

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037626.D
 Acq On : 09 Sep 2023 14:35
 Operator : JC/MD
 Sample : 04254-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20230830

Quant Time: Sep 11 01:22:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

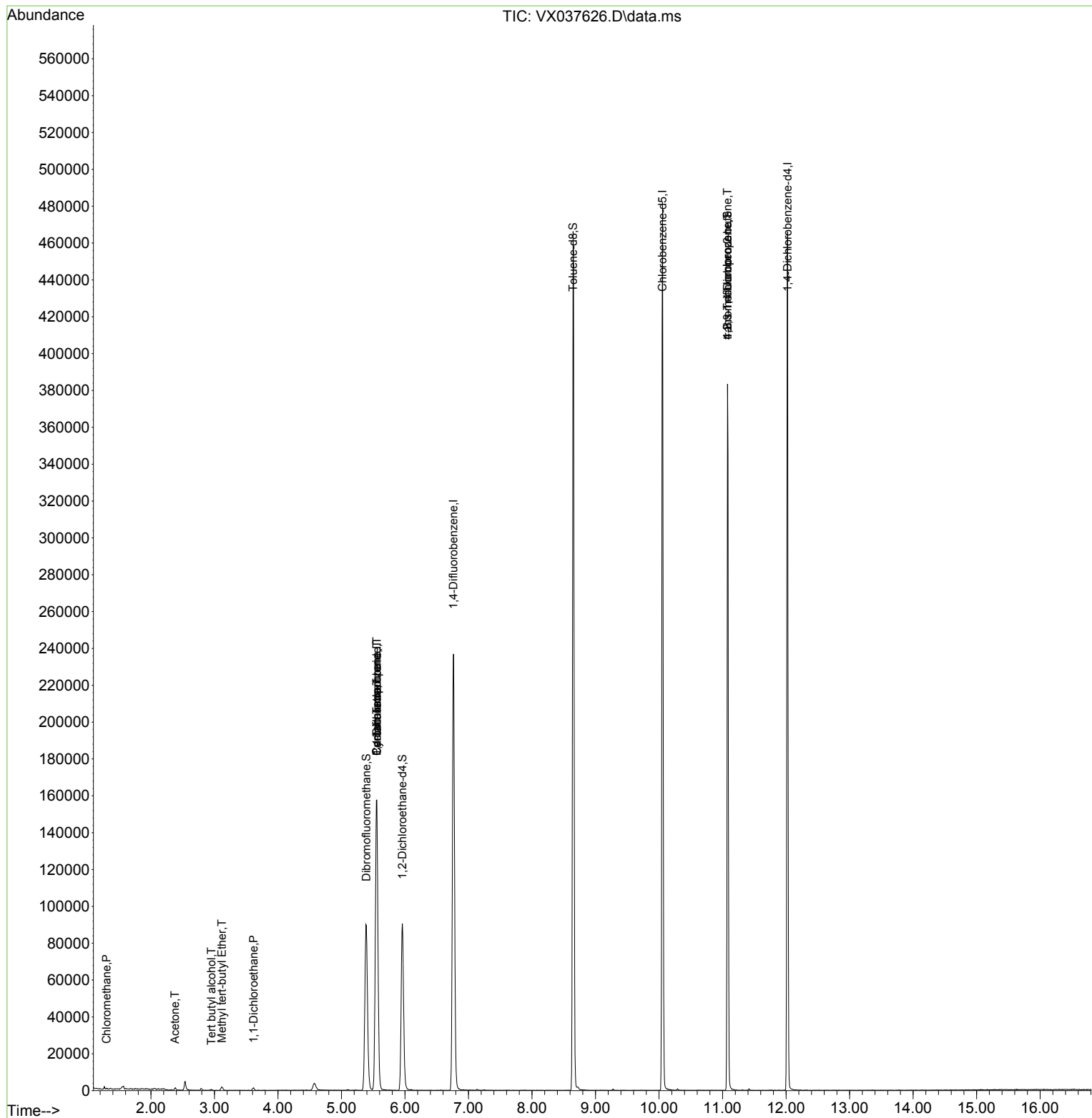
Internal Standards						
1) Pentafluorobenzene	5.556	168	155153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88636	42.321	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	84.640%	
35) Dibromofluoromethane	5.391	113	82302	45.837	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.680%	
50) Toluene-d8	8.647	98	292447	44.407	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	88.820%#	
62) 4-Bromofluorobenzene	11.079	95	110200	44.400	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	88.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	418	0.237	ug/l #	83
11) Tert butyl alcohol	2.953	59	246	0.525	ug/l #	78
16) Acetone	2.380	43	1353	1.571	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	2152	0.364	ug/l	97
20) Methylene Chloride	2.794	84	576	Below Cal	#	60
24) 1,1-Dichloroethane	3.617	63	1661	0.515	ug/l #	83
31) Cyclohexane	5.556	56	2639	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11674	4.921	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15678	6.395	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	51767	21.526	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51767	64.309	ug/l #	5

