

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031038.D
 Acq On : 01 Sep 2022 22:29
 Operator : JC/MD
 Sample : N4297-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20220821

Quant Time: Sep 02 02:56:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

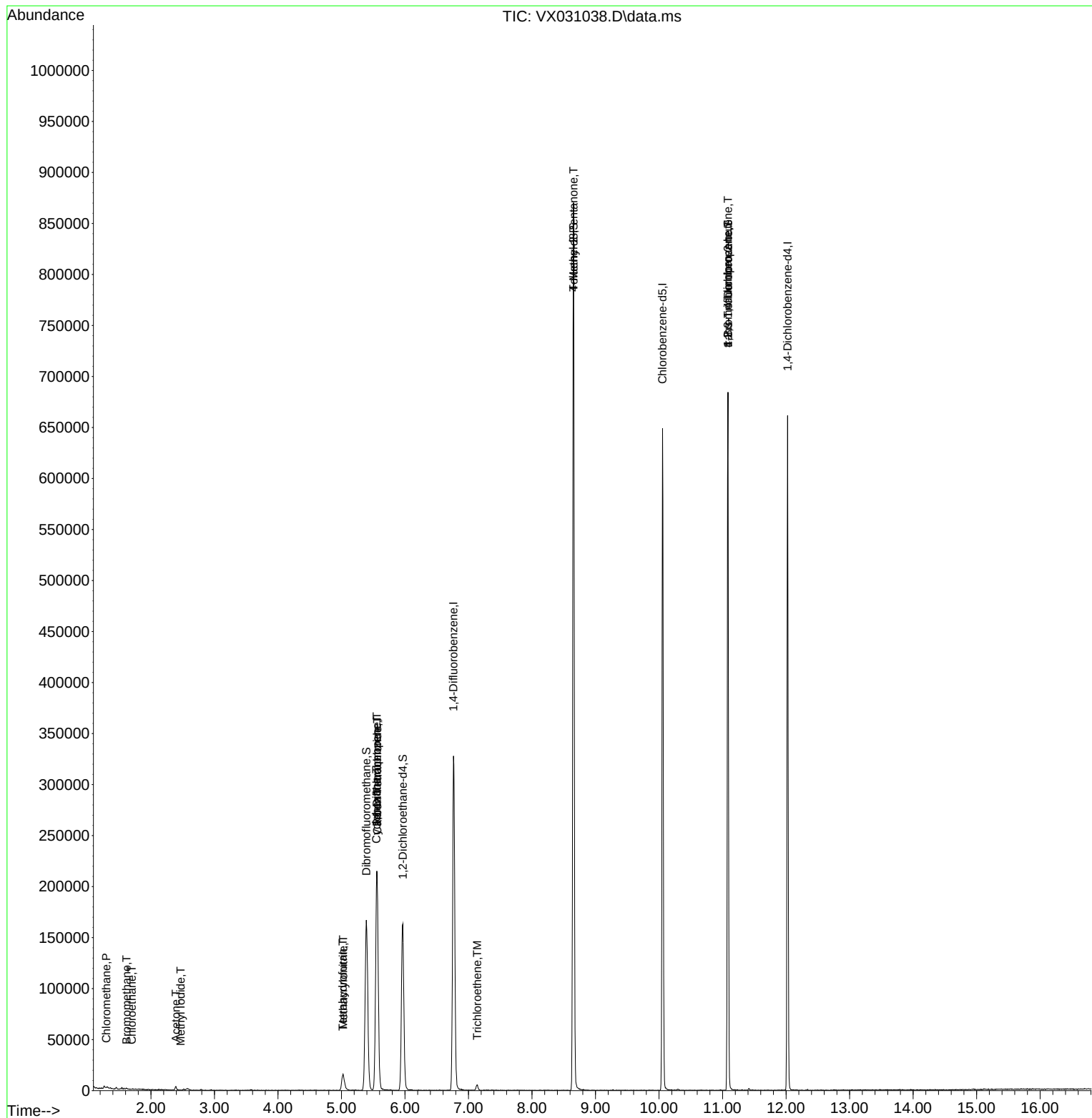
Internal Standards						
1) Pentafluorobenzene	5.556	168	219001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	357209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	157992	56.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.140%	
35) Dibromofluoromethane	5.391	113	155642	59.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.420%	
50) Toluene-d8	8.653	98	552552	57.594	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.180%#	
62) 4-Bromofluorobenzene	11.085	95	185377	54.707	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	220	0.801	ug/l	89
5) Bromomethane	1.617	94	314	0.298	ug/l #	66
6) Chloroethane	1.696	64	176	1.838	ug/l #	41
10) Methyl Iodide	2.465	142	188	2.978	ug/l #	81
11) Tert butyl alcohol	2.995	59	53	Below Cal	#	74
16) Acetone	2.391	43	3574	3.285	ug/l #	78
20) Methylene Chloride	2.788	84	418	Below Cal	#	63
29) Tetrahydrofuran	5.019	42	13524	12.491	ug/l #	77
31) Cyclohexane	5.549	56	3167	0.823	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14666	4.017	ug/l #	45
38) Carbon Tetrachloride	5.562	117	20185	5.326	ug/l #	18
41) Methacrylonitrile	5.025	41	8203	4.850	ug/l #	43
44) Trichloroethene	7.135	130	2416	0.728	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	1685	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	84336	25.057	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	84336	78.747	ug/l #	13

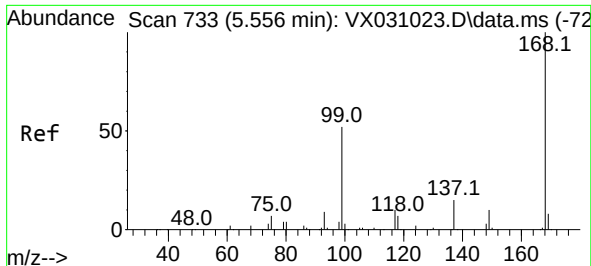
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
Data File : VX031038.D
Acq On : 01 Sep 2022 22:29
Operator : JC/MD
Sample : N4297-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

Quant Time: Sep 02 02:56:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

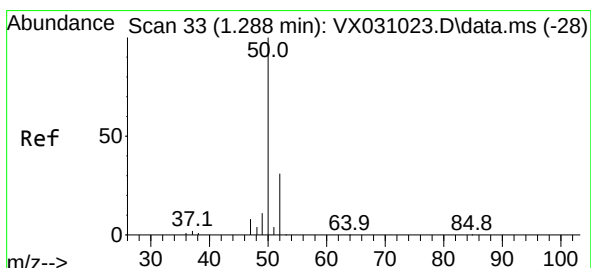
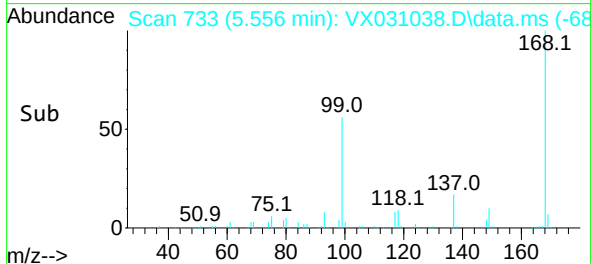
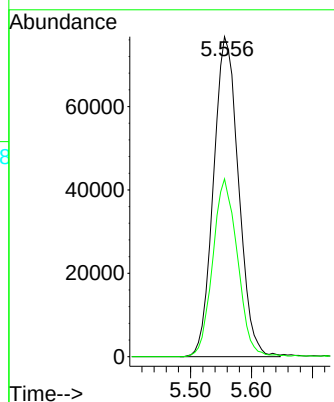
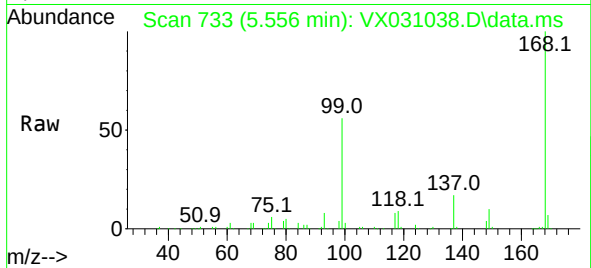




