

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037416.D
 Acq On : 31 Aug 2023 09:03
 Operator : JC/MD
 Sample : 04128-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20230822

Quant Time: Aug 31 09:39:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

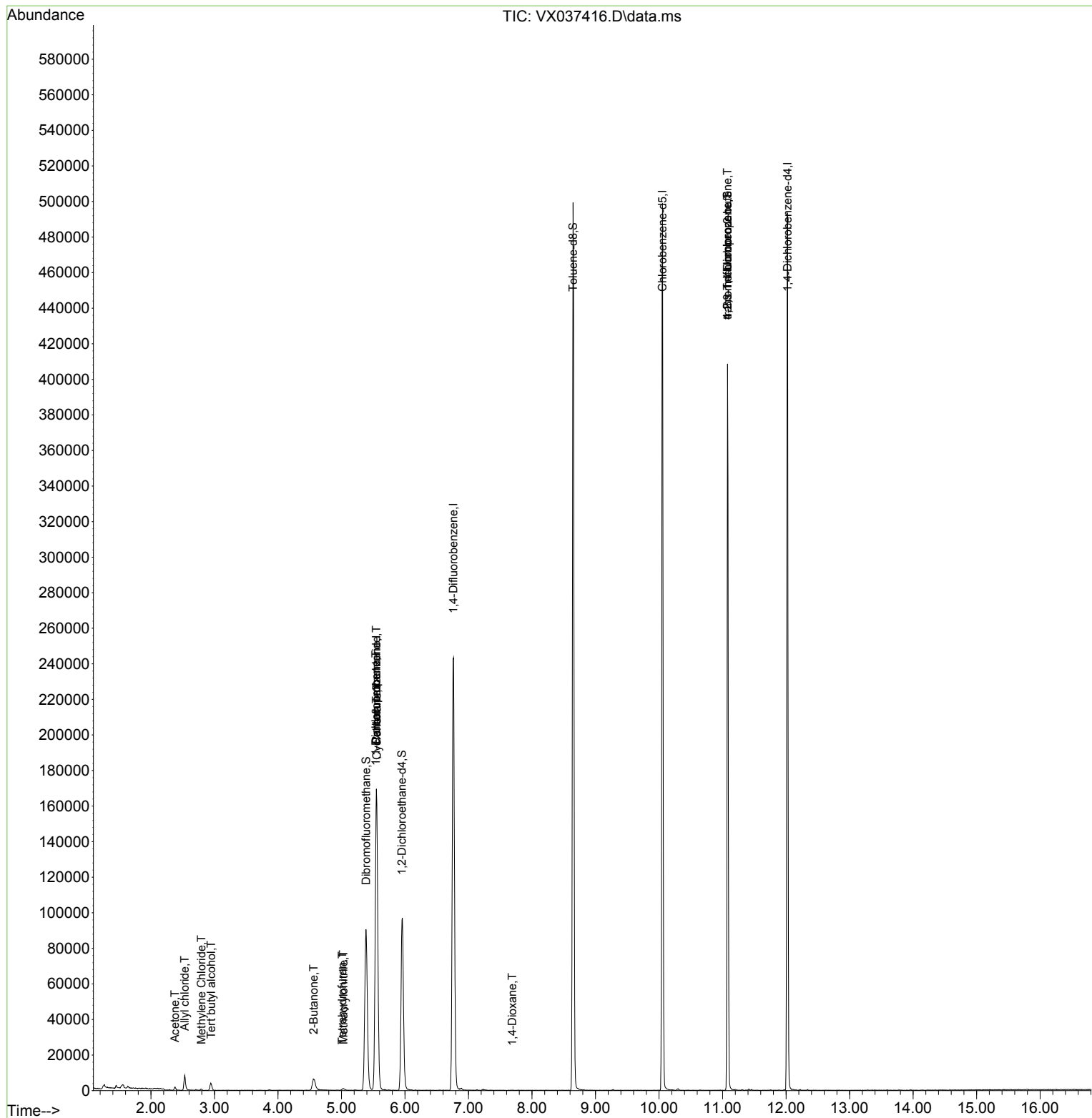
Internal Standards						
1) Pentafluorobenzene	5.550	168	159917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96893	42.027	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.060%
35) Dibromofluoromethane	5.385	113	80567	46.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	309392	48.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	113201	45.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	2557	4.728	ug/l #	78
14) Allyl chloride	2.532	41	820	0.322	ug/l #	76
16) Acetone	2.379	43	1978	2.193	ug/l #	76
20) Methylene Chloride	2.794	84	411	0.204	ug/l #	67
25) 2-Butanone	4.562	43	312	0.230	ug/l #	51
29) Tetrahydrofuran	5.013	42	919	1.061	ug/l #	65
31) Cyclohexane	5.556	56	3001	1.158	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12345	4.970	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16861	6.248	ug/l #	16
41) Methacrylonitrile	5.031	41	517	0.392	ug/l #	34
49) 1,4-Dioxane	7.689	88	85	1.606	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	55317	24.064	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55317	67.213	ug/l #	5

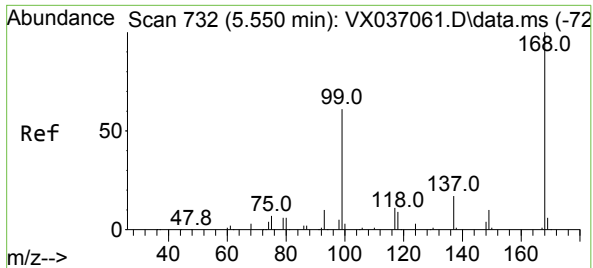
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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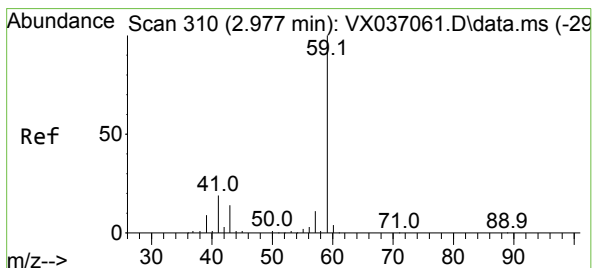
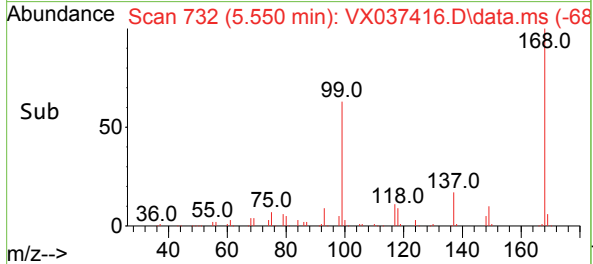
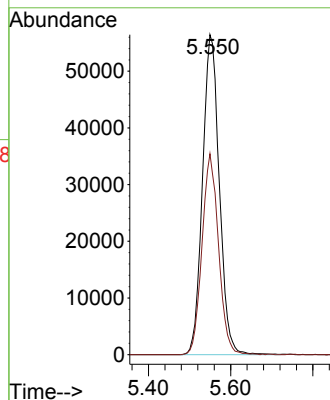
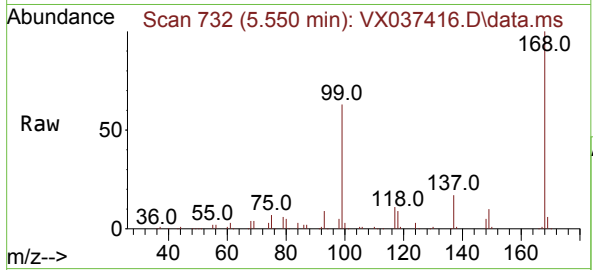