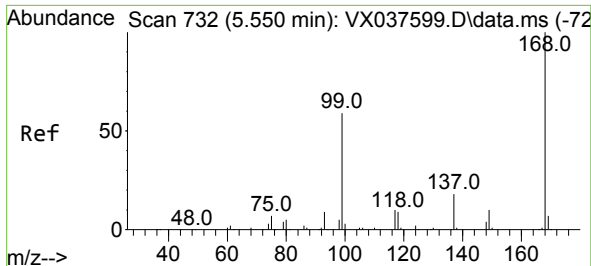
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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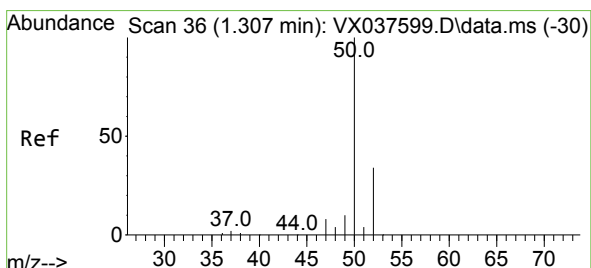
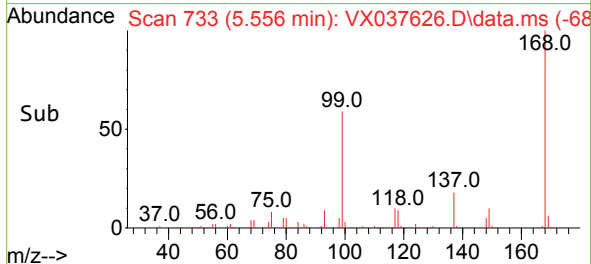
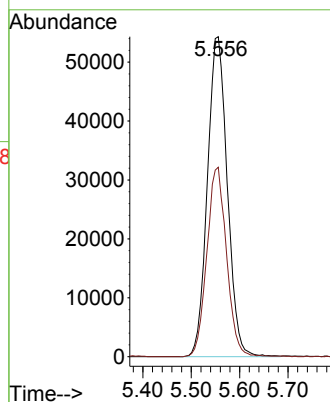
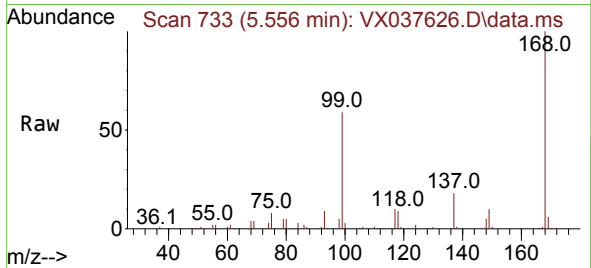




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

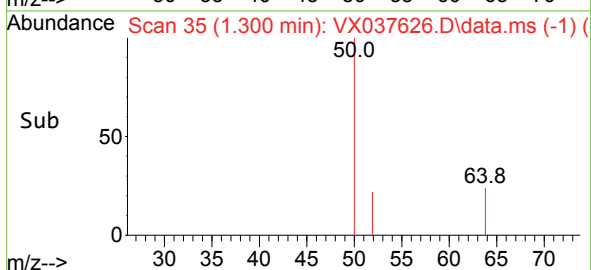
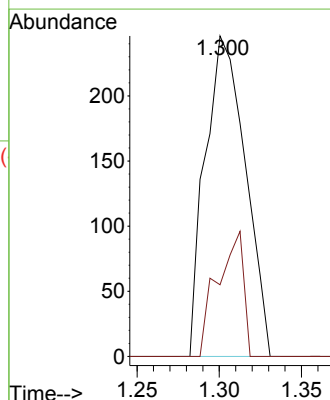
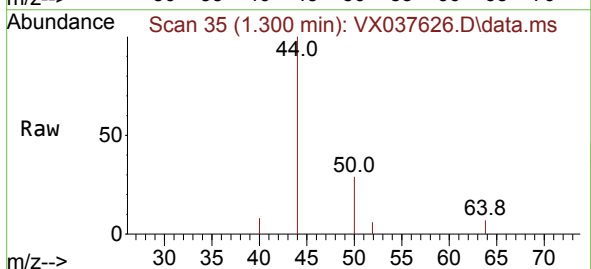
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20230830

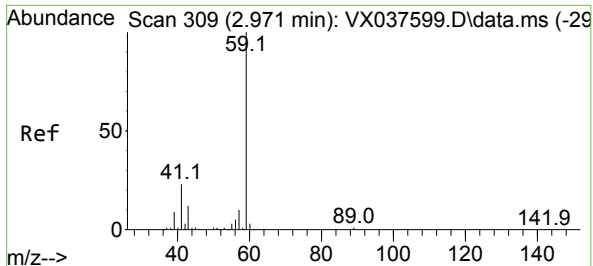
Tgt Ion:168 Resp: 155153
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 22.4 25.5 38.3#





#11

Tert butyl alcohol

Concen: 0.525 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.018 min

Lab File: VX037626.D

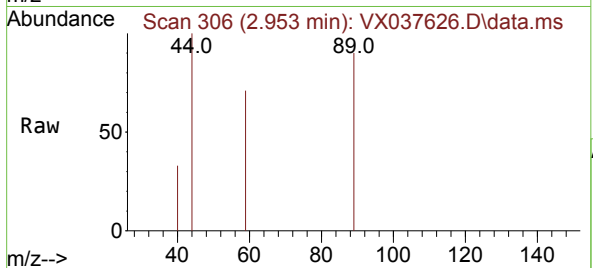
Acq: 09 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20230830

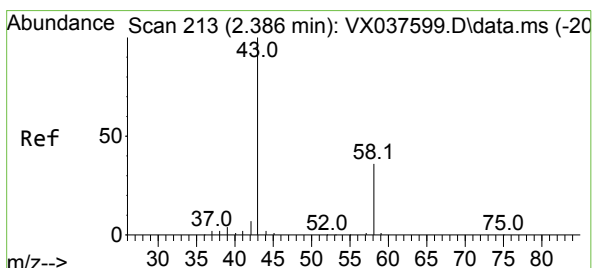
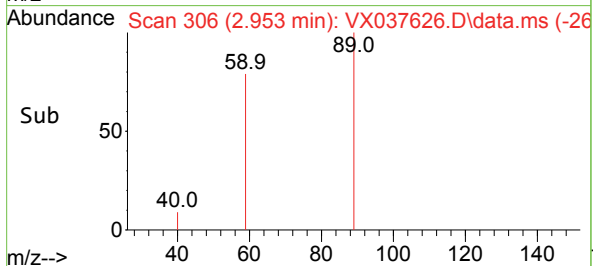
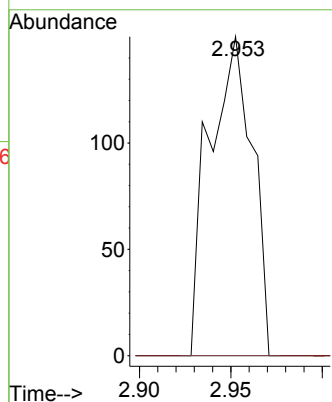


