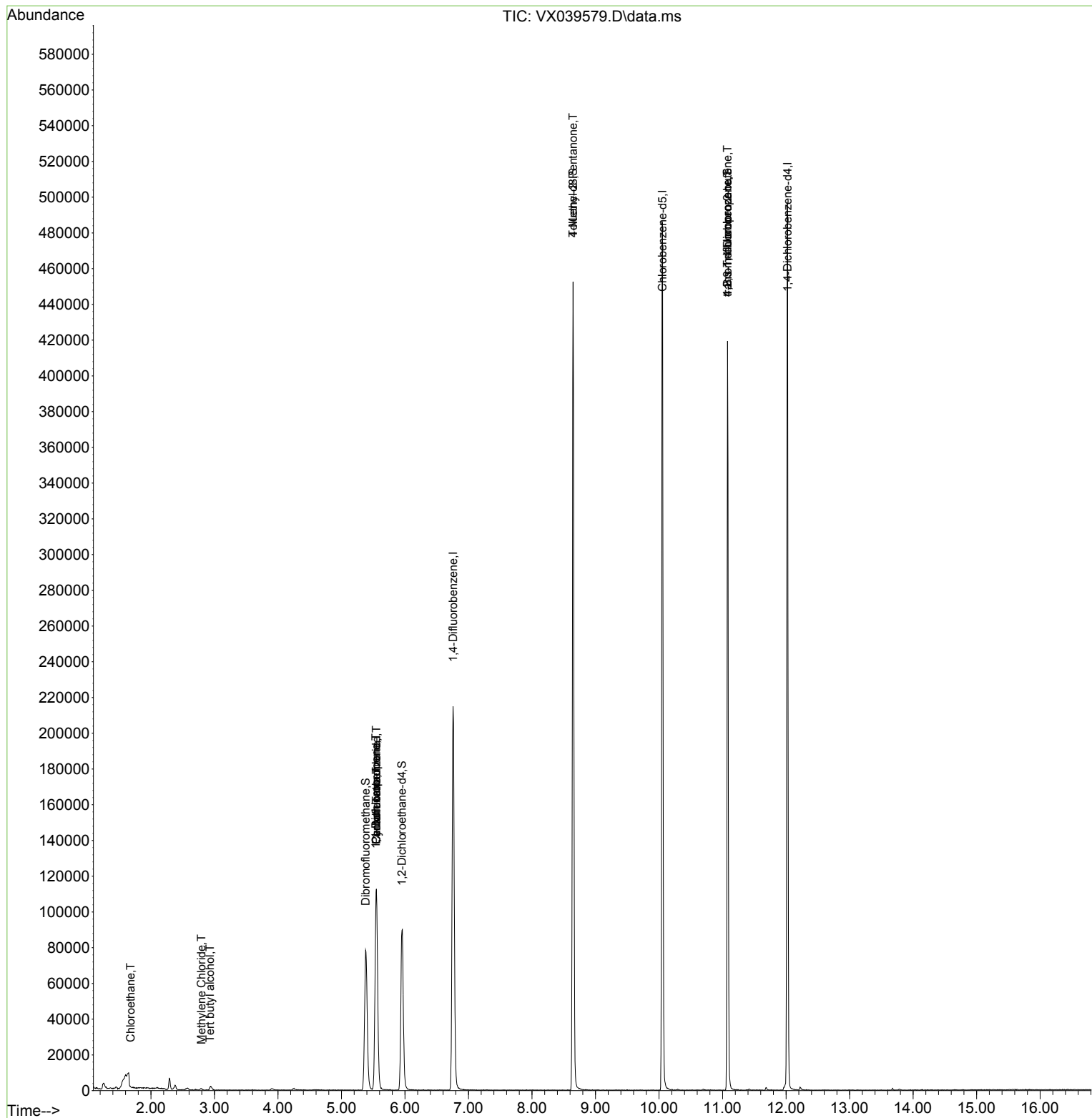
Target Compounds					Qvalue	
6) Chloroethane	1.679	64	188	0.216	ug/l #	43
11) Tert butyl alcohol	2.928	59	1851	4.033	ug/l #	78
16) Acetone	2.380	43	2320	Below Cal	#	54
20) Methylene Chloride	2.794	84	574	0.377	ug/l #	54
31) Cyclohexane	5.550	56	2740	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9752	4.219	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10843	4.916	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1279	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	61952	25.526	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61952	72.010	ug/l #	5