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

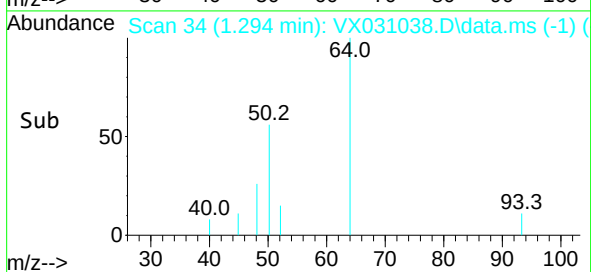
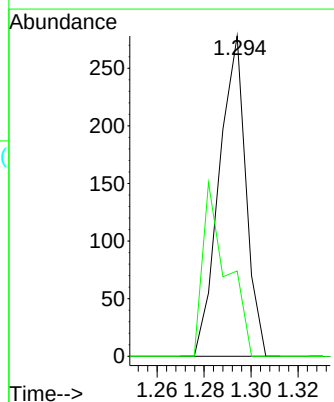
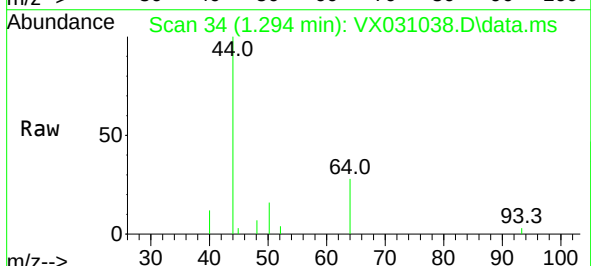
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

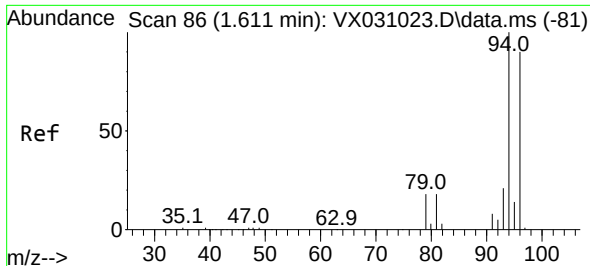
Tgt Ion:168 Resp: 219001
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#3
Chloromethane
Concen: 0.801 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 50 Resp: 220
Ion Ratio Lower Upper
50 100
52 26.6 26.3 39.5

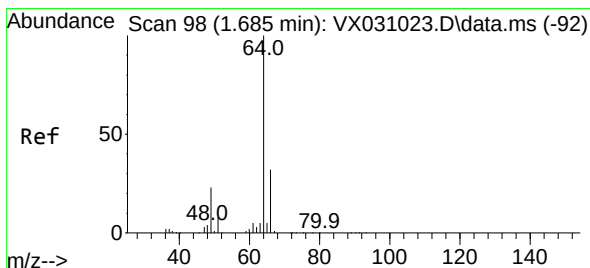
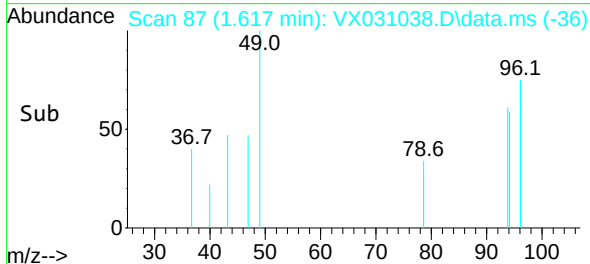
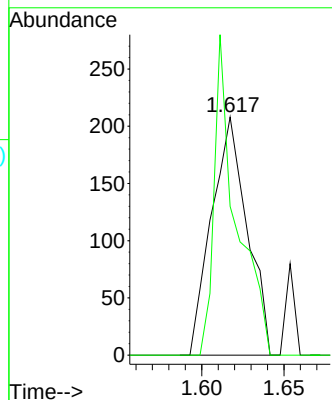
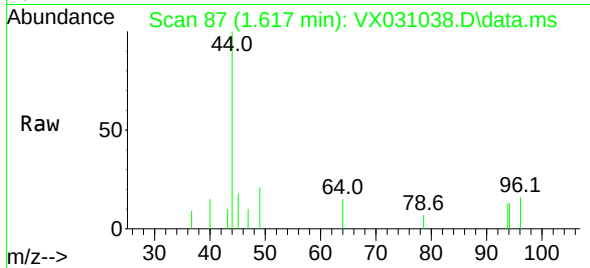




#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

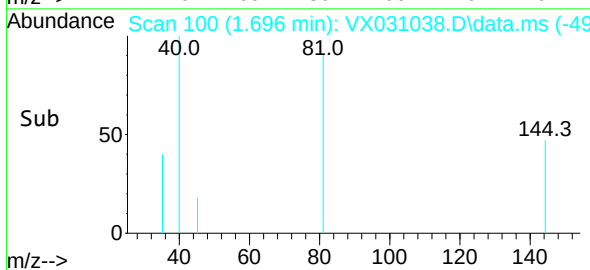
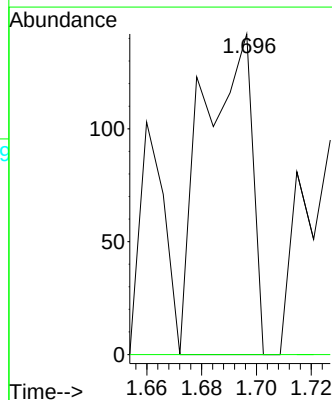
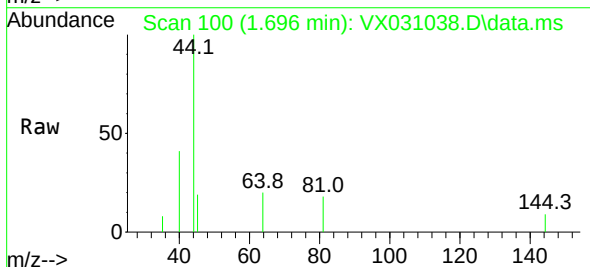
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

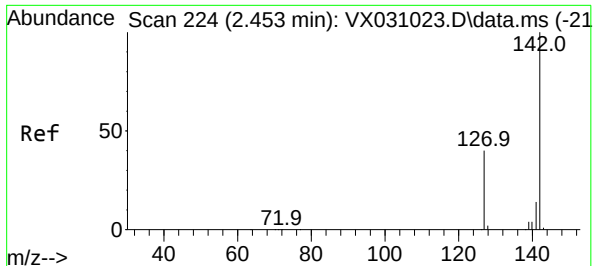
Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 62.5 76.9 115.3#