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

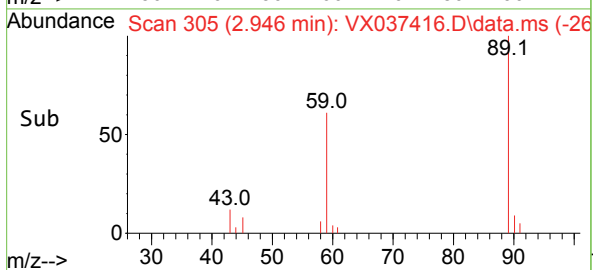
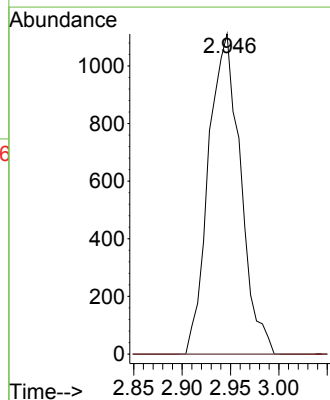
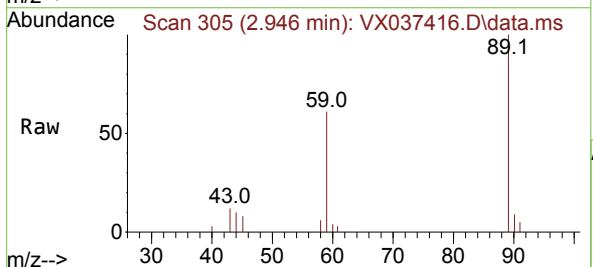
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20230822

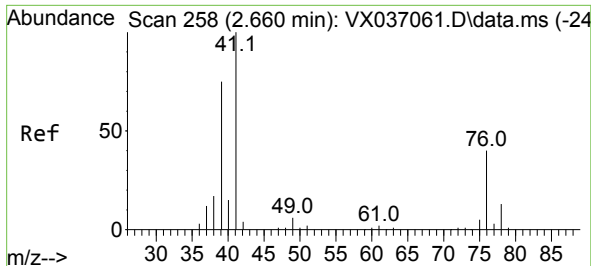
Tgt Ion:168 Resp: 159917
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.728 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

Tgt Ion: 59 Resp: 2557
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

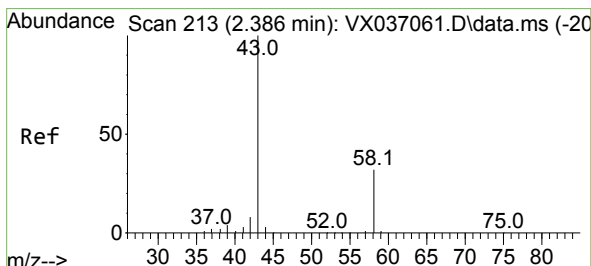
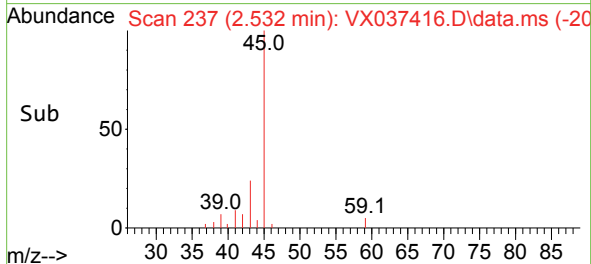
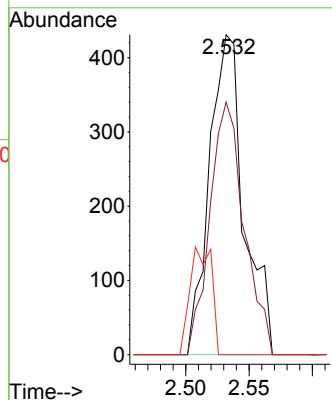
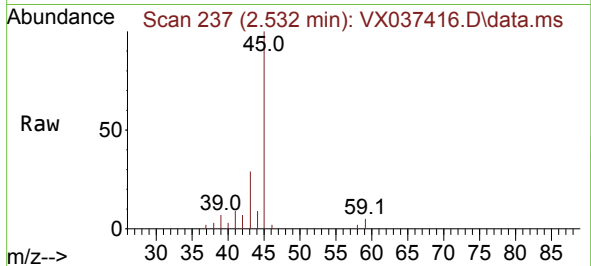




#14
 Allyl chloride
 Concen: 0.322 ug/l
 RT: 2.532 min Scan# 212
 Delta R.T. -0.128 min
 Lab File: VX037416.D
 Acq: 31 Aug 2023 09:03