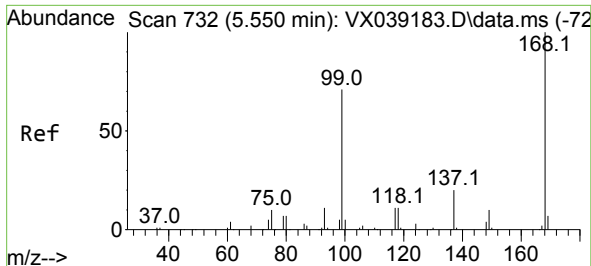
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
Data File : VX039579.D
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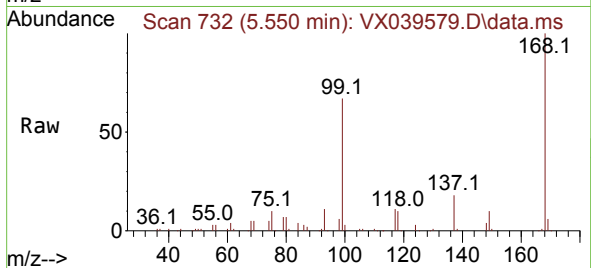
Quant Time: Jan 03 04:16:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
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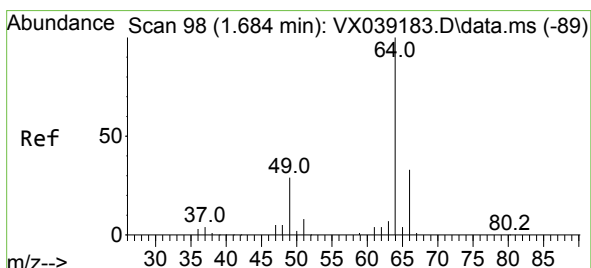
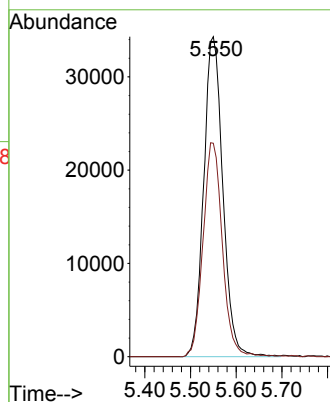


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02

Instrument :
MSVOA_X
ClientSampleId :

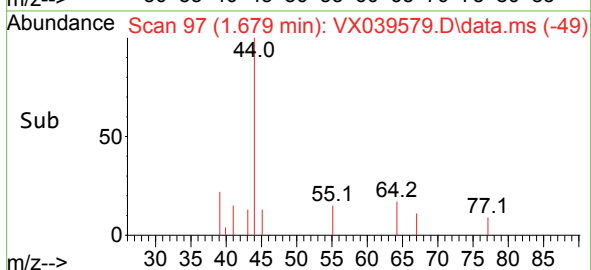
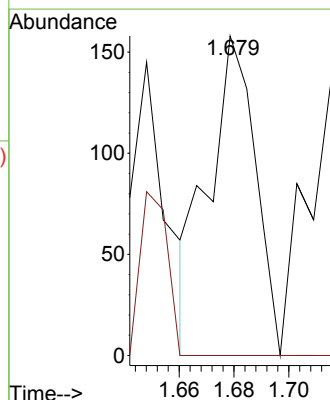
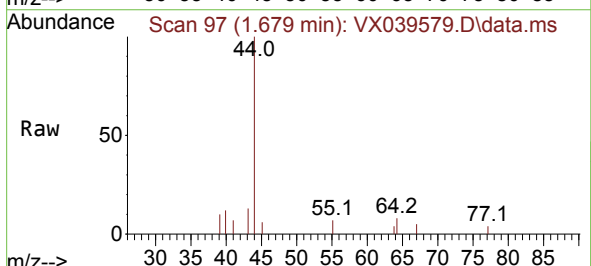


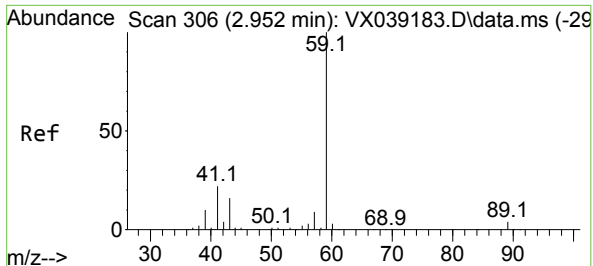
Tgt Ion:168 Resp: 99757
Ion Ratio Lower Upper
168 100
99 66.7 56.6 85.0



#6
Chloroethane
Concen: 0.216 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02

Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 4.033 ug/l

RT: 2.928 min Scan# 306

Delta R.T. -0.024 min

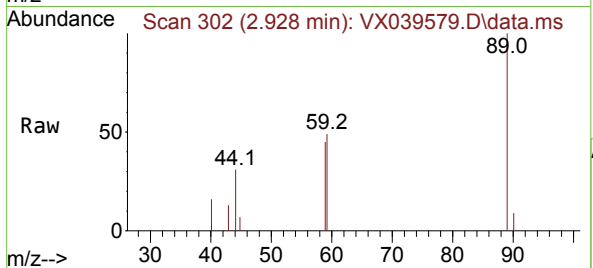
Lab File: VX039579.D

Acq: 02 Jan 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

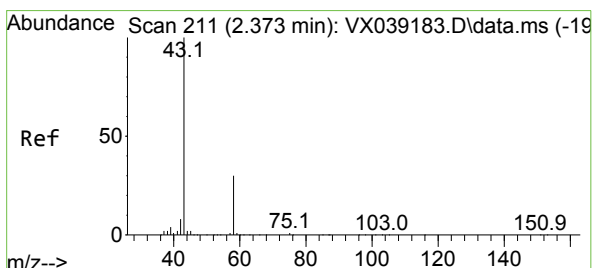
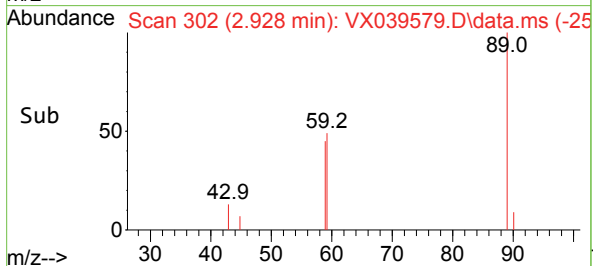
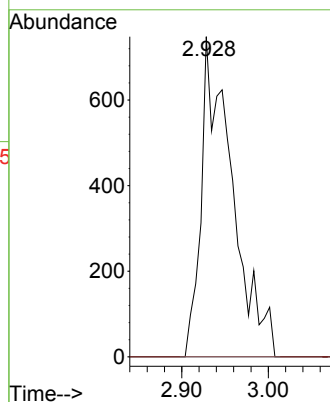