#6
Chloroethane
Concen: 1.838 ug/l
RT: 1.696 min Scan# 100
Delta R.T. 0.011 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

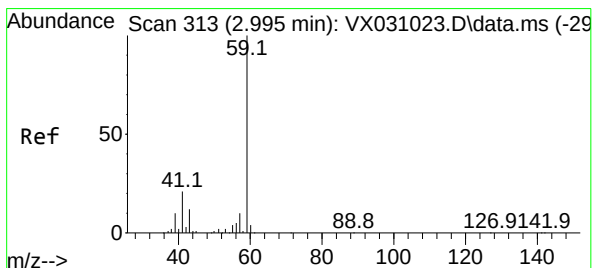
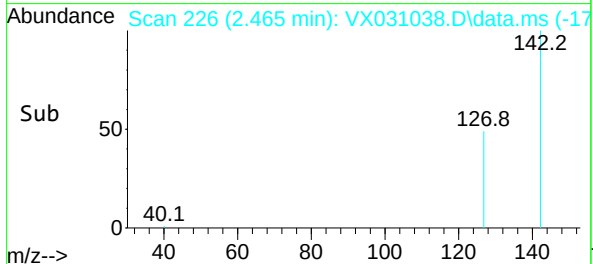
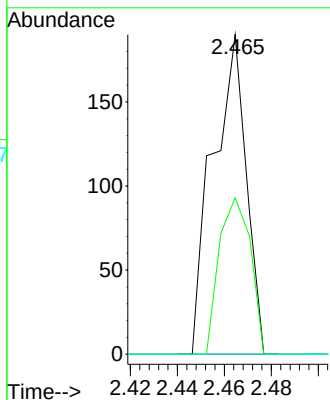
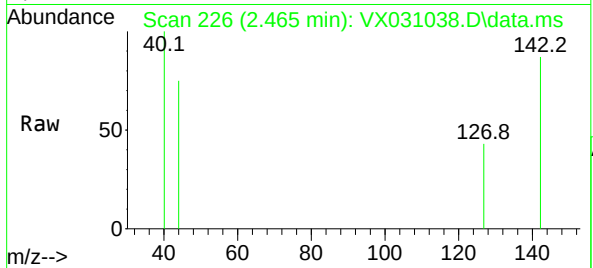




#10
Methyl Iodide
Concen: 2.978 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

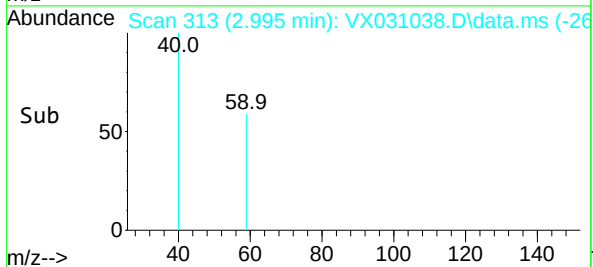
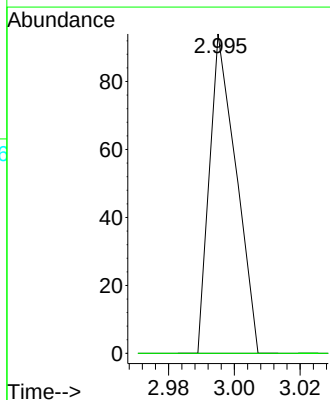
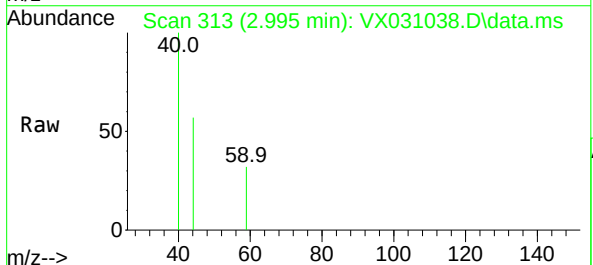
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

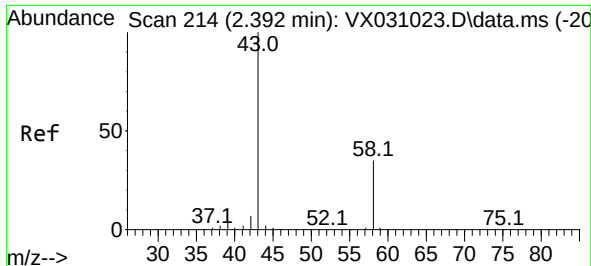
Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
127 45.7 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

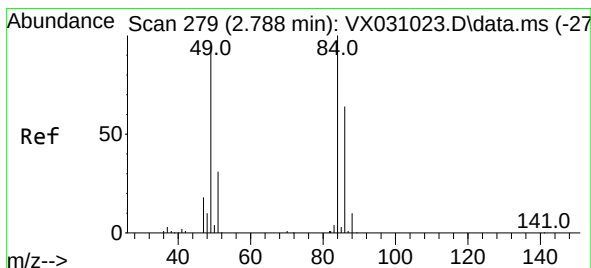
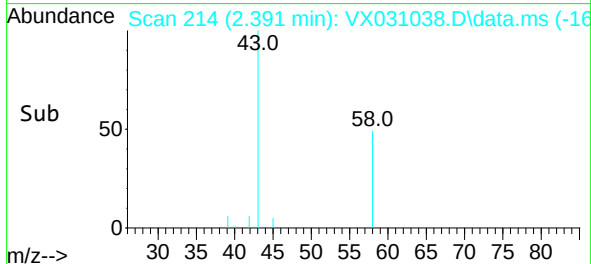
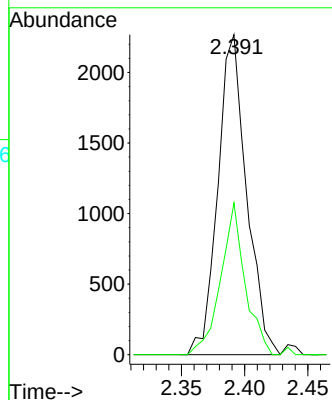
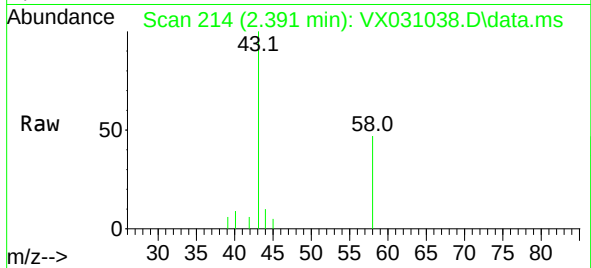




#16
Acetone
Concen: 3.285 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.005 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