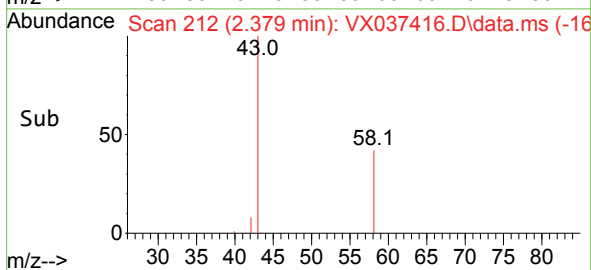
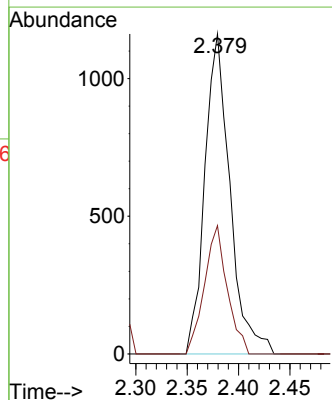
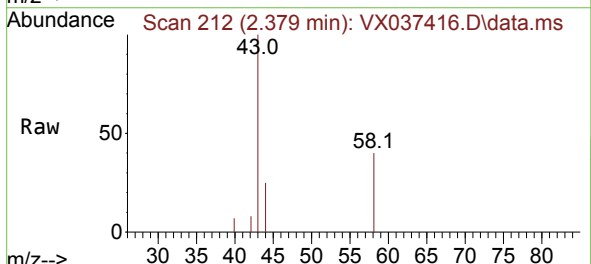
Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20230822

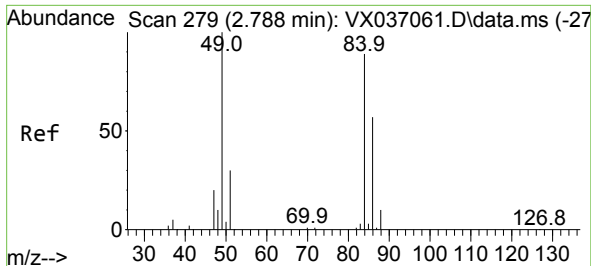
Tgt Ion: 41 Resp: 820
 Ion Ratio Lower Upper
 41 100
 39 78.0 55.8 83.6
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 2.193 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX037416.D
 Acq: 31 Aug 2023 09:03

Tgt Ion: 43 Resp: 1978
 Ion Ratio Lower Upper
 43 100
 58 40.1 21.9 32.9#





#20

Methylene Chloride

Concen: 0.204 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037416.D

Acq: 31 Aug 2023 09:03

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20230822

Tgt Ion: 84 Resp: 411

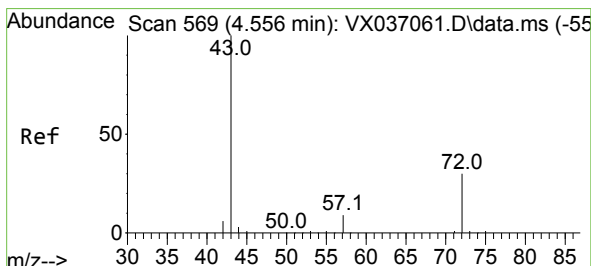
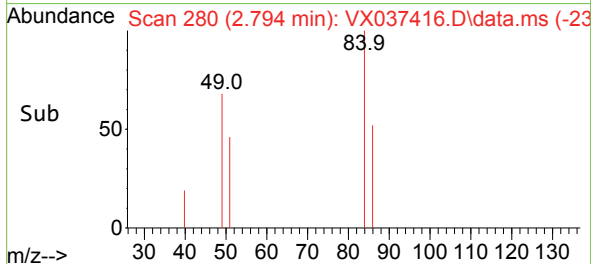
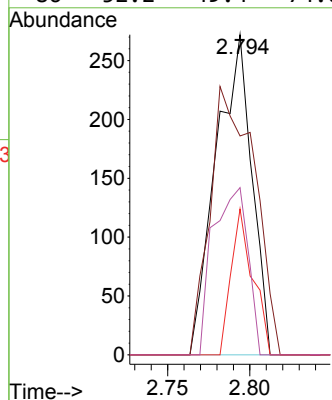
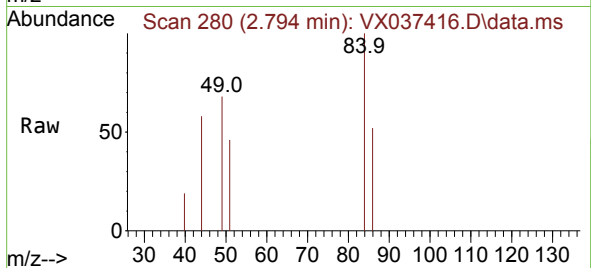
Ion Ratio Lower Upper

84 100

49 68.4 103.6 155.4#

51 45.6 33.8 50.6

86 52.2 49.4 74.0



#25

2-Butanone

Concen: 0.230 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX037416.D

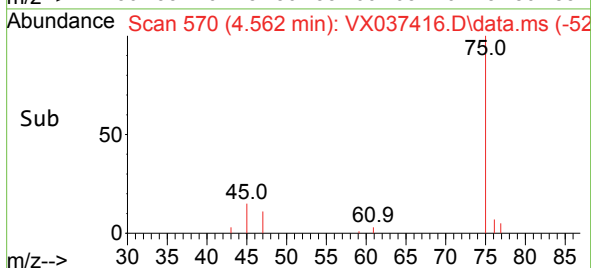
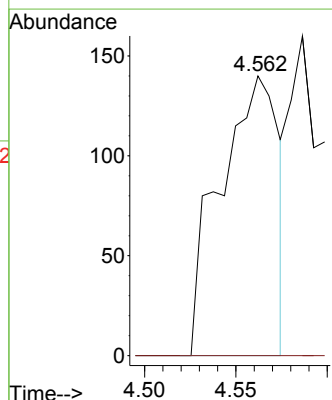
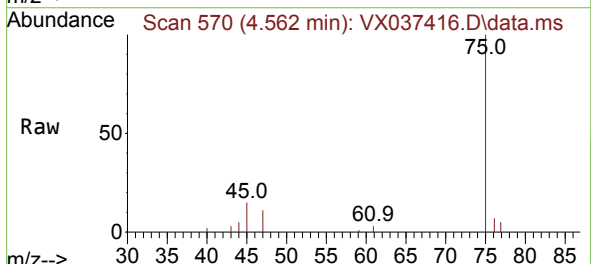
Acq: 31 Aug 2023 09:03

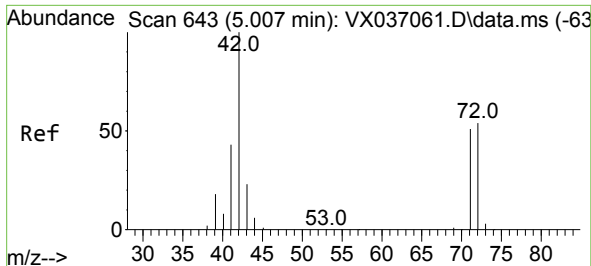
Tgt Ion: 43 Resp: 312

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 1.061 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX037416.D