Tgt Ion: 59 Resp: 1851

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX039579.D

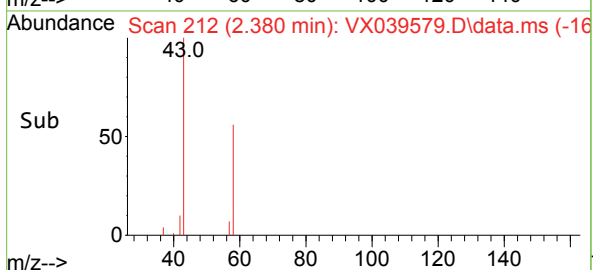
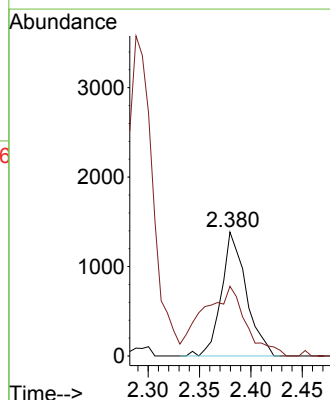
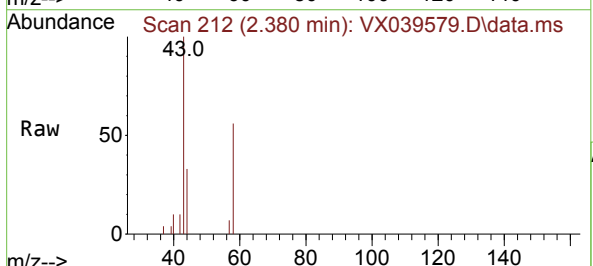
Acq: 02 Jan 2024 18:02

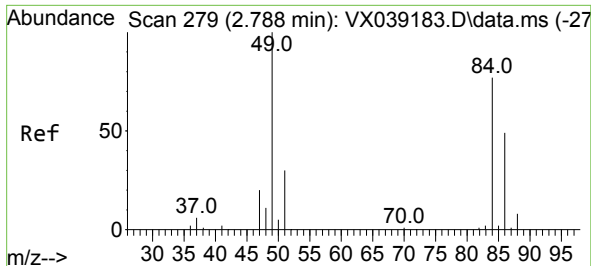
Tgt Ion: 43 Resp: 2320

Ion Ratio Lower Upper

43 100

58 51.6 21.9 32.9#





#20

Methylene Chloride

Concen: 0.377 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

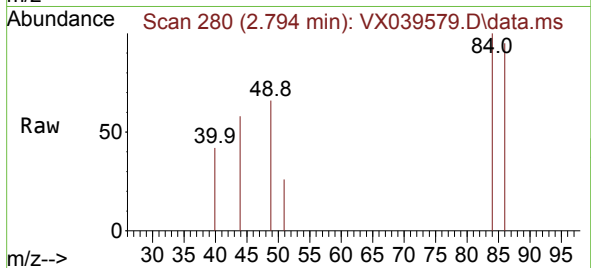
Lab File: VX039579.D

Acq: 02 Jan 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 574

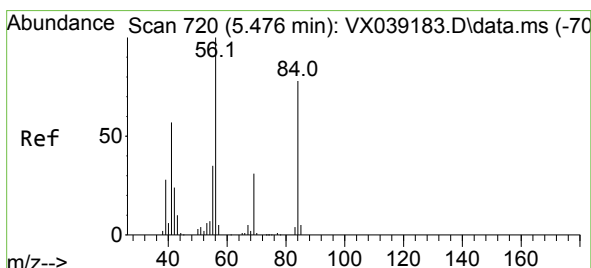
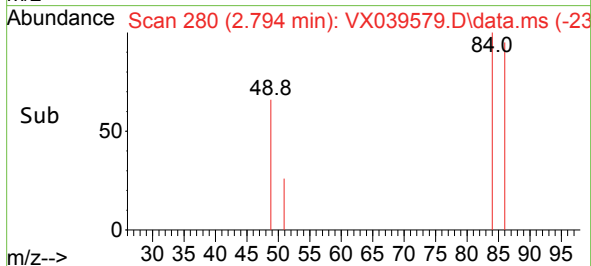
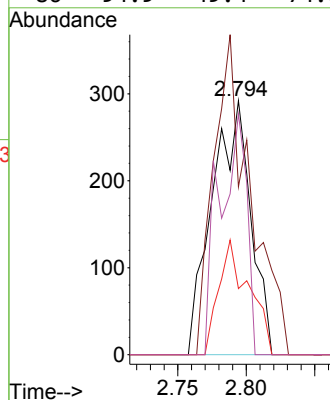
Ion Ratio Lower Upper