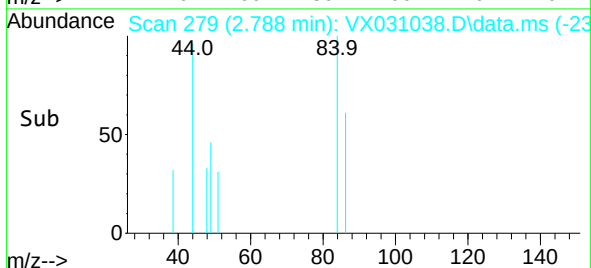
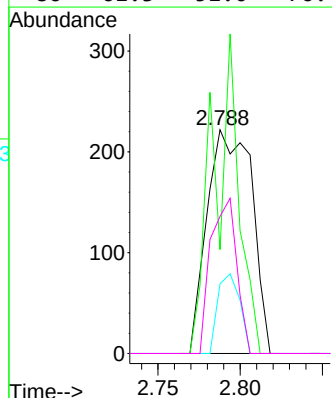
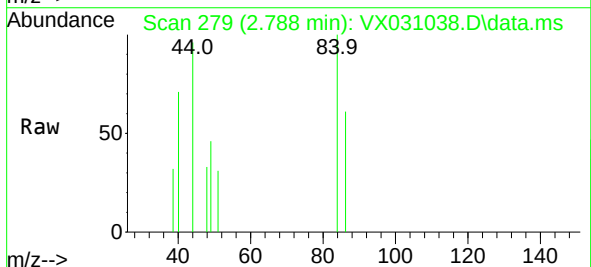
Instrument : MSVOA_X
ClientSampleId : RW9-MW01D2-20220821

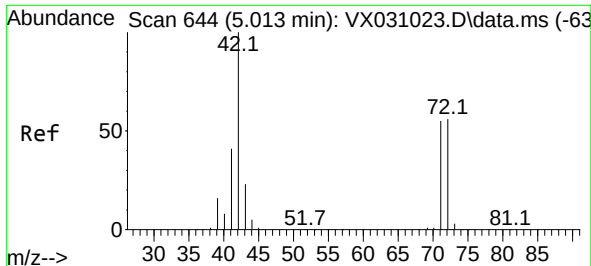
Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
58 47.4 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 84 Resp: 418
Ion Ratio Lower Upper
84 100
49 46.4 93.8 140.6#
51 31.1 29.4 44.0
86 61.3 51.0 76.4





#29

Tetrahydrofuran

Concen: 12.491 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX031038.D

Acq: 01 Sep 2022 22:29

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D2-20220821

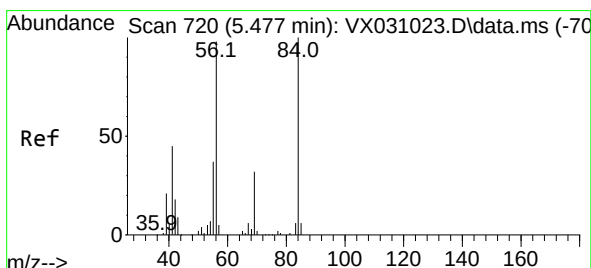
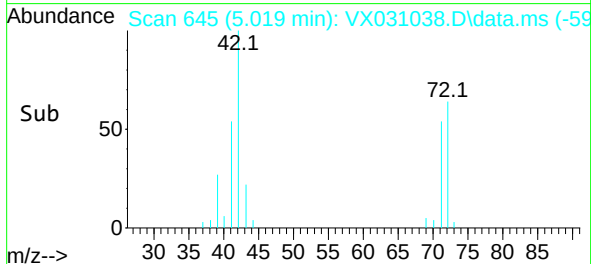
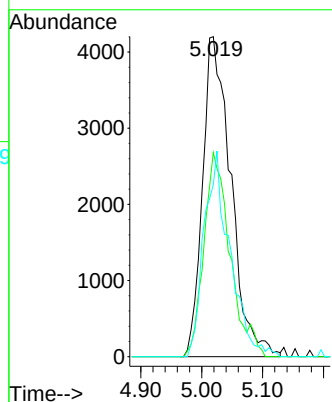
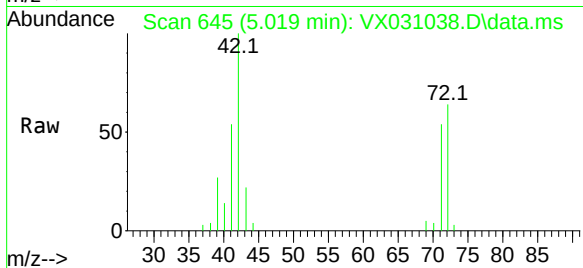
Tgt Ion: 42 Resp: 13524

Ion Ratio Lower Upper

42 100

72 59.1 36.5 54.7#

71 58.8 33.9 50.9#



#31

Cyclohexane

Concen: 0.823 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.072 min

Lab File: VX031038.D

Acq: 01 Sep 2022 22:29

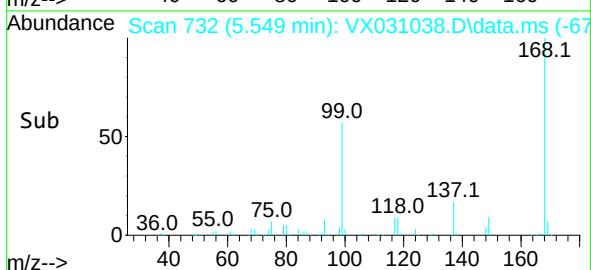
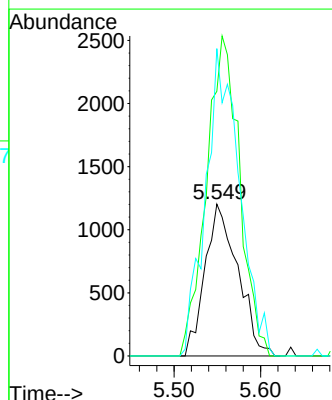
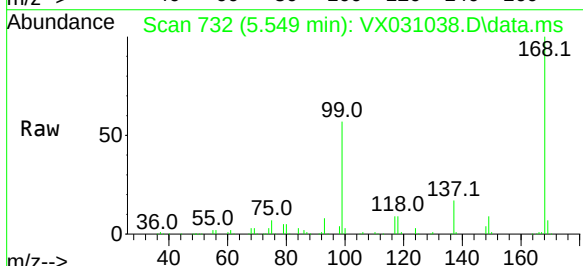
Tgt Ion: 56 Resp: 3167

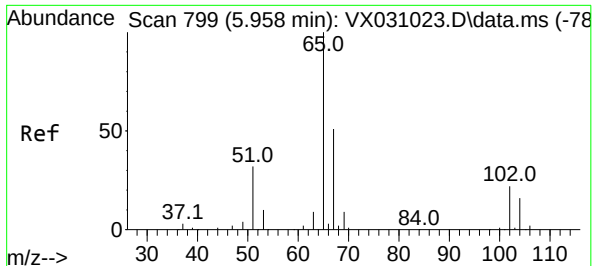
Ion Ratio Lower Upper

56 100

69 174.2 25.4 38.0#

84 202.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 56.068 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031038.D

Acq: 01 Sep 2022 22:29

Instrument :

MSVOA_X

ClientSampleId :