Tgt Ion: 59 Resp: 246

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.571 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037626.D

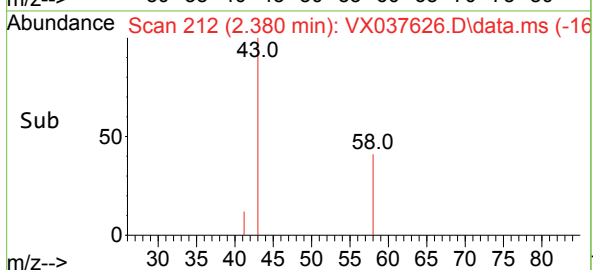
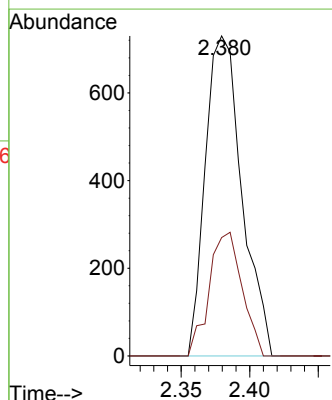
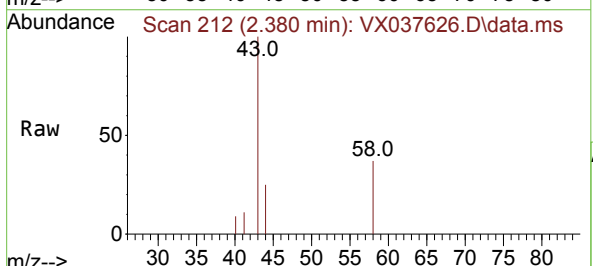
Acq: 09 Sep 2023 14:35

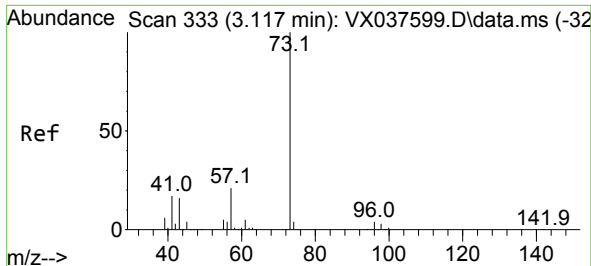
Tgt Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

58 37.0 21.9 32.9#

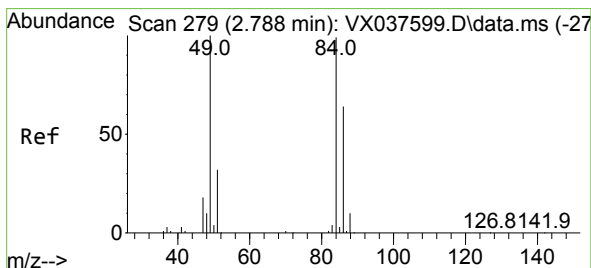
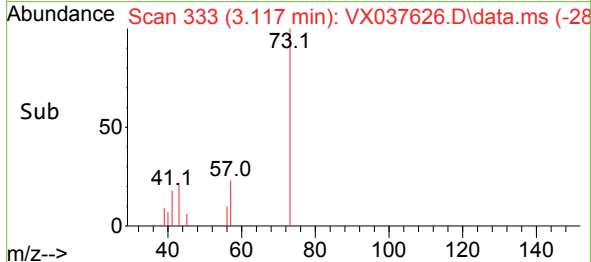
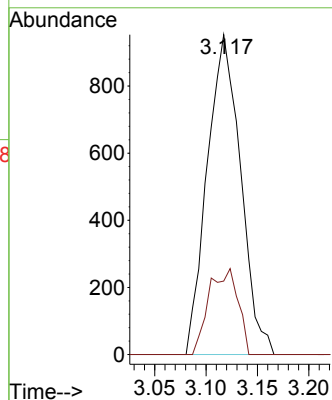
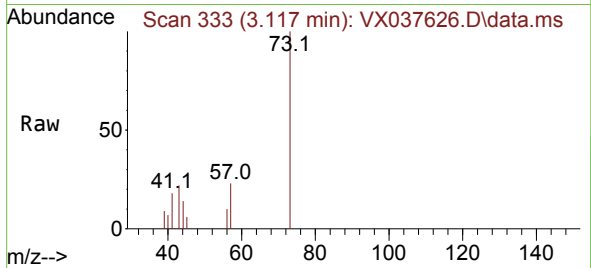




#19
Methyl tert-butyl Ether
Concen: 0.364 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