84 100

49 66.1 103.6 155.4#

51 26.0 33.8 50.6#

86 94.9 49.4 74.0#



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX039579.D

Acq: 02 Jan 2024 18:02

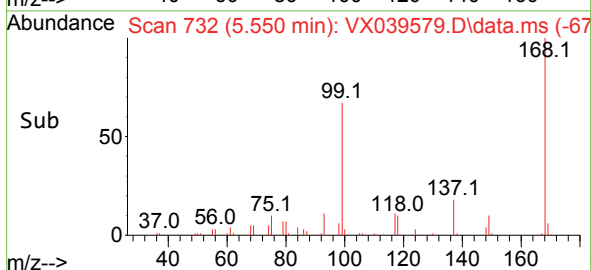
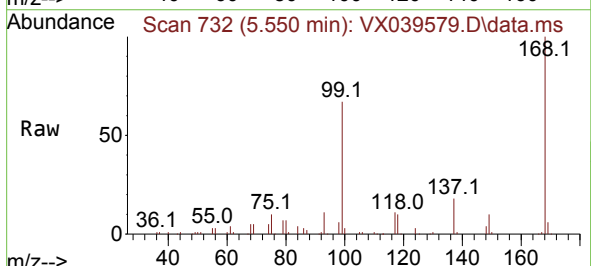
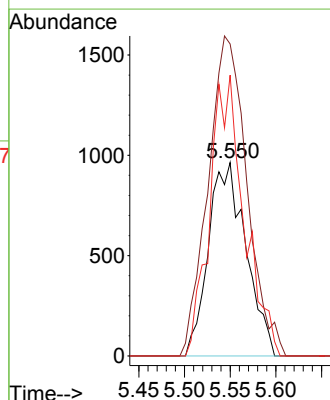
Tgt Ion: 56 Resp: 2740

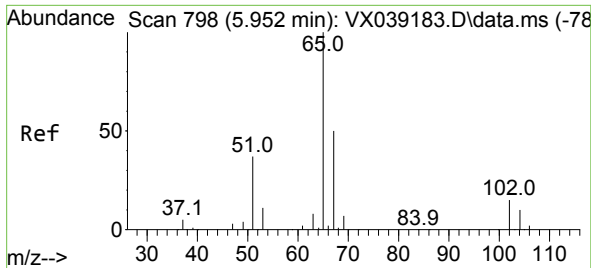
Ion Ratio Lower Upper

56 100

69 161.3 23.4 35.2#

84 145.2 65.9 98.9#

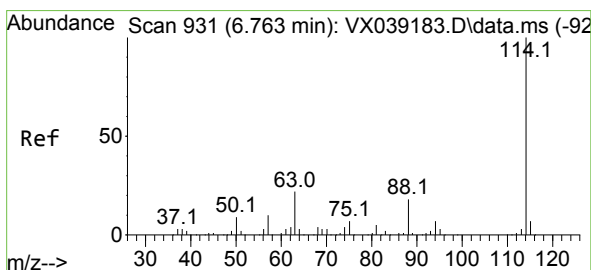
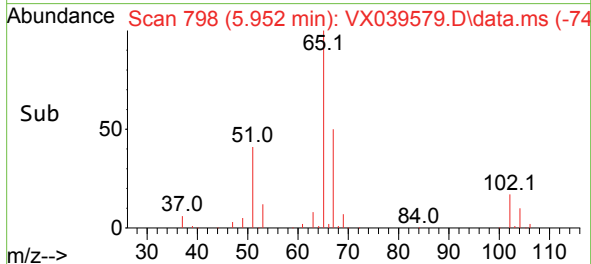
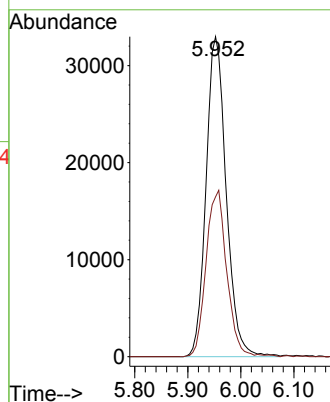
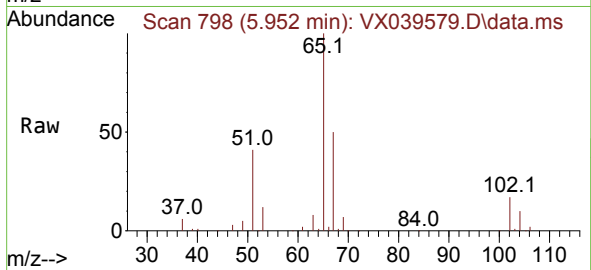




#33
 1,2-Dichloroethane-d4
 Concen: 47.619 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039579.D
 Acq: 02 Jan 2024 18:02

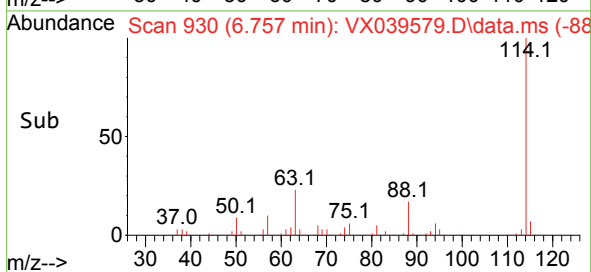
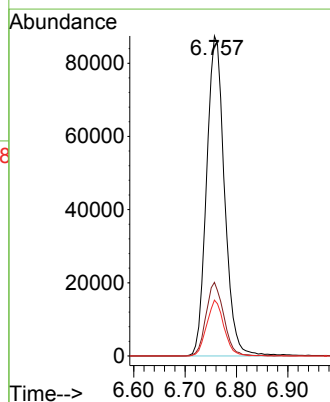
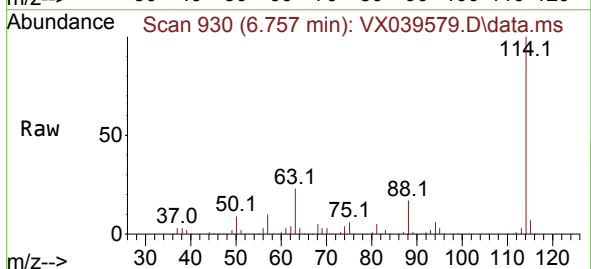
Instrument :
 MSVOA_X
 ClientSampleId :