Acq: 31 Aug 2023 09:03

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20230822

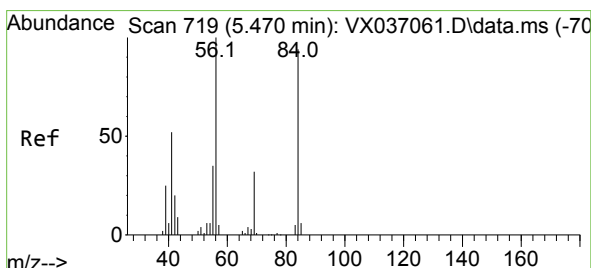
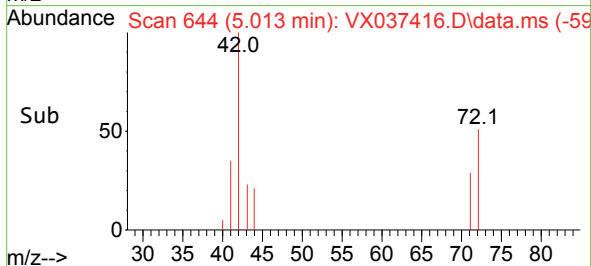
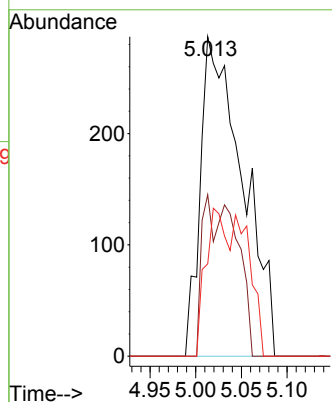
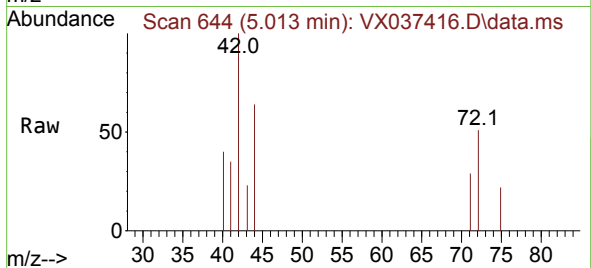
Tgt Ion: 42 Resp: 919

Ion Ratio Lower Upper

42 100

72 14.7 34.2 51.4#

71 24.9 32.2 48.2#



#31

Cyclohexane

Concen: 1.158 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037416.D

Acq: 31 Aug 2023 09:03

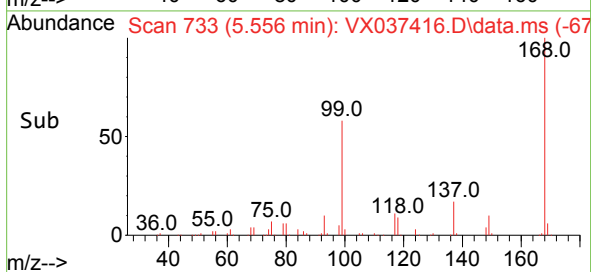
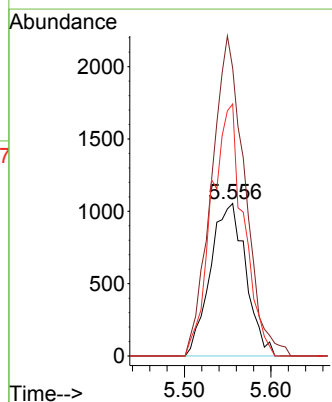
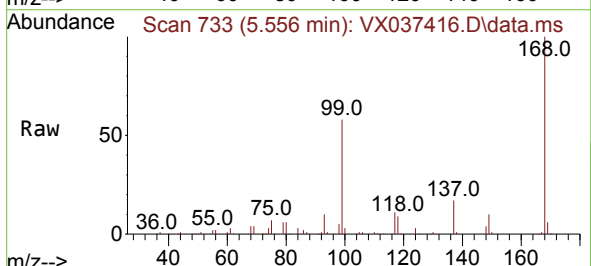
Tgt Ion: 56 Resp: 3001

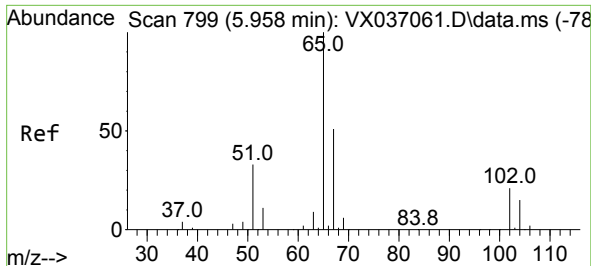
Ion Ratio Lower Upper

56 100

69 188.8 23.4 35.2#

84 165.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.027 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037416.D

Acq: 31 Aug 2023 09:03

Instrument :

MSVOA_X

ClientSampleId :

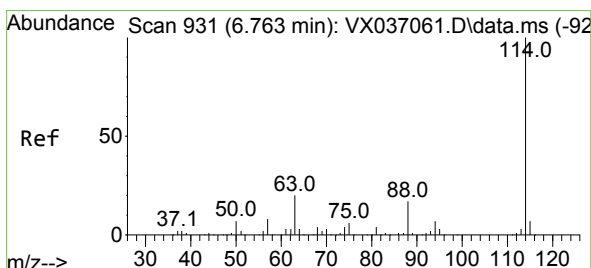
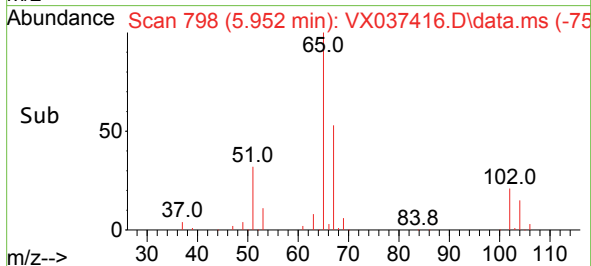
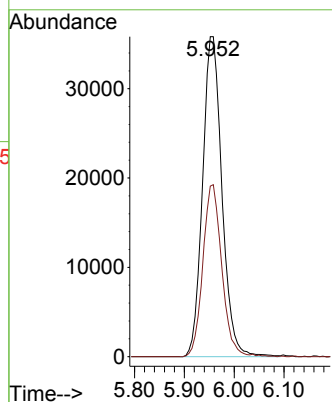
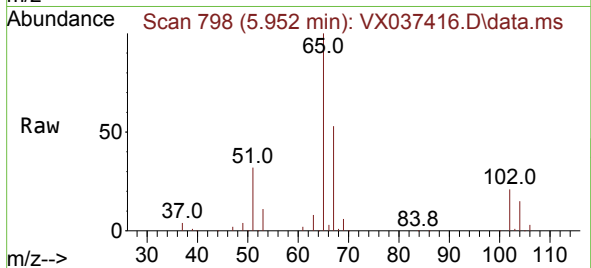
RW8-MW01S-20230822