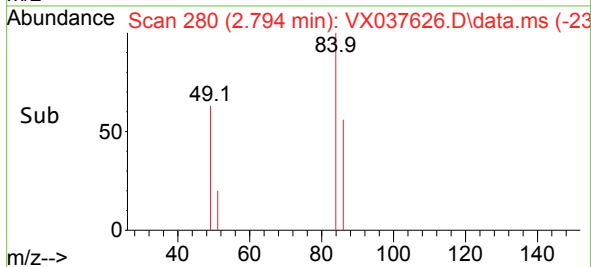
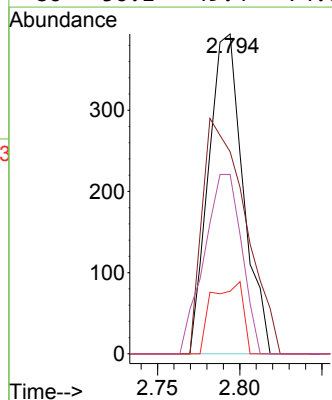
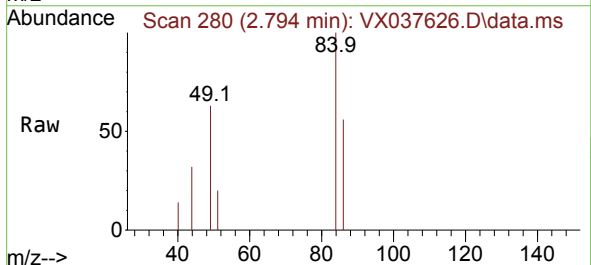
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20230830

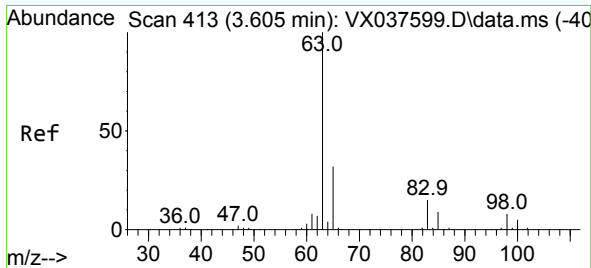
Tgt Ion: 73 Resp: 2152
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

Tgt Ion: 84 Resp: 576
Ion Ratio Lower Upper
84 100
49 63.2 103.6 155.4#
51 19.5 33.8 50.6#
86 56.1 49.4 74.0





#24

1,1-Dichloroethane

Concen: 0.515 ug/l

RT: 3.617 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

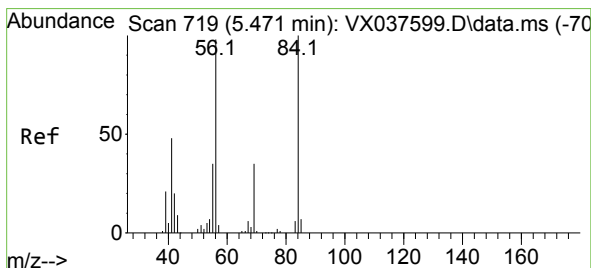
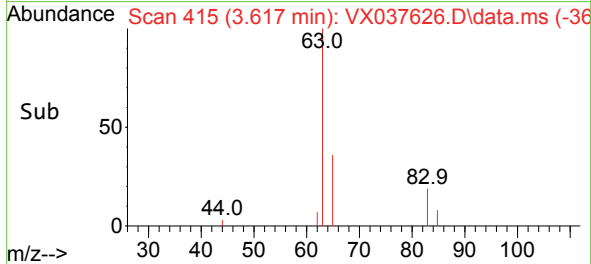
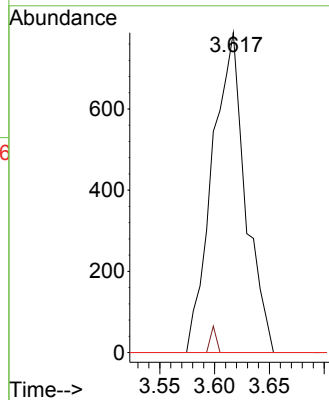
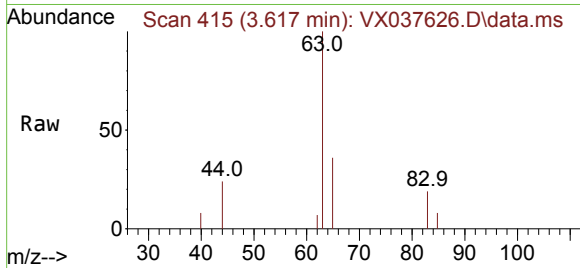
Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20230830

Tgt Ion: 63	Resp: 1661
Ion Ratio	Lower Upper
63 100	
98 0.0	3.3 9.8#
100 0.0	2.1 6.5#



#31

Cyclohexane

Concen: 1.036 ug/l

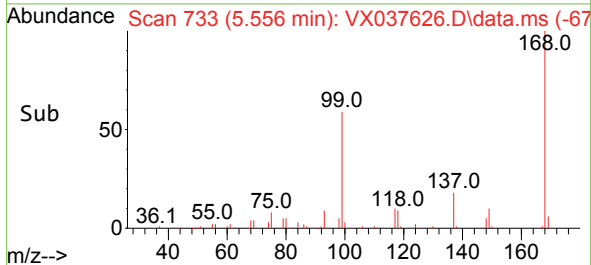
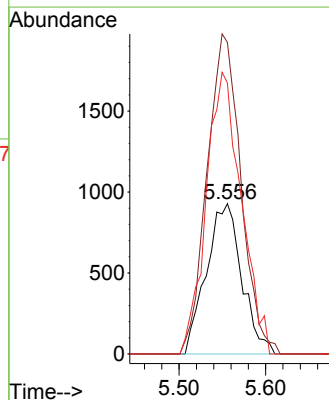
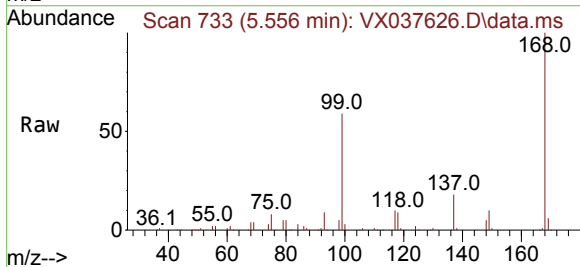
RT: 5.556 min Scan# 733

