

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031036.D
 Acq On : 01 Sep 2022 21:42
 Operator : JC/MD
 Sample : N4297-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D1-20220821

Quant Time: Sep 02 02:56:37 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)

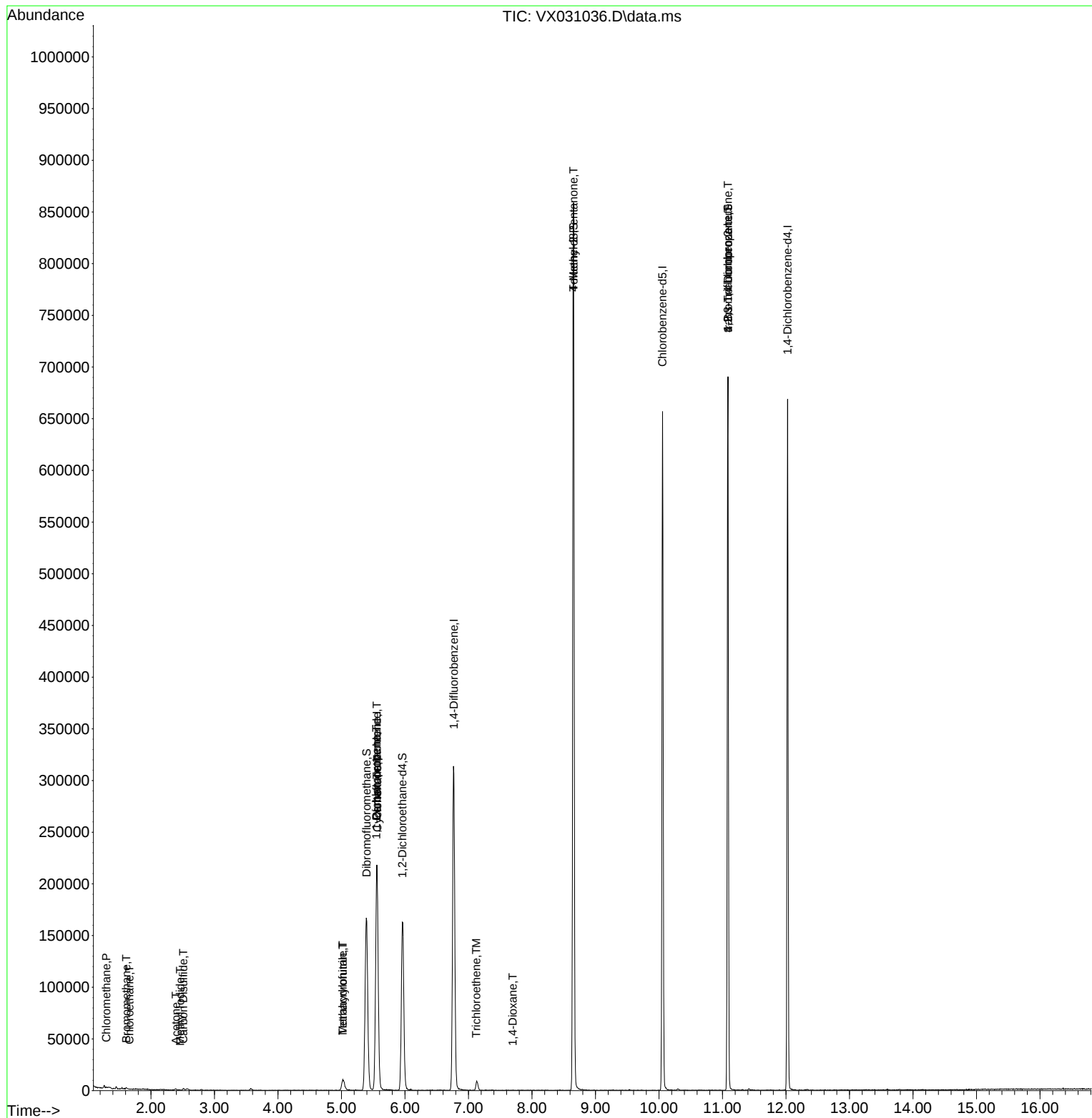
Internal Standards						
1) Pentafluorobenzene	5.556	168	221152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	356542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160902	56.545	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.100%		
35) Dibromofluoromethane	5.397	113	152750	58.707	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 117.420%		
50) Toluene-d8	8.653	98	552503	57.697	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 115.400%#		
62) 4-Bromofluorobenzene	11.085	95	190603	56.354	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.700%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	261	0.819	ug/l #	30
5) Bromomethane	1.612	94	336	0.316	ug/l #	59
6) Chloroethane	1.660	64	349	1.933	ug/l #	41
10) Methyl Iodide	2.459	142	290	3.015	ug/l #	45
11) Tert butyl alcohol	2.983	59	205	Below Cal	#	74
16) Acetone	2.392	43	1261	1.148	ug/l	93
17) Carbon Disulfide	2.508	76	2346	0.352	ug/l	99
20) Methylene Chloride	2.794	84	360	Below Cal	#	87
29) Tetrahydrofuran	5.019	42	9443	8.637	ug/l #	79
31) Cyclohexane	5.562	56	3542	0.911	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15019	4.121	ug/l #	45
38) Carbon Tetrachloride	5.556	117	20170	5.332	ug/l #	17
41) Methacrylonitrile	5.019	41	5827	3.452	ug/l #	43
44) Trichloroethene	7.123	130	3935	1.188	ug/l	83
49) 1,4-Dioxane	7.696	88	188	2.474	ug/l #	25
51) 4-Methyl-2-Pentanone	8.653	43	1713	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	85540	24.588	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	85540	77.273	ug/l #	12