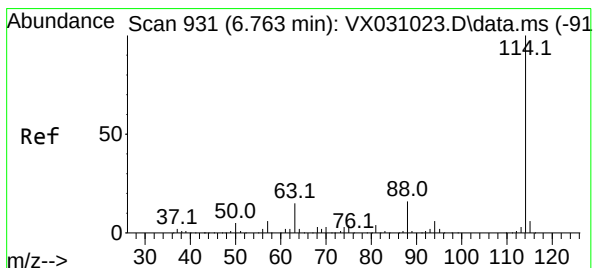
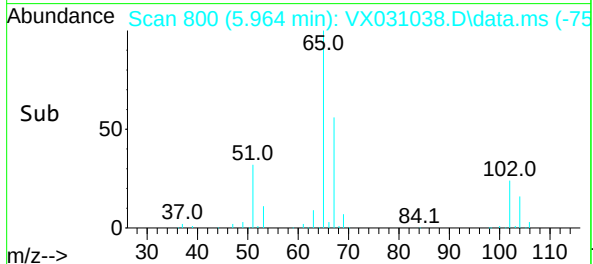
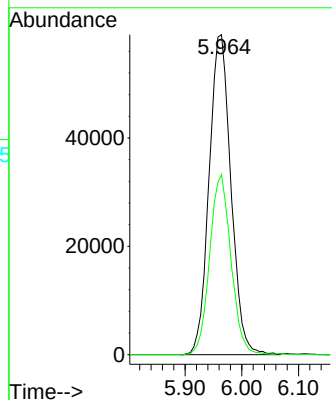
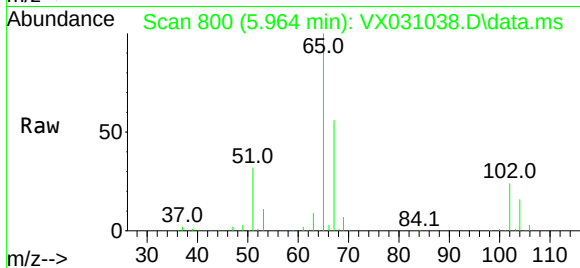
RW9-MW01D2-20220821

Tgt Ion: 65 Resp: 157992

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031038.D

Acq: 01 Sep 2022 22:29

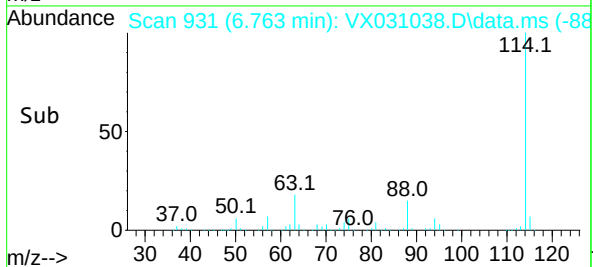
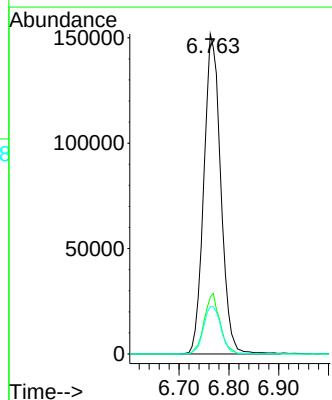
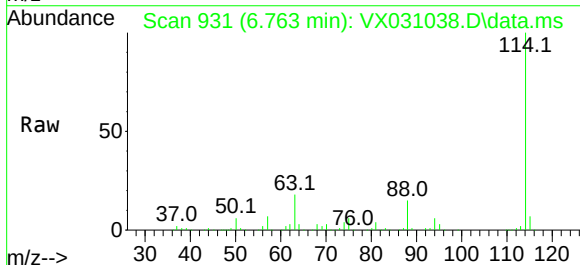
Tgt Ion: 114 Resp: 357209

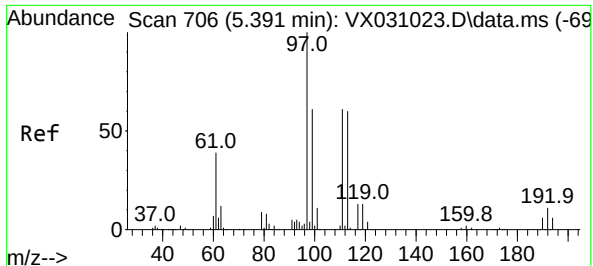
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 14.8 0.0 31.8

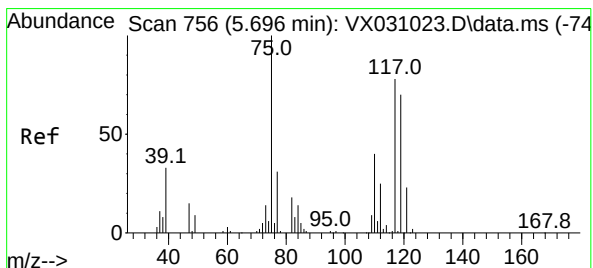
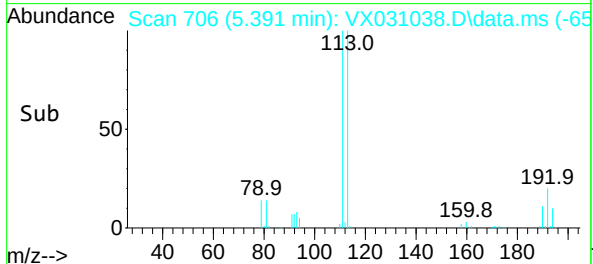
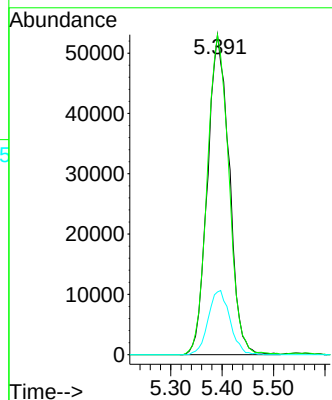
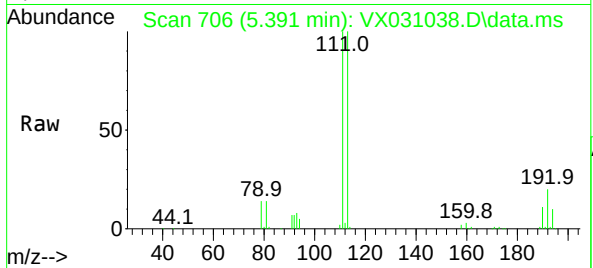




#35
Dibromofluoromethane
Concen: 59.706 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

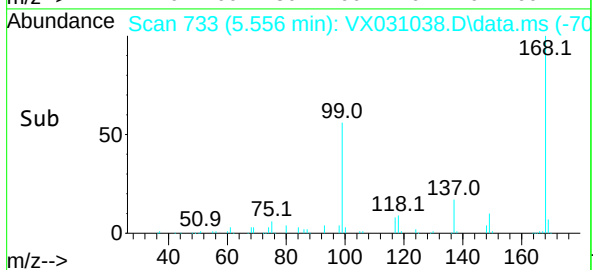
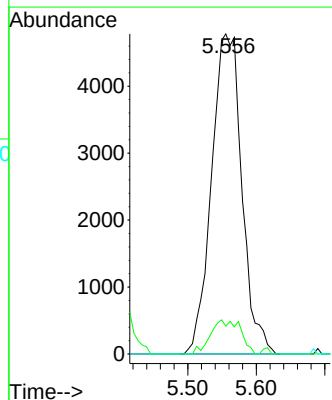
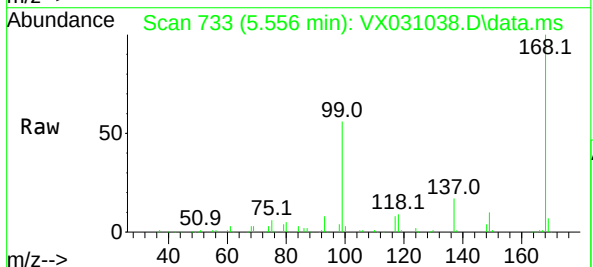
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