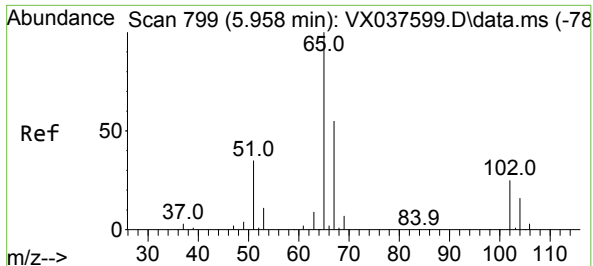
Delta R.T. 0.085 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

Tgt Ion: 56	Resp: 2639
Ion Ratio	Lower Upper
56 100	
69 207.4	23.4 35.2#
84 180.4	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.321 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

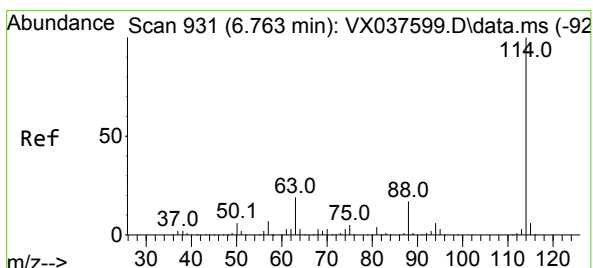
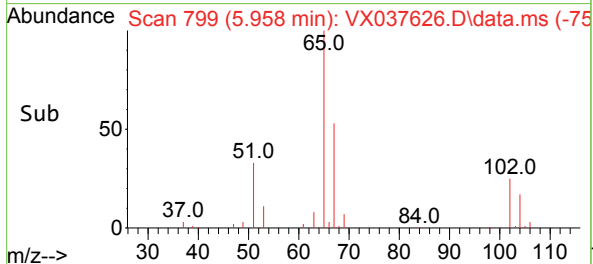
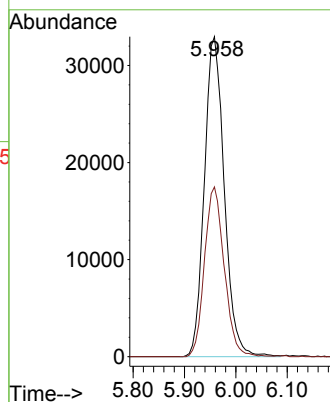
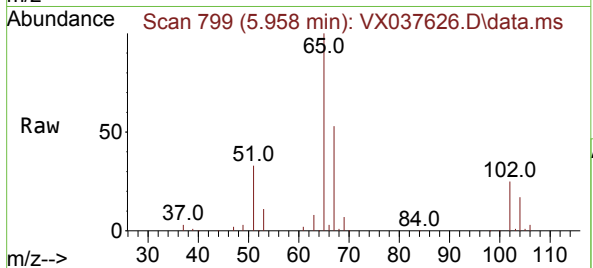
RW11-MW01S-20230830

Tgt Ion: 65 Resp: 88636

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

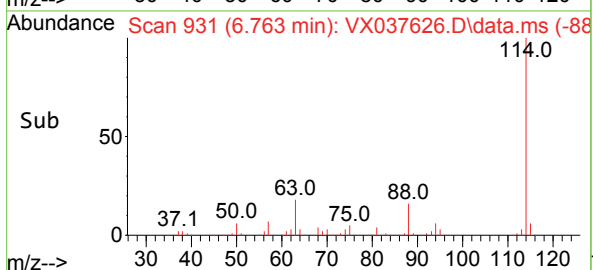
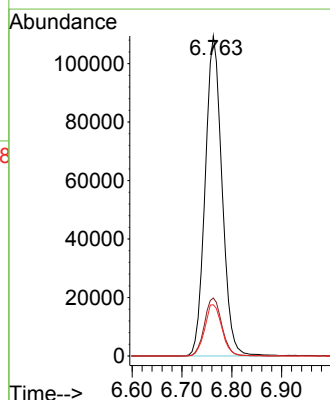
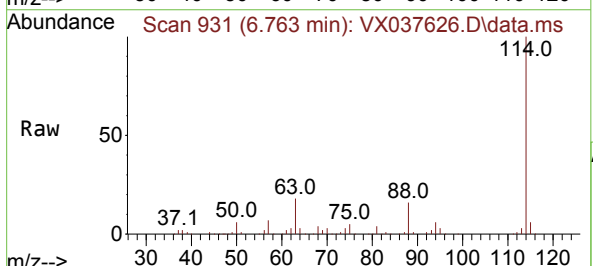
Tgt Ion: 114 Resp: 256713

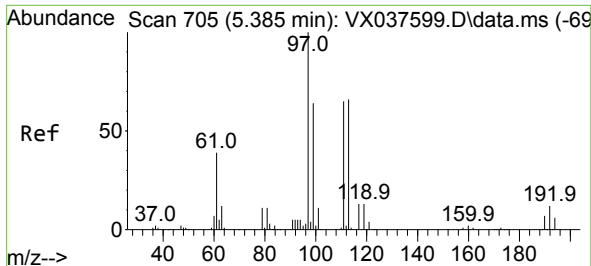
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.837 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20230830