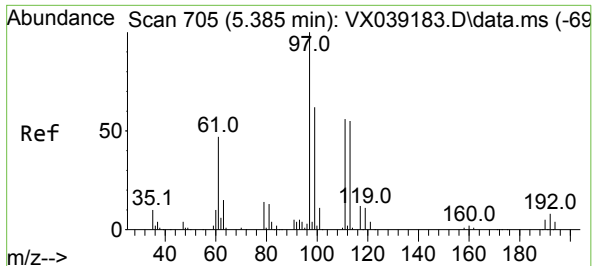
Tgt Ion: 65 Resp: 87023
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039579.D
 Acq: 02 Jan 2024 18:02

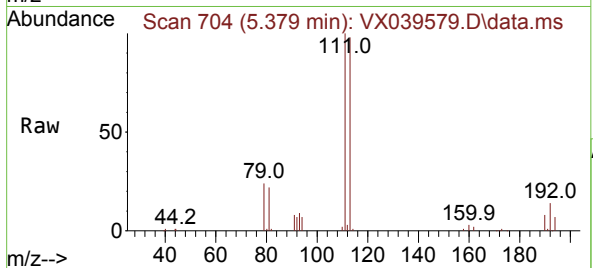
Tgt Ion:114 Resp: 212002
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 17.5 0.0 36.6



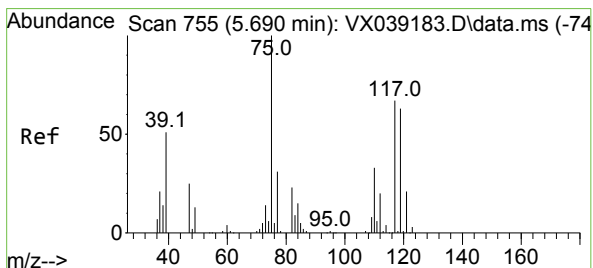
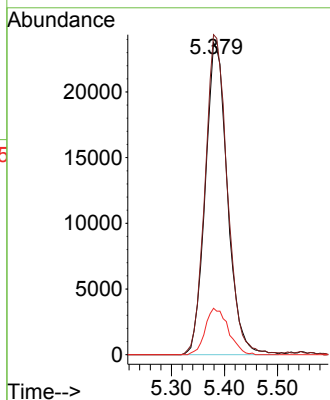
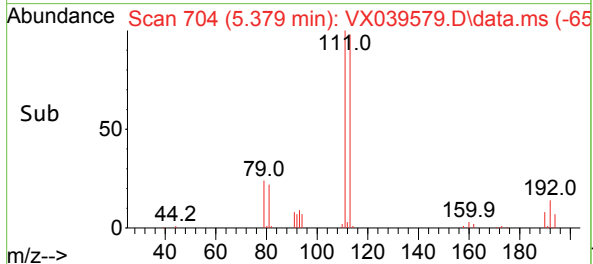


#35
Dibromofluoromethane
Concen: 47.036 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02

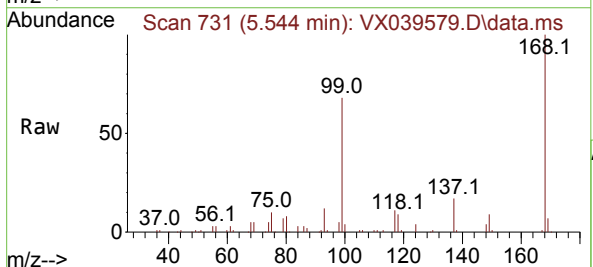
Instrument :
MSVOA_X
ClientSampleId :



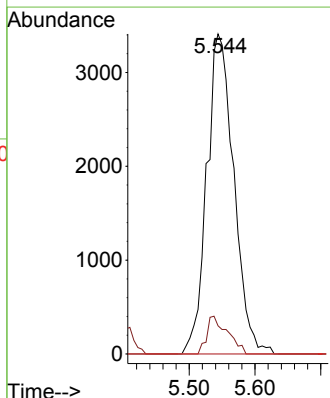
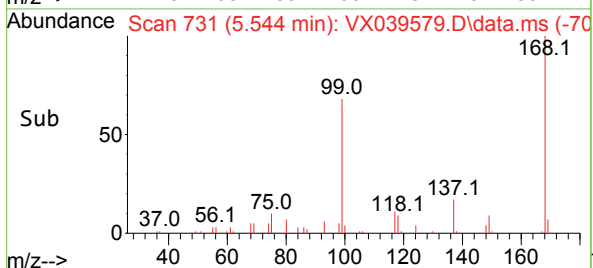
Tgt Ion:113 Resp: 68889
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.4 13.3 19.9