Tgt Ion: 65 Resp: 96893

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037416.D

Acq: 31 Aug 2023 09:03

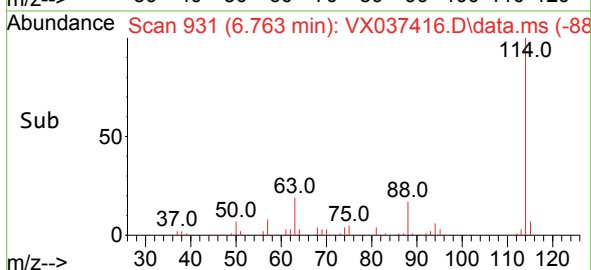
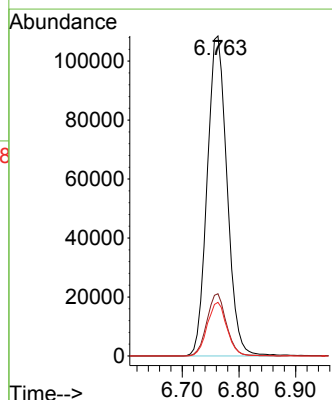
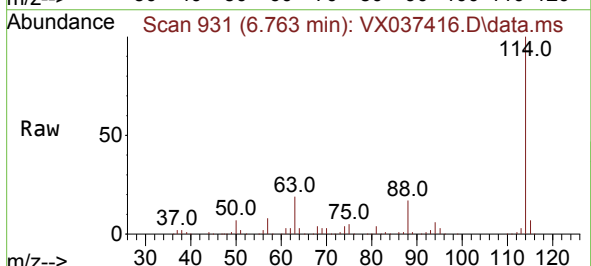
Tgt Ion: 114 Resp: 264011

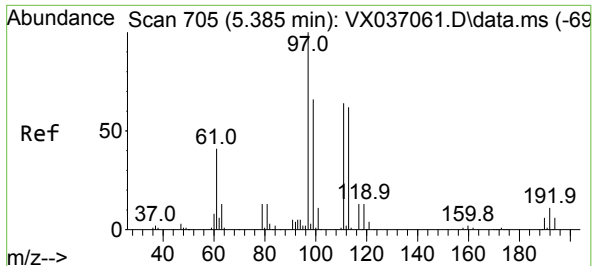
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.078 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037416.D

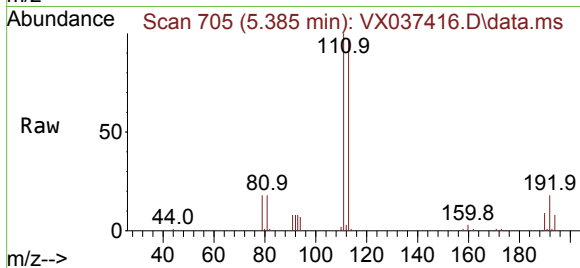
Acq: 31 Aug 2023 09:03

Instrument :

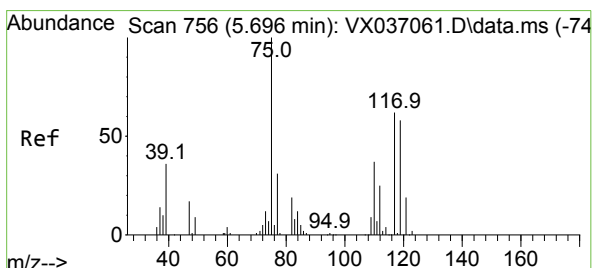
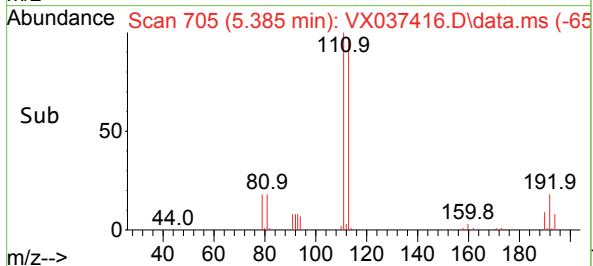
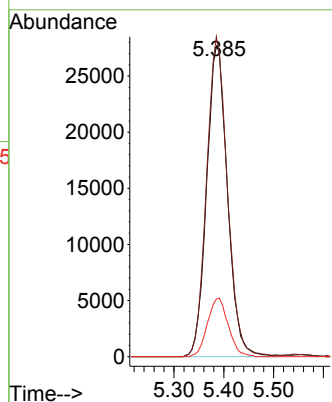
MSVOA_X

ClientSampleId :

RW8-MW01S-20230822



Tgt Ion:	113	Resp:	80567
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	18.7	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.970 ug/l

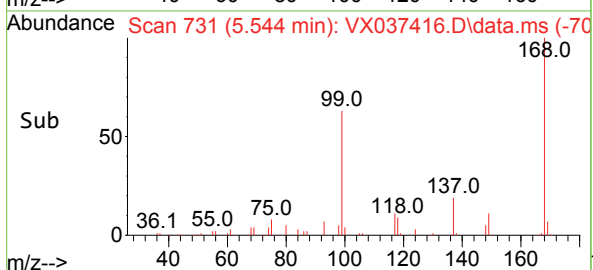
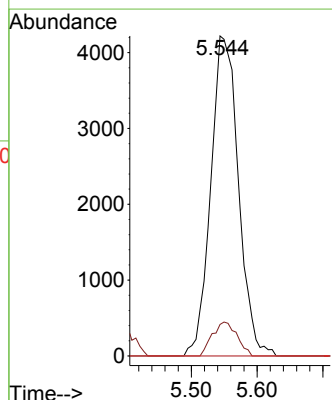
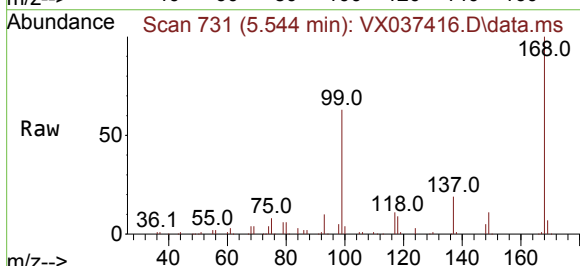
RT: 5.544 min Scan# 731