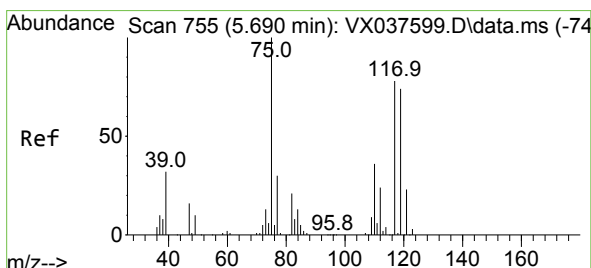
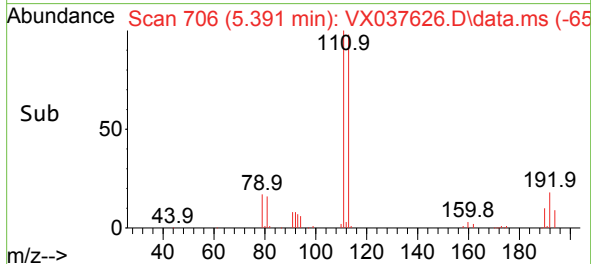
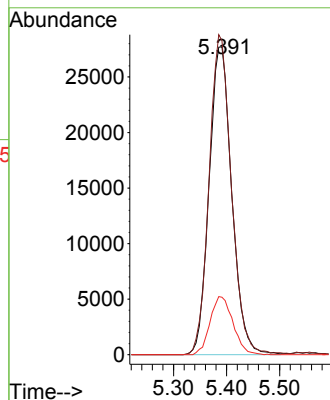
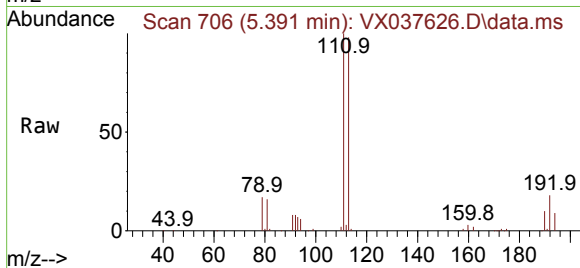
Tgt Ion:113 Resp: 82302

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 19.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

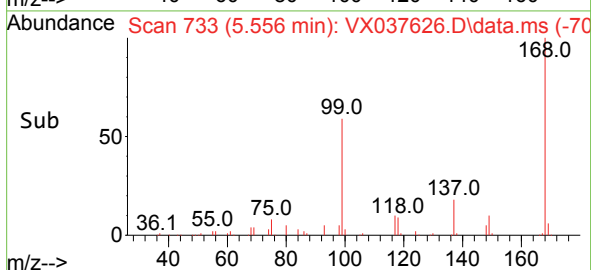
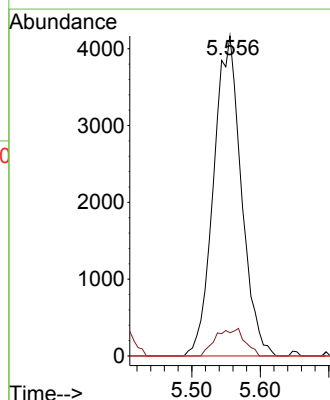
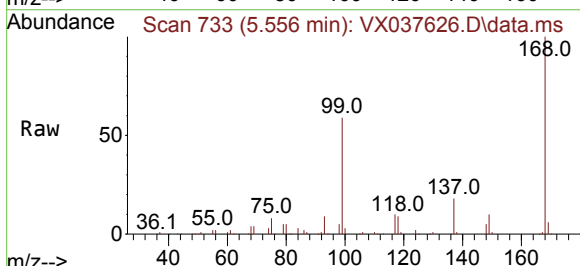
Tgt Ion: 75 Resp: 11674

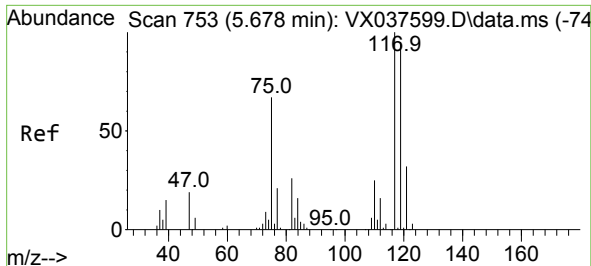
Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

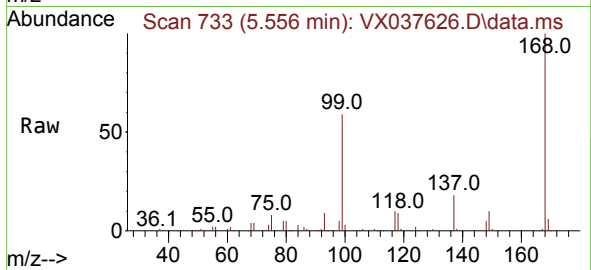
77 0.0 24.7 37.1#



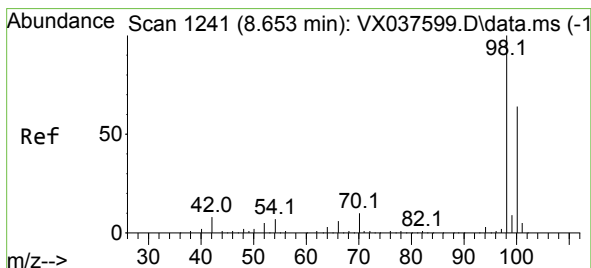
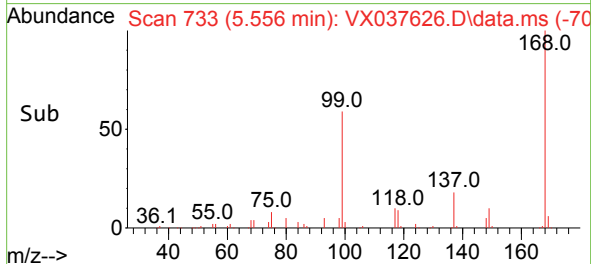
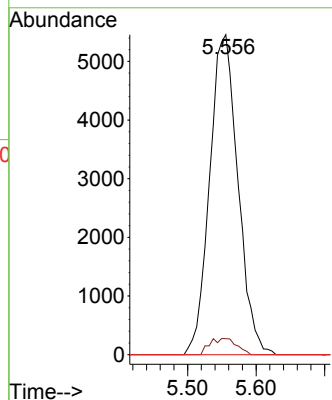