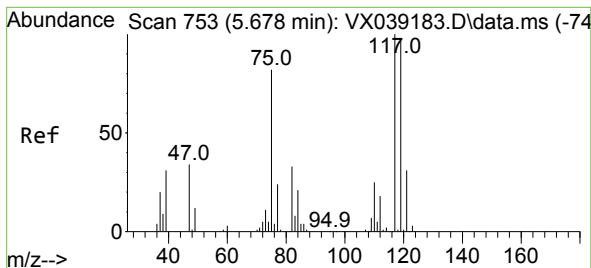


#36
1,1-Dichloropropene
Concen: 4.219 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02



Tgt Ion: 75 Resp: 9752
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.916 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

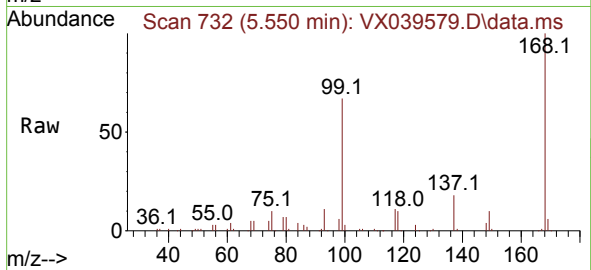
Lab File: VX039579.D

Acq: 02 Jan 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :



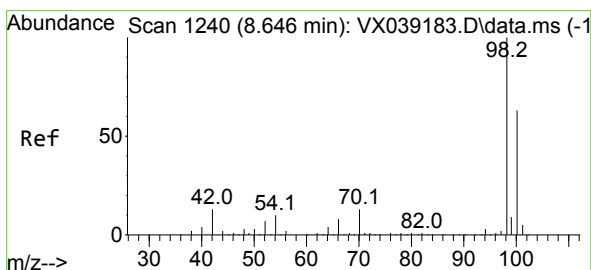
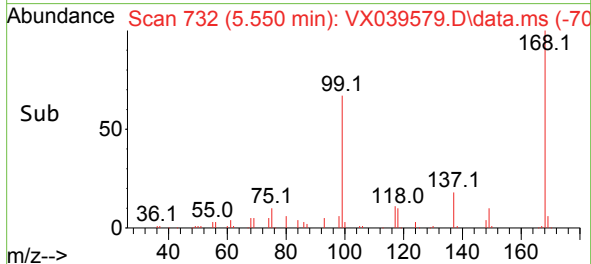
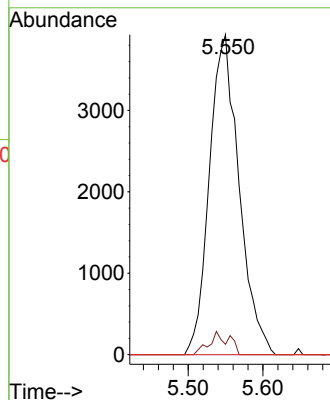
Tgt Ion:117 Resp: 10843

Ion Ratio Lower Upper

117 100

119 3.2 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 48.949 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039579.D

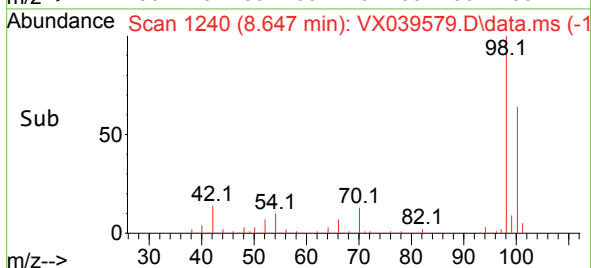
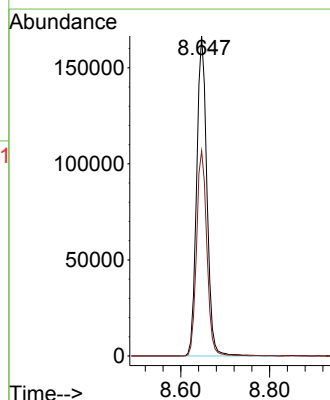
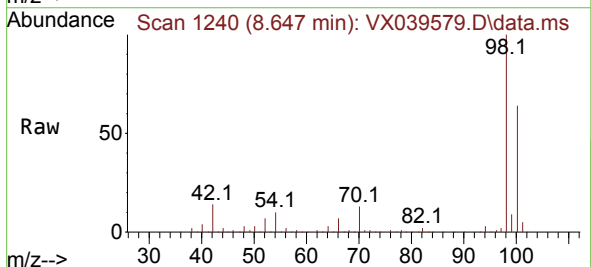
Acq: 02 Jan 2024 18:02