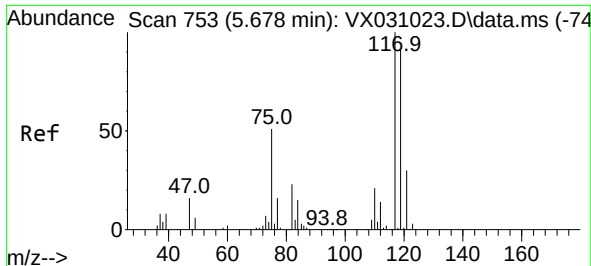
Tgt Ion:113 Resp: 155642
Ion Ratio Lower Upper
113 100
111 99.7 83.2 124.8
192 20.1 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.017 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

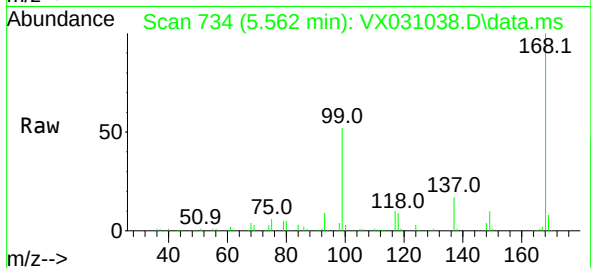
Tgt Ion: 75 Resp: 14666
Ion Ratio Lower Upper
75 100
110 5.8 19.3 57.9#
77 0.0 24.4 36.6#



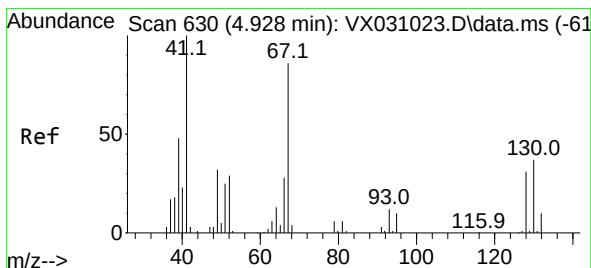
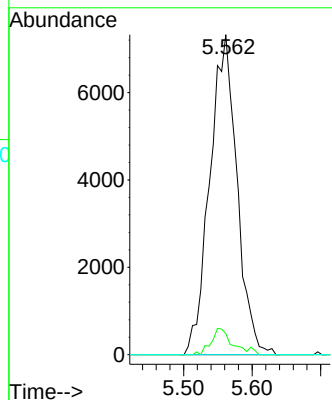
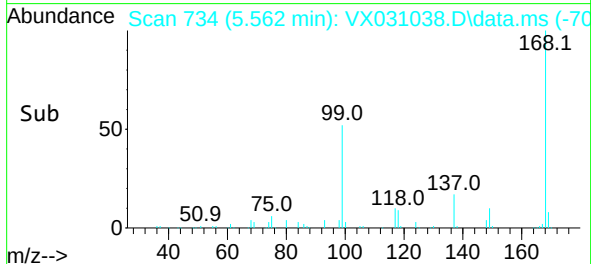


#38
Carbon Tetrachloride
Concen: 5.326 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

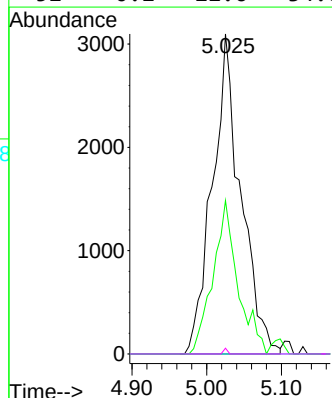
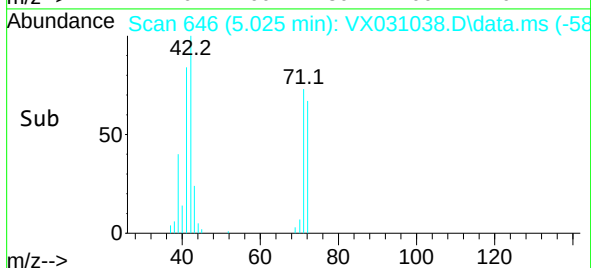
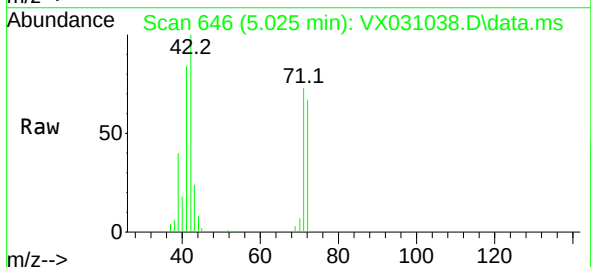


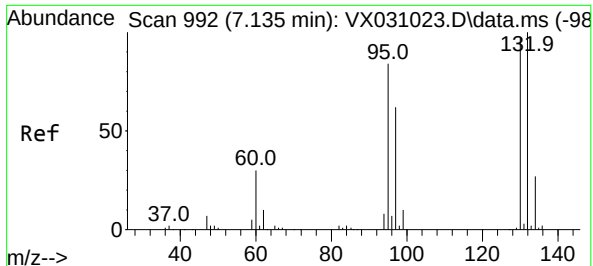
Tgt Ion:117 Resp: 20185
Ion Ratio Lower Upper
117 100
119 6.6 74.1 111.1#
121 0.0 25.8 38.8#



#41
Methacrylonitrile
Concen: 4.850 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 41 Resp: 8203
Ion Ratio Lower Upper
41 100
39 42.1 42.9 64.3#
67 0.0 60.1 90.1#
52 0.2 22.6 34.0#

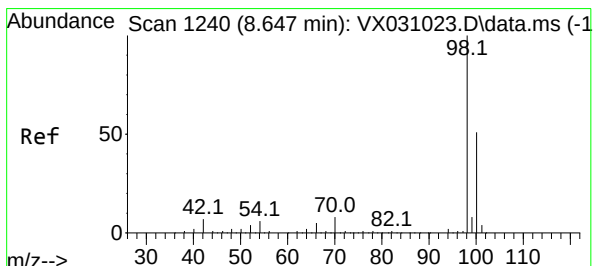
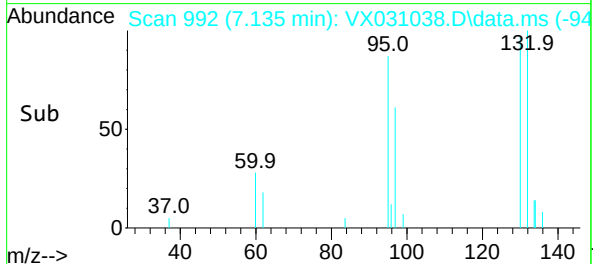
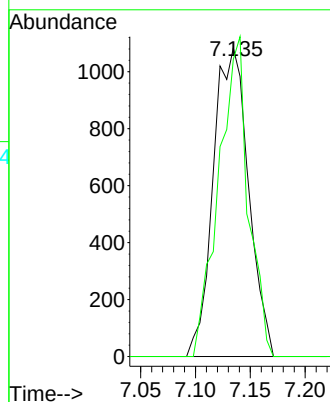
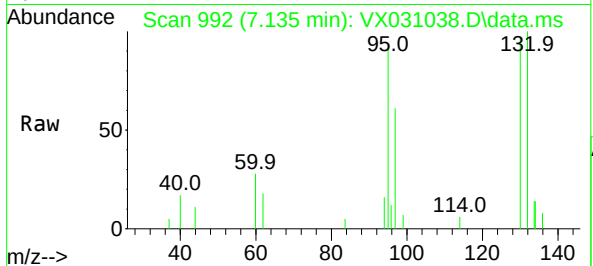