#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20230830

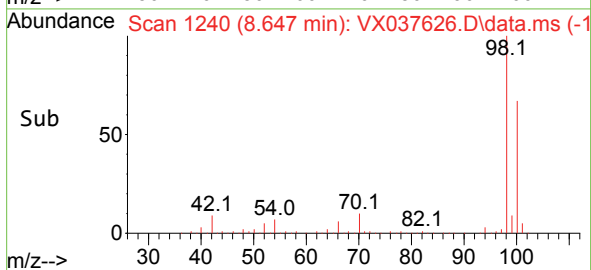
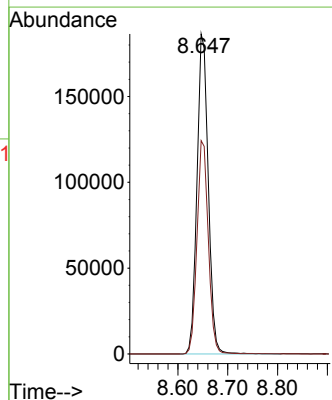
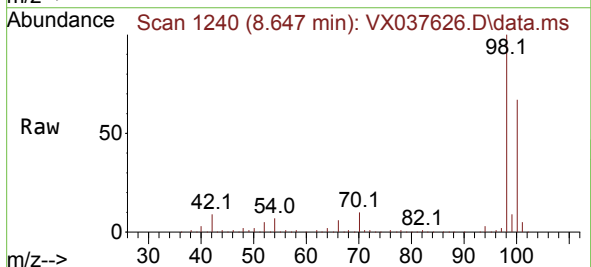


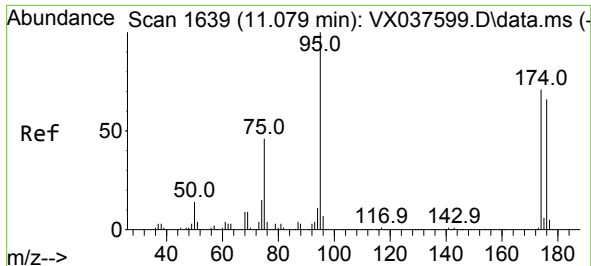
Tgt Ion:117 Resp: 15678
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 44.407 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

Tgt Ion: 98 Resp: 292447
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

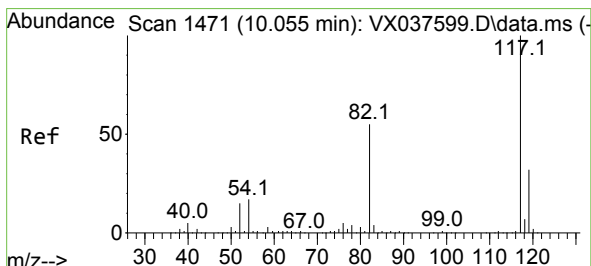
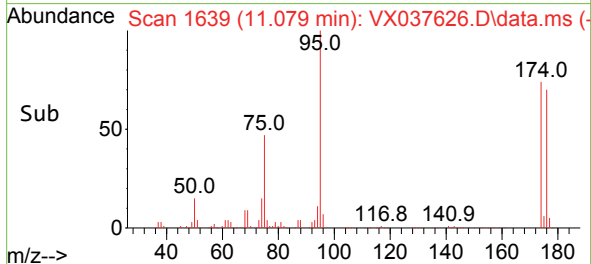
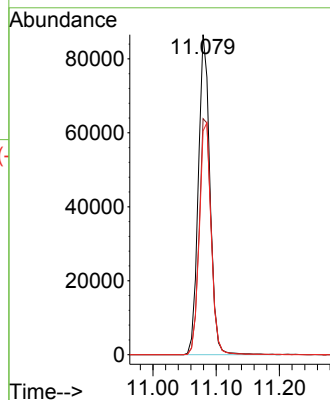
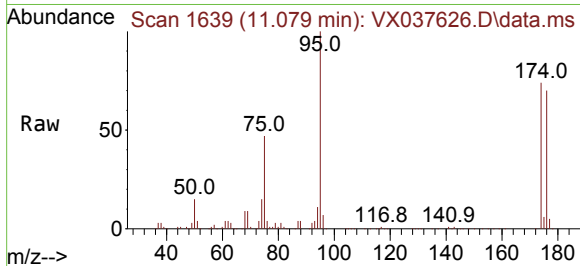




#62
4-Bromofluorobenzene
Concen: 44.400 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

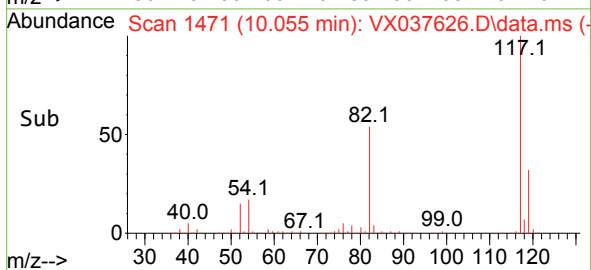
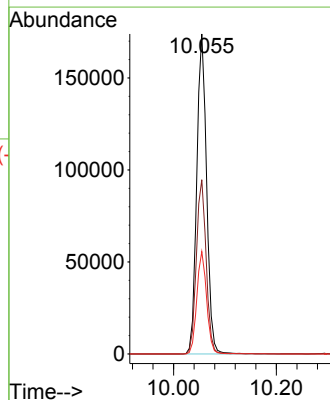
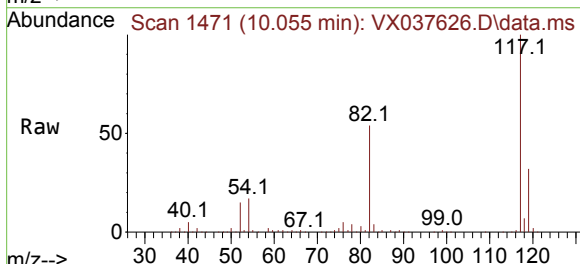
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20230830