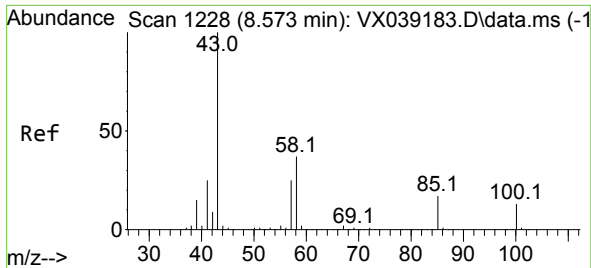
Tgt Ion: 98 Resp: 266156

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

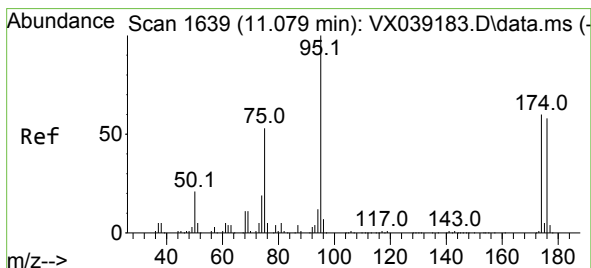
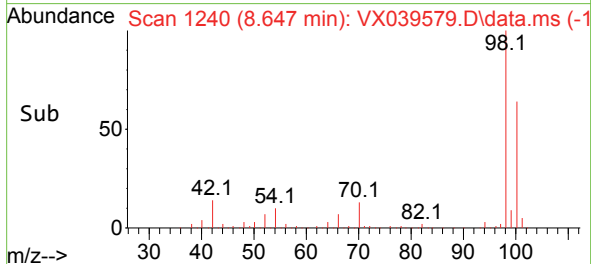
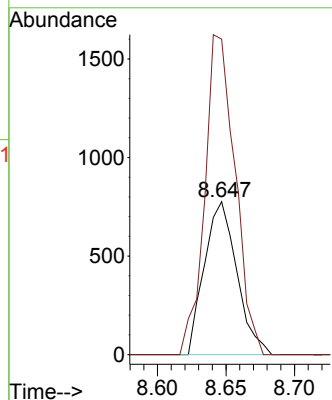
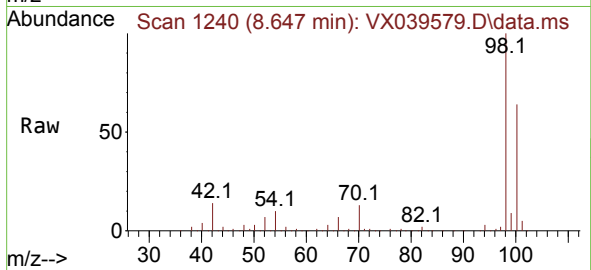




#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02

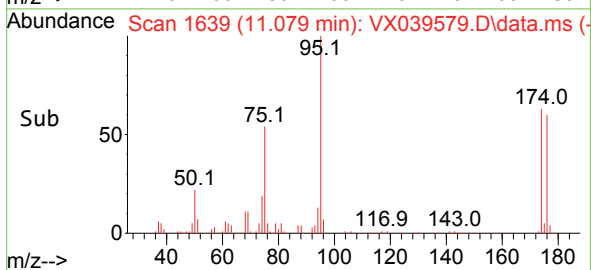
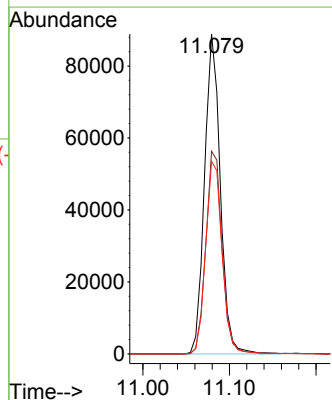
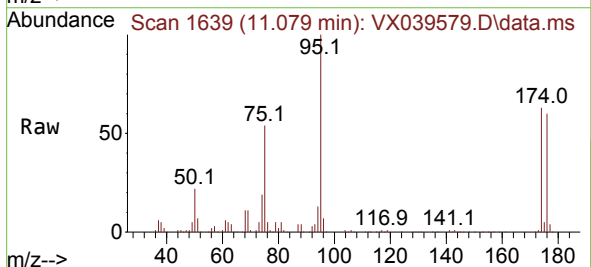
Instrument :
MSVOA_X
ClientSampleId :

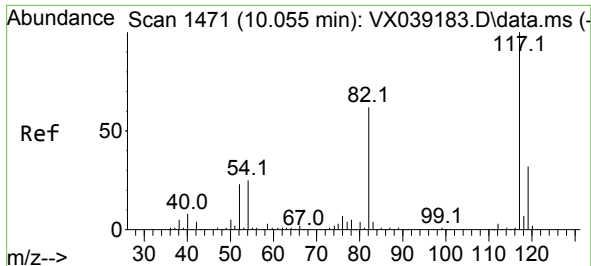
Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 195.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02

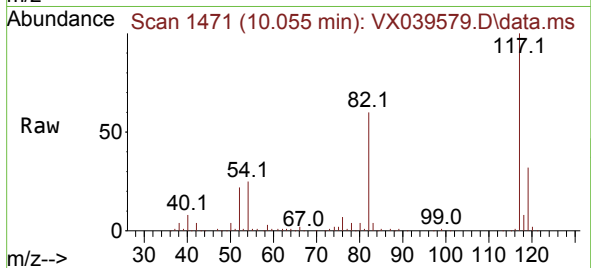
Tgt Ion: 95 Resp: 112512
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 62.9 0.0 131.0



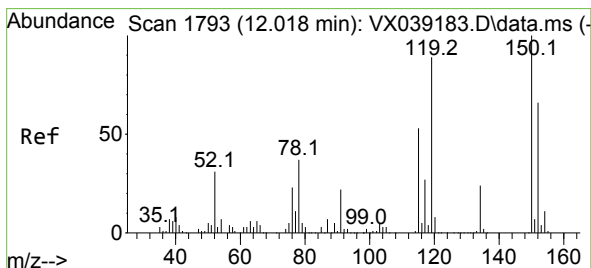
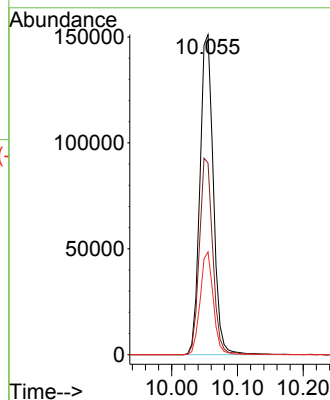
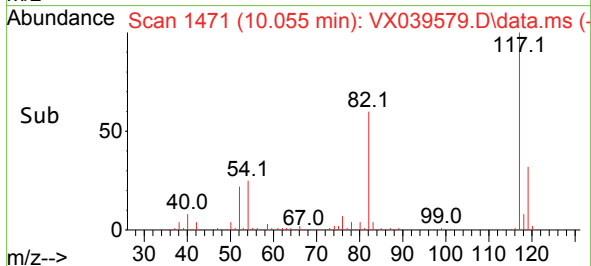