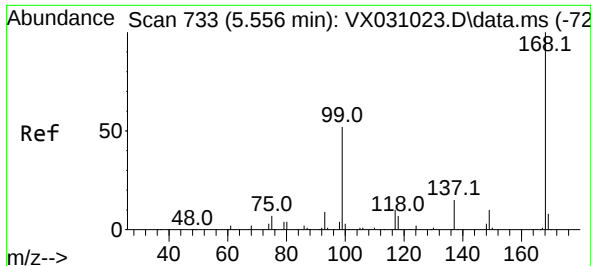
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

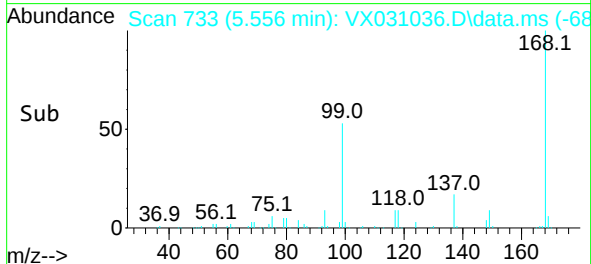
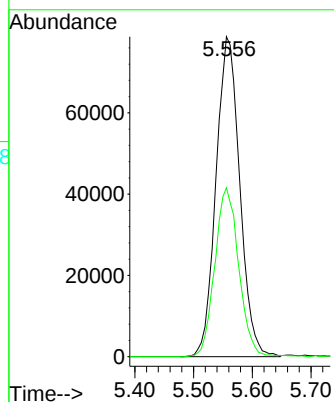
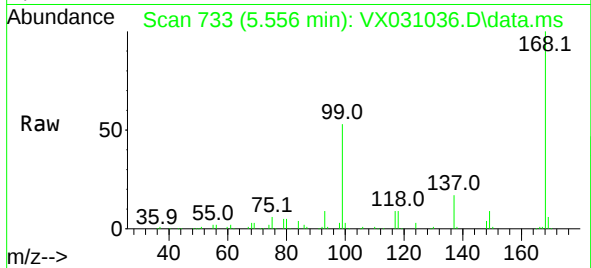