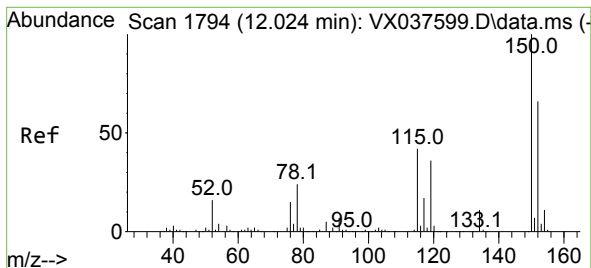
Tgt Ion: 95 Resp: 110200
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 74.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037626.D
Acq: 09 Sep 2023 14:35

Tgt Ion: 117 Resp: 231865
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037626.D

Acq: 09 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20230830

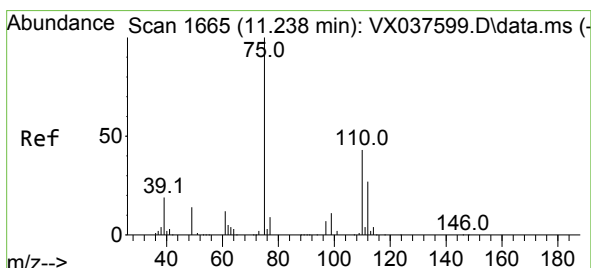
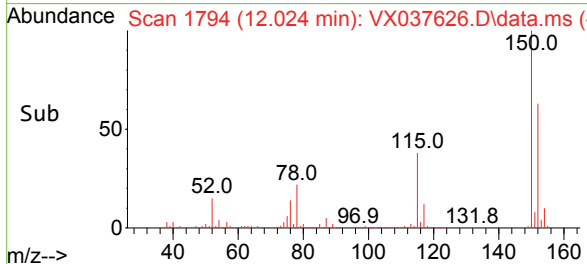
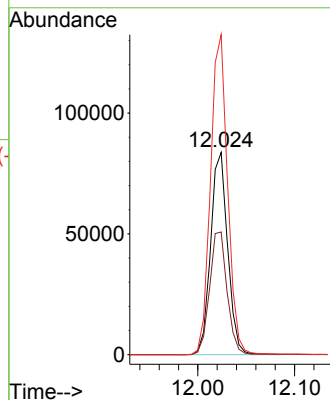
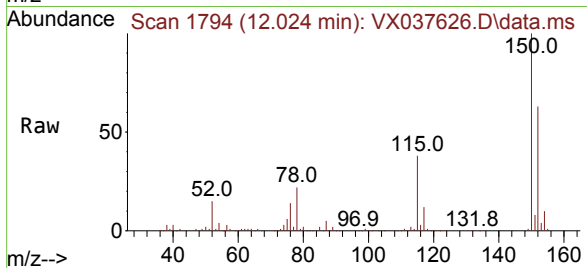
Tgt Ion:152 Resp: 102727

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 158.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.526 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037626.D

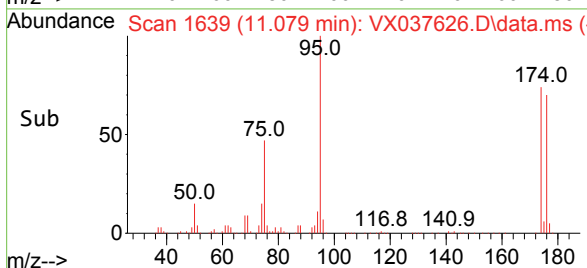
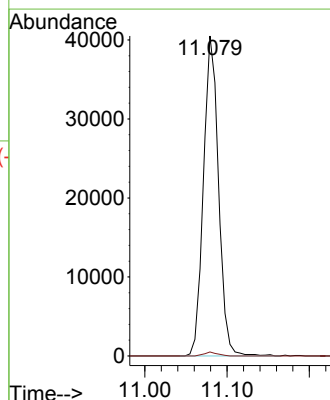
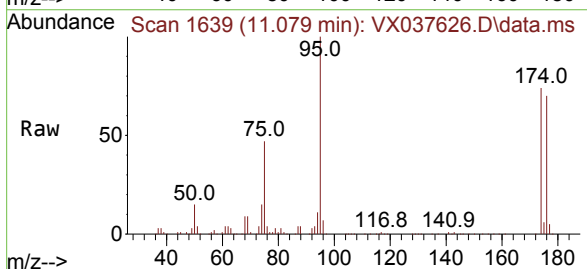
Acq: 09 Sep 2023 14:35

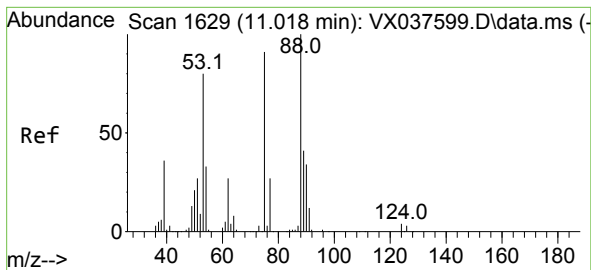
Tgt Ion: 75 Resp: 51767

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 64.309 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX037626.D

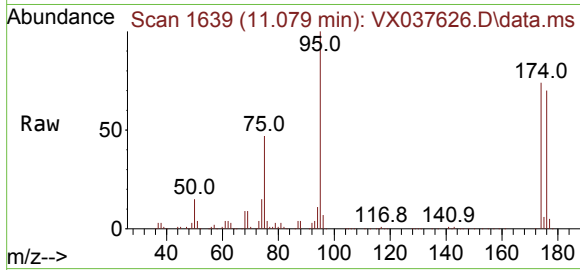
Acq: 09 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20230830



Tgt Ion: 75 Resp: 51767

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