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02

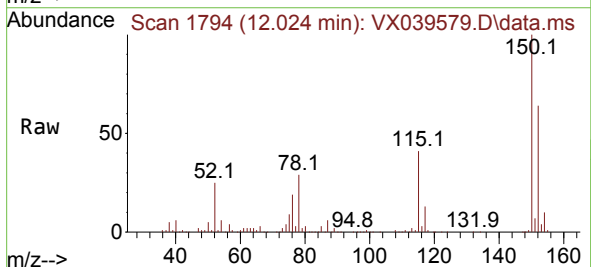
Instrument :
MSVOA_X
ClientSampleId :



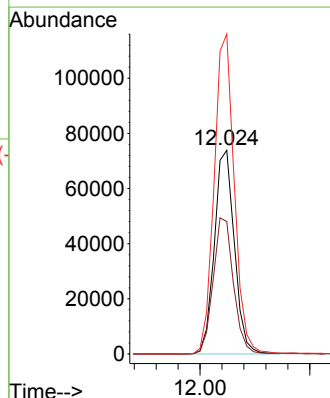
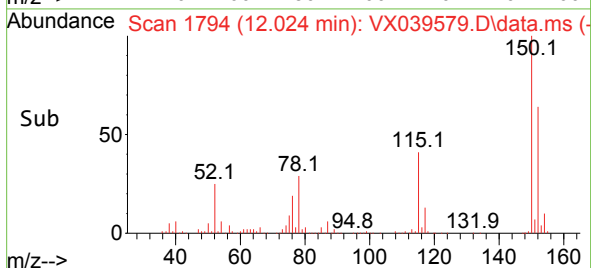
Tgt Ion:117 Resp: 213779
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 32.1 25.5 38.3

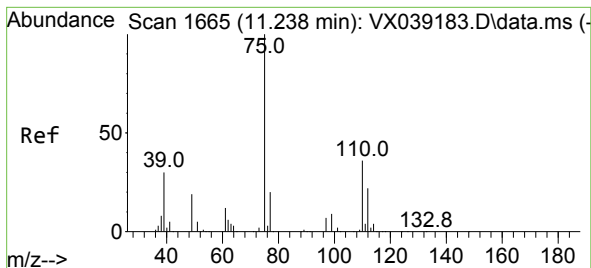


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039579.D
Acq: 02 Jan 2024 18:02



Tgt Ion:152 Resp: 93808
Ion Ratio Lower Upper
152 100
115 67.9 43.3 129.9
150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.526 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039579.D

Acq: 02 Jan 2024 18:02

Instrument :

MSVOA_X

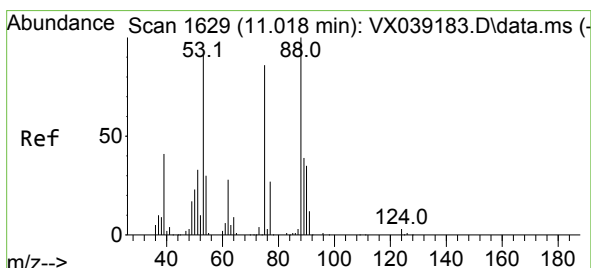
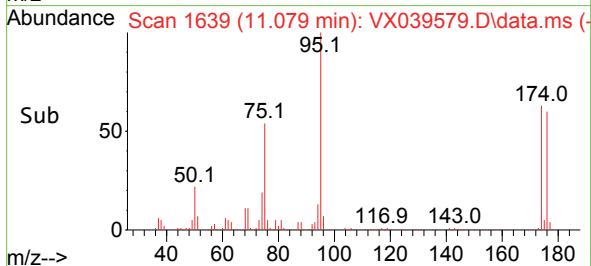
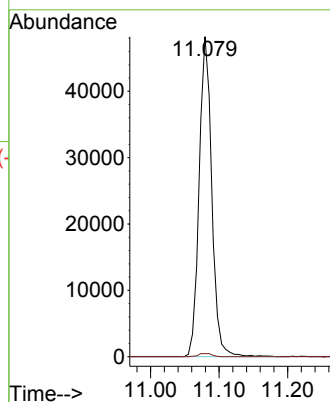
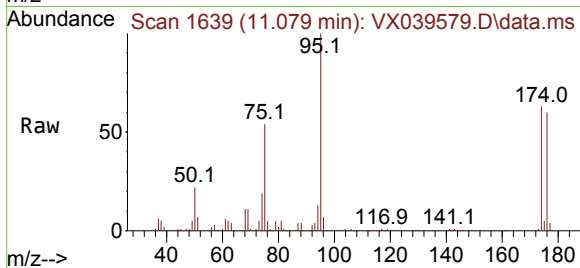
ClientSampleId :

Tgt Ion: 75 Resp: 61952

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.010 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039579.D

Acq: 02 Jan 2024 18:02

Tgt Ion: 75 Resp: 61952

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