#44
 Trichloroethene
 Concen: 0.728 ug/l
 RT: 7.135 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VX031038.D
 Acq: 01 Sep 2022 22:29

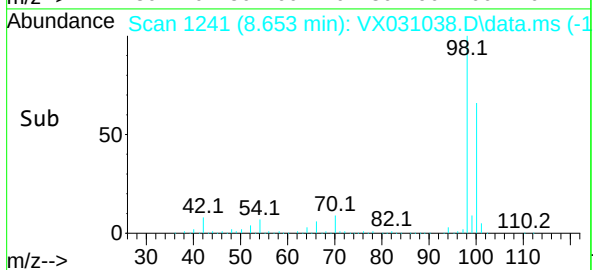
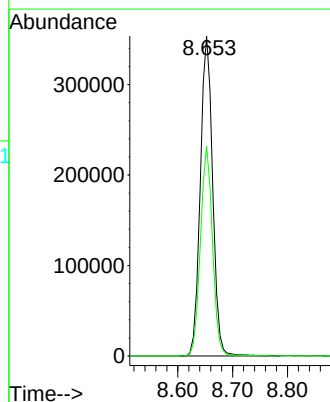
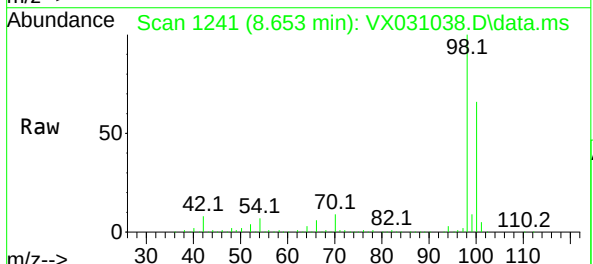
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20220821

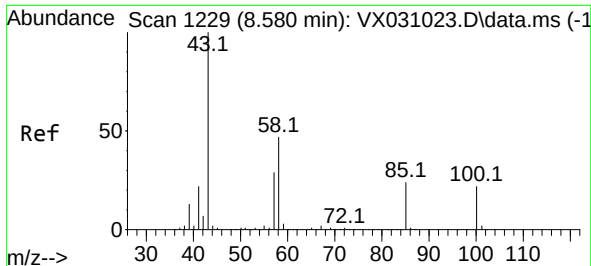
Tgt Ion:130 Resp: 2416
 Ion Ratio Lower Upper
 130 100
 95 96.3 0.0 194.8



#50
 Toluene-d8
 Concen: 57.594 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX031038.D
 Acq: 01 Sep 2022 22:29

Tgt Ion: 98 Resp: 552552
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.529 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031038.D

Acq: 01 Sep 2022 22:29

Instrument :

MSVOA_X

ClientSampleId :

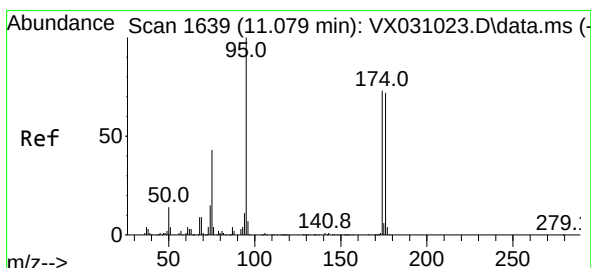
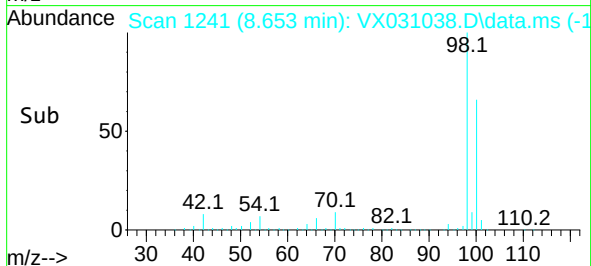
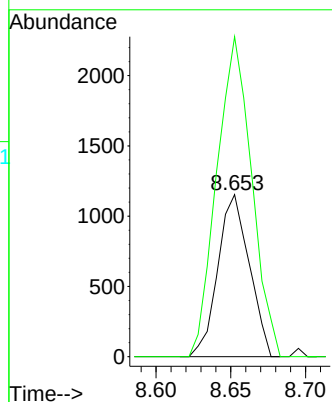
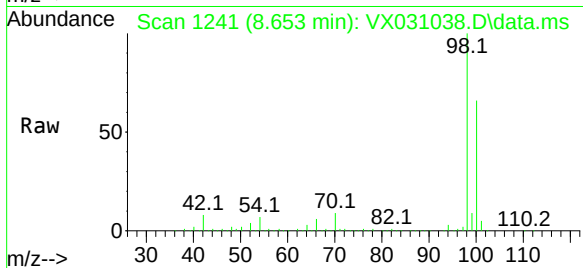
RW9-MW01D2-20220821

Tgt Ion: 43 Resp: 1685

Ion Ratio Lower Upper

43 100

58 219.1 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 54.707 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031038.D

Acq: 01 Sep 2022 22:29

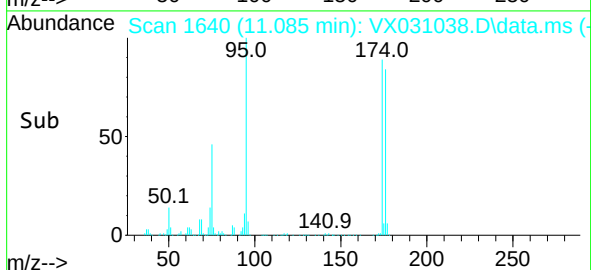
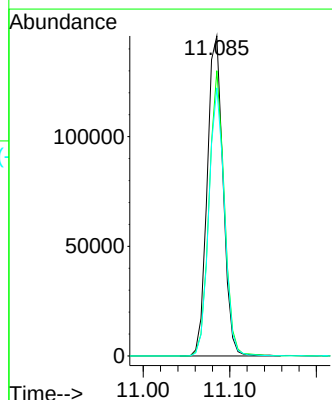
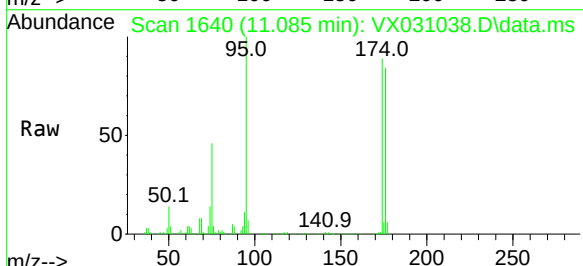
Tgt Ion: 95 Resp: 185377