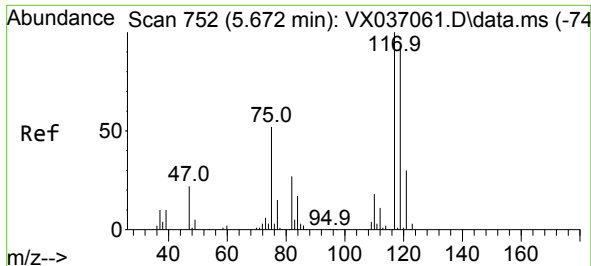
Delta R.T. -0.152 min

Lab File: VX037416.D

Acq: 31 Aug 2023 09:03

Tgt Ion:	75	Resp:	12345
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.0	50.9#
77	0.0	24.7	37.1#

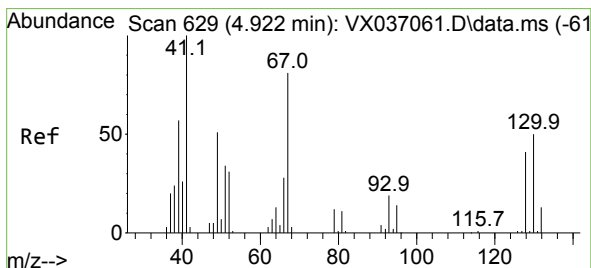
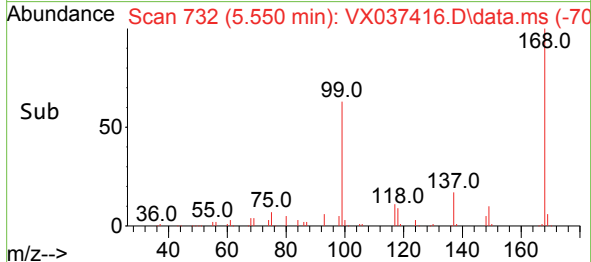
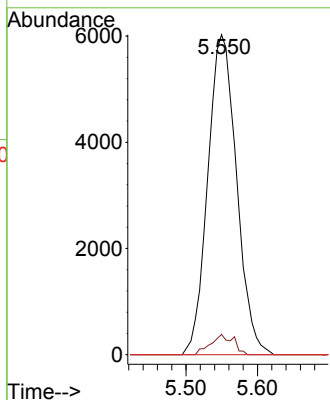
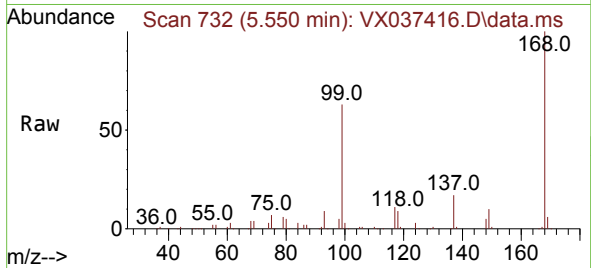




#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

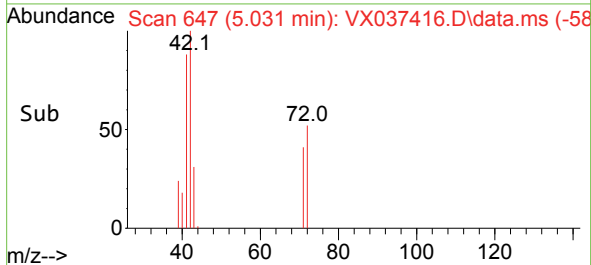
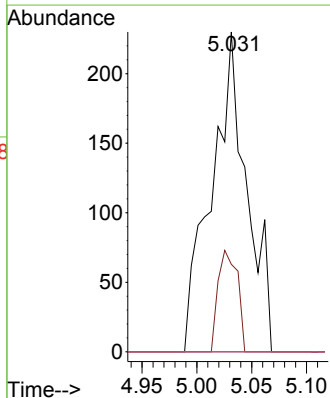
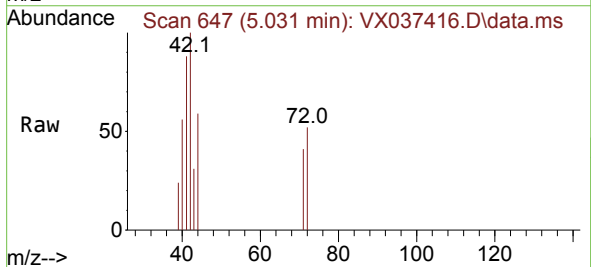
Instrument :
MSVOA_X
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RW8-MW01S-20230822

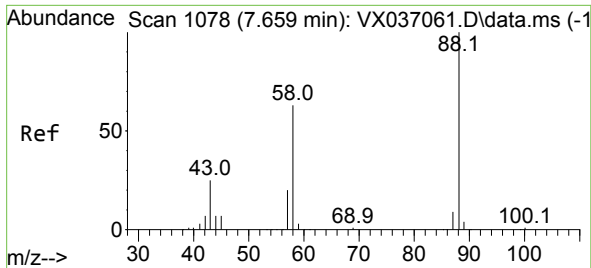
Tgt Ion:117 Resp: 16861
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.392 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

Tgt Ion: 41 Resp: 517
Ion Ratio Lower Upper
41 100
39 17.4 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