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

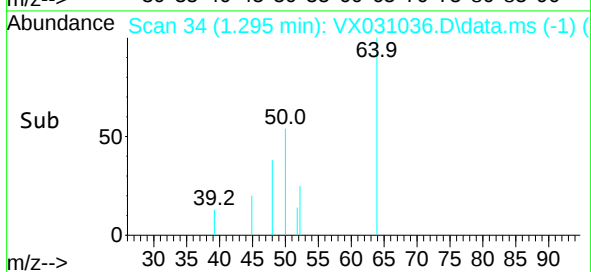
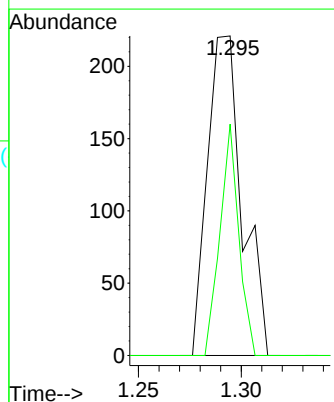
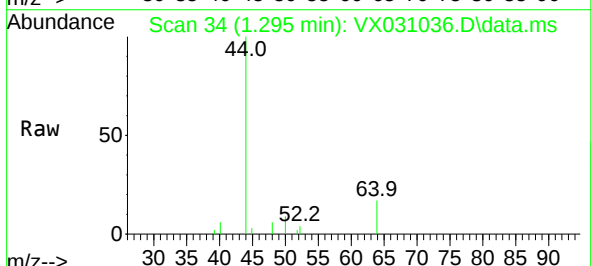
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

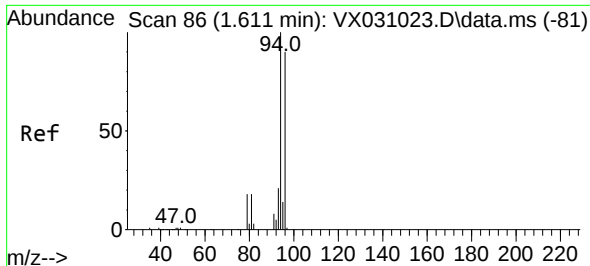
Tgt Ion:168 Resp: 221152
Ion Ratio Lower Upper
168 100
99 52.8 44.0 66.0



#3
Chloromethane
Concen: 0.819 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 72.4 26.3 39.5

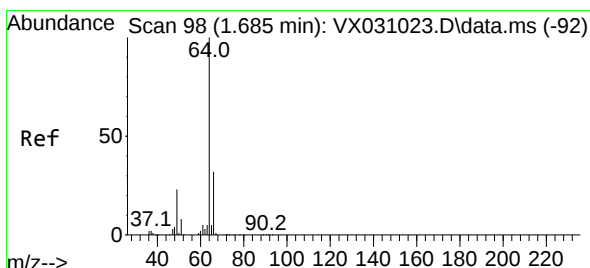
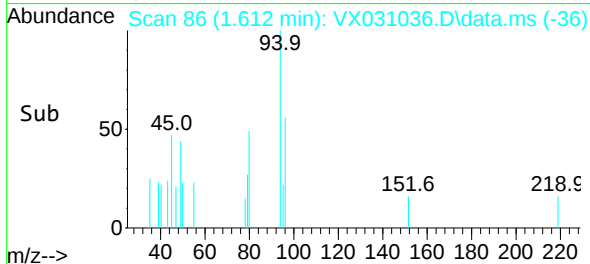
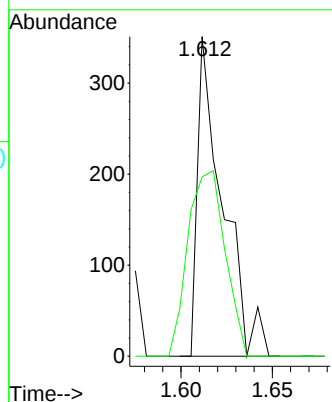
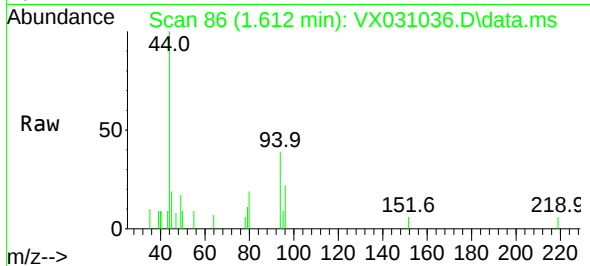




#5
Bromomethane
Concen: 0.316 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.007 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