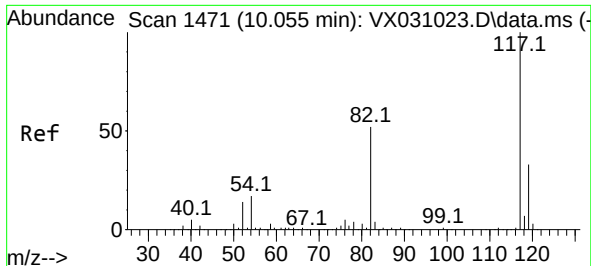
Ion Ratio Lower Upper

95 100

174 86.0 0.0 149.0

176 82.3 0.0 146.0

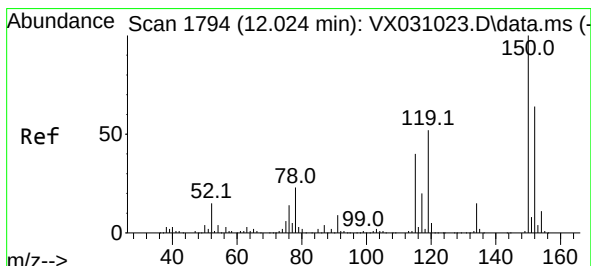
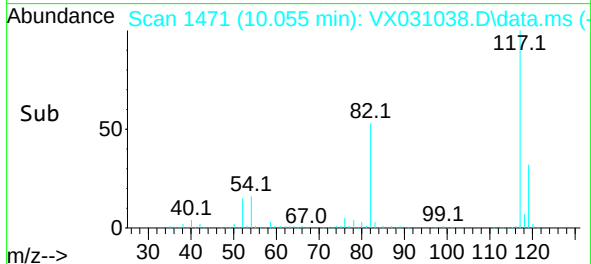
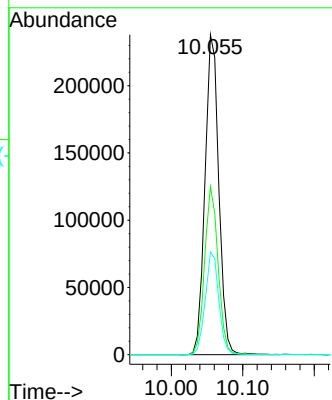
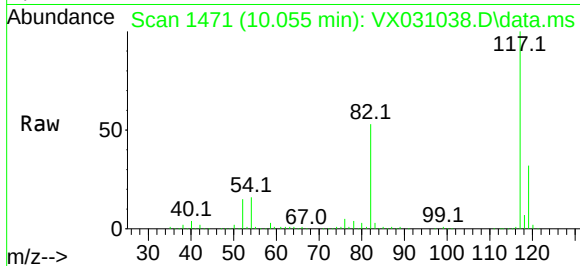




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

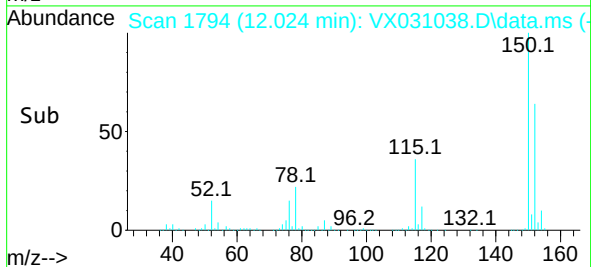
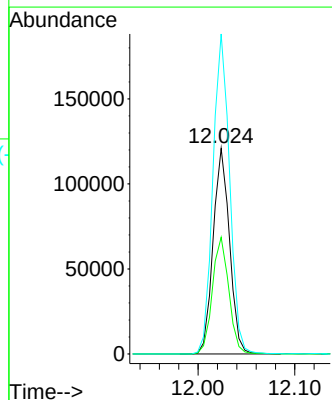
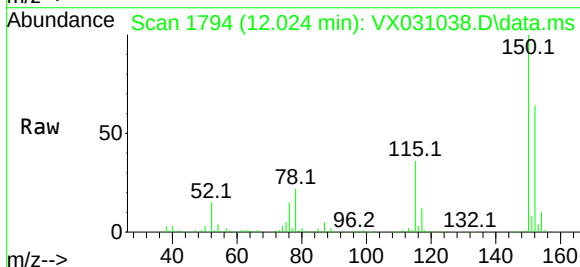
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

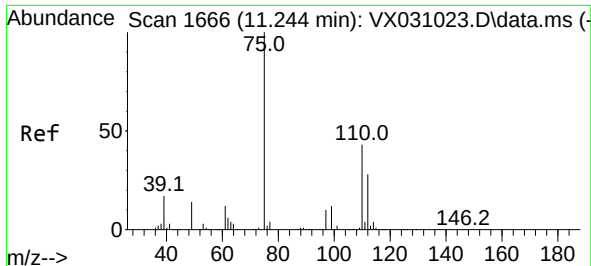
Tgt Ion:117 Resp: 319699
Ion Ratio Lower Upper
117 100
82 52.5 42.7 64.1
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Tgt Ion:152 Resp: 142382
Ion Ratio Lower Upper
152 100
115 57.0 40.5 121.5
150 158.5 0.0 347.0

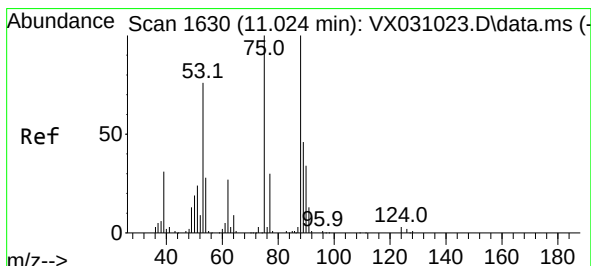
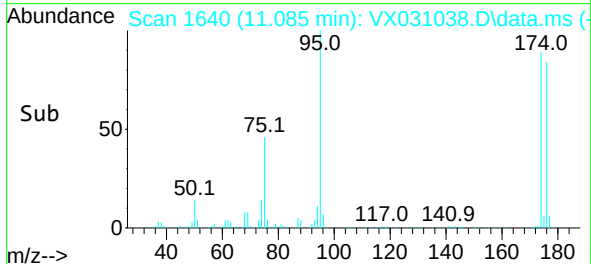
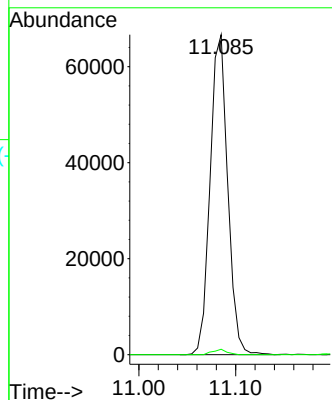
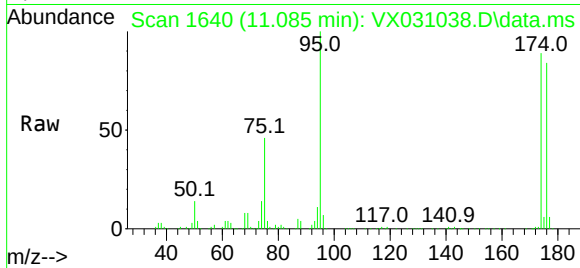




#76
1,2,3-Trichloropropane
Concen: 25.057 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20220821

Tgt Ion: 75 Resp: 84336
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.747 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX031038.D
Acq: 01 Sep 2022 22:29

Tgt Ion: 75 Resp: 84336
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