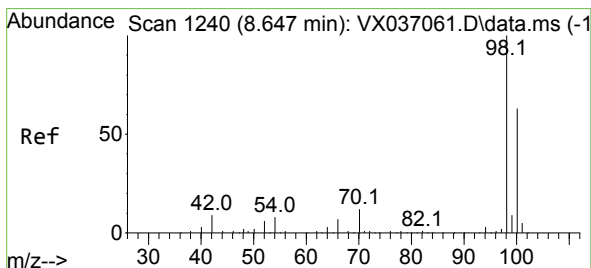
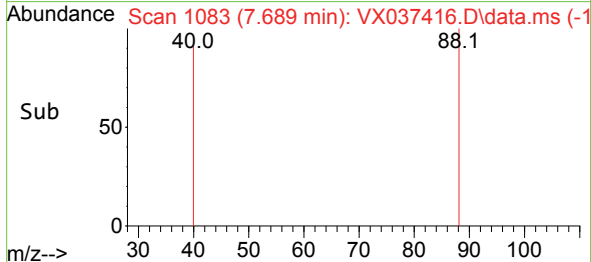
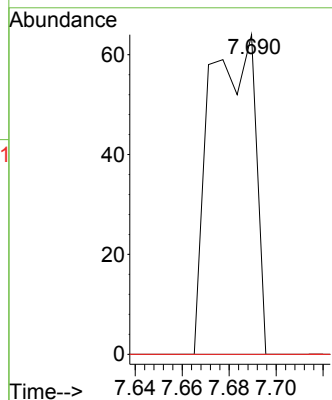
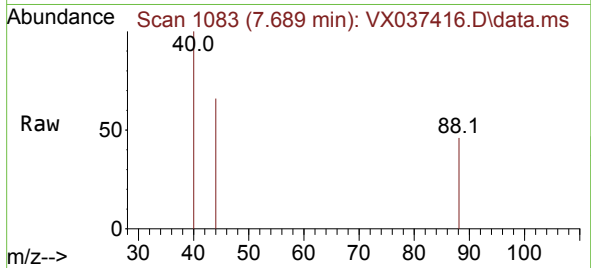




#49
1,4-Dioxane
Concen: 1.606 ug/l
RT: 7.689 min Scan# 1078
Delta R.T. 0.030 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

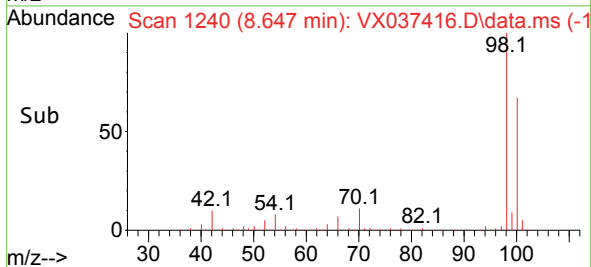
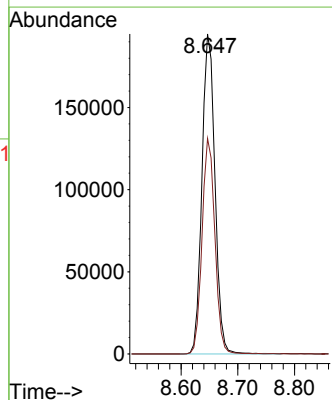
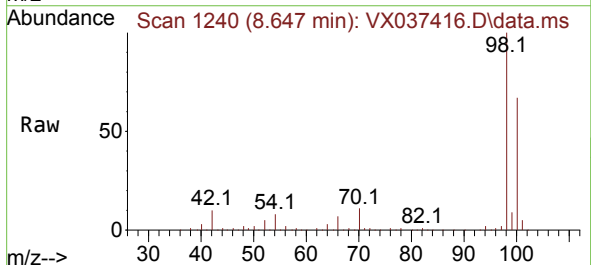
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20230822

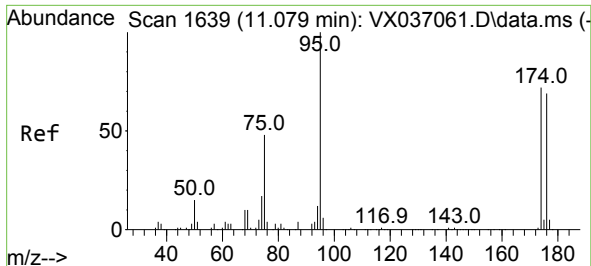
Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 48.781 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

Tgt Ion: 98 Resp: 309392
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

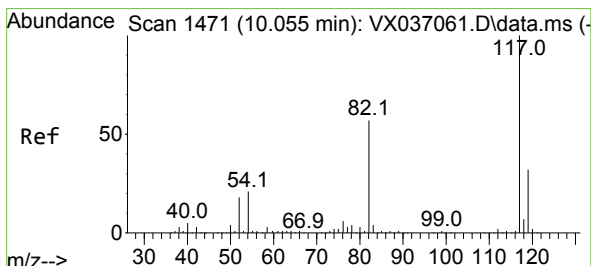
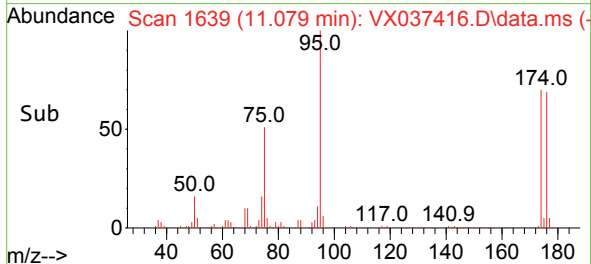
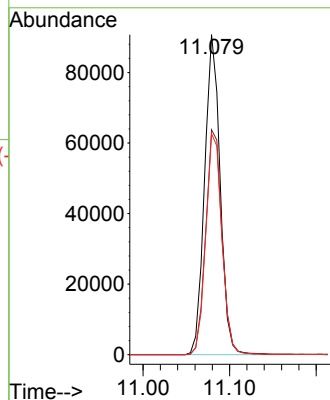
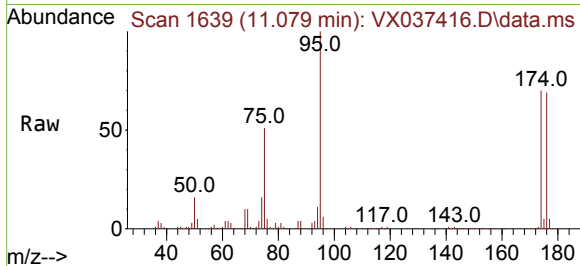




#62
4-Bromofluorobenzene
Concen: 45.417 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

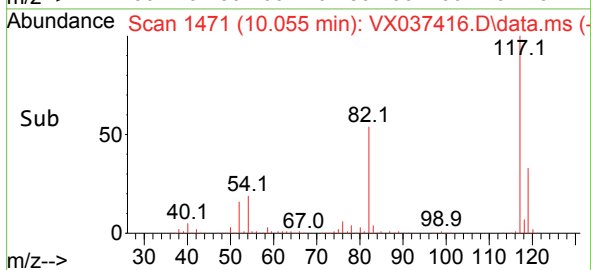
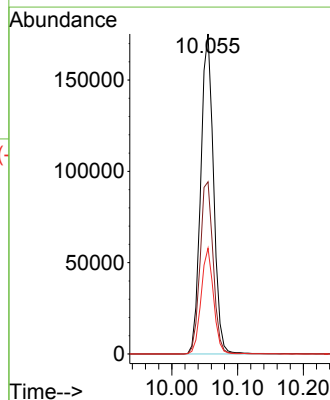
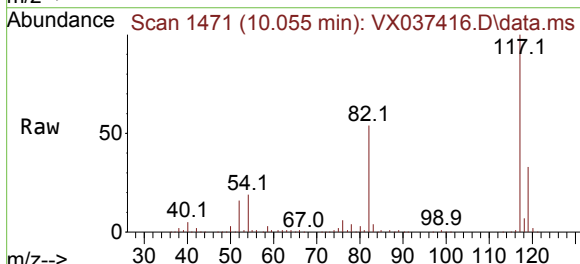
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20230822

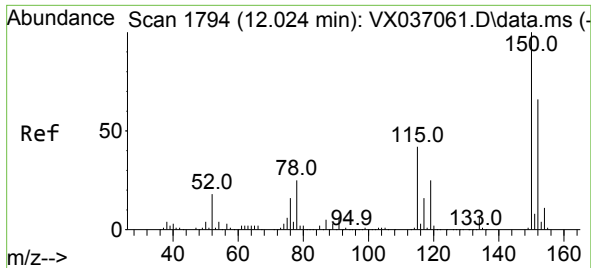
Tgt Ion: 95 Resp: 113201
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

Tgt Ion: 117 Resp: 236859
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 33.1 25.5 38.3

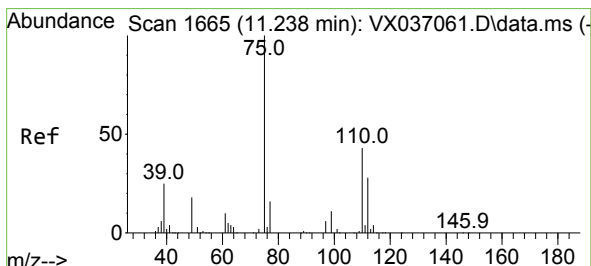
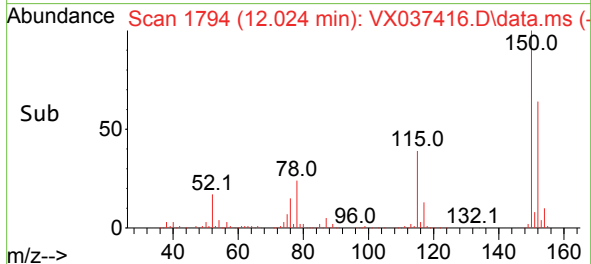
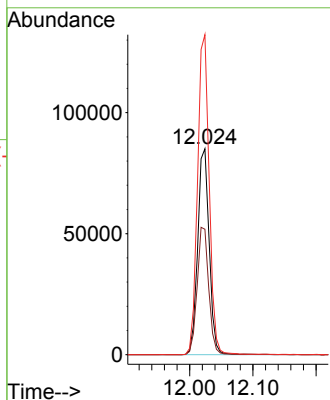
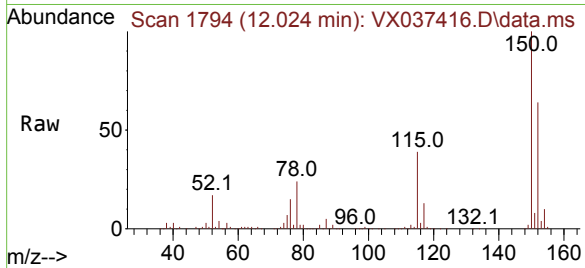




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

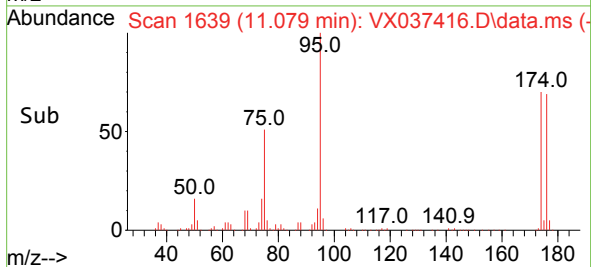
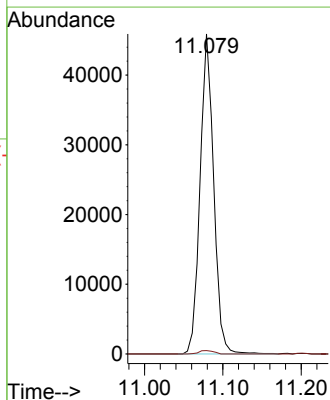
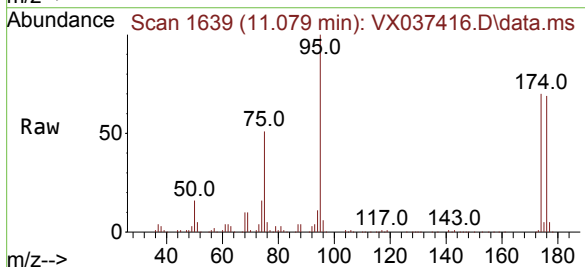
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20230822

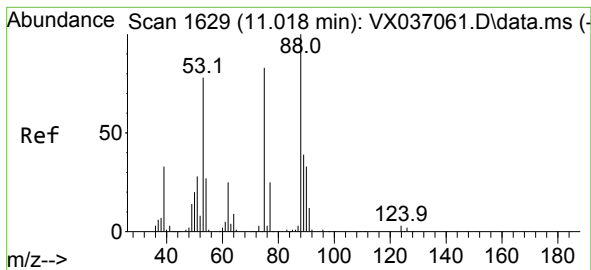
Tgt Ion:152 Resp: 107937
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 157.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037416.D
Acq: 31 Aug 2023 09:03

Tgt Ion: 75 Resp: 55317
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.213 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX037416.D
 Acq: 31 Aug 2023 09:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20230822

Tgt Ion: 75 Resp: 55317
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