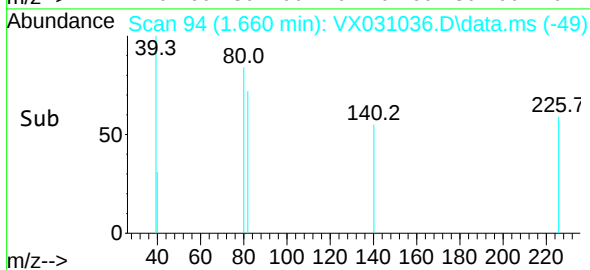
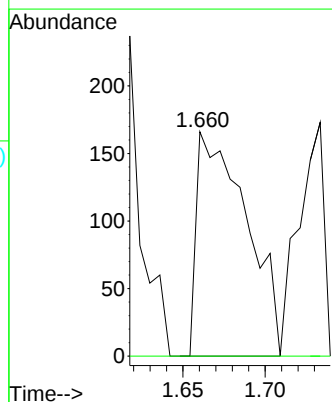
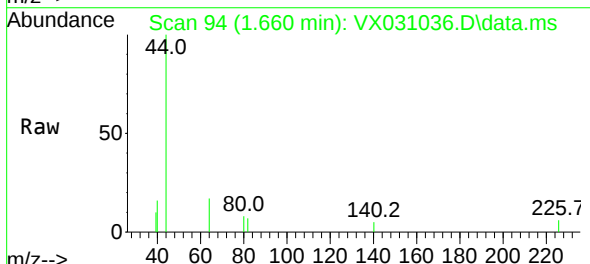
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

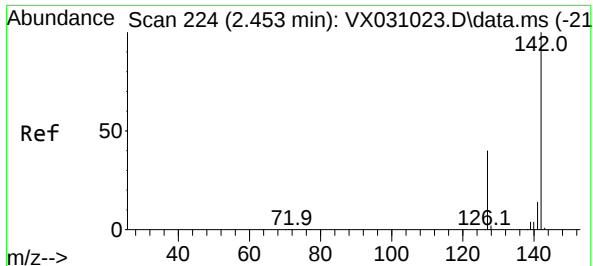
Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 56.1 76.9 115.3#



#6
Chloroethane
Concen: 1.933 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

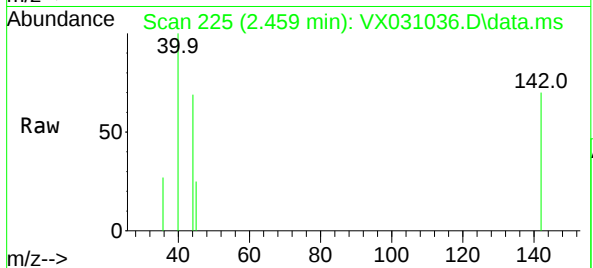
Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



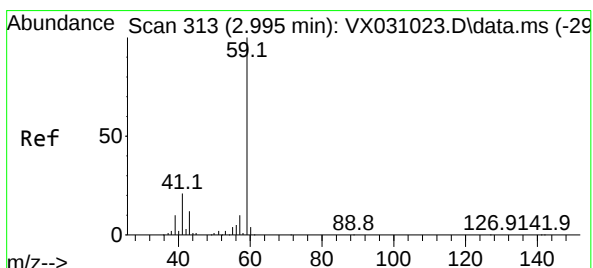
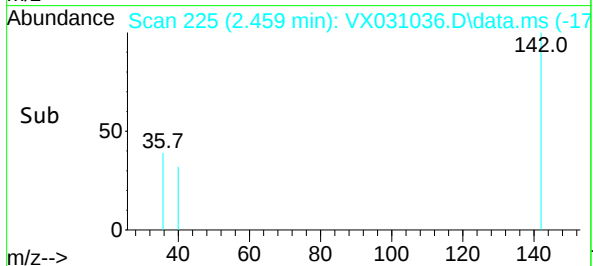
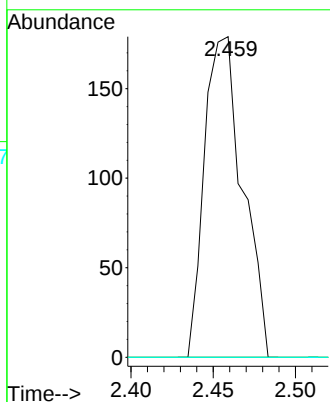


#10
Methyl Iodide
Concen: 3.015 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

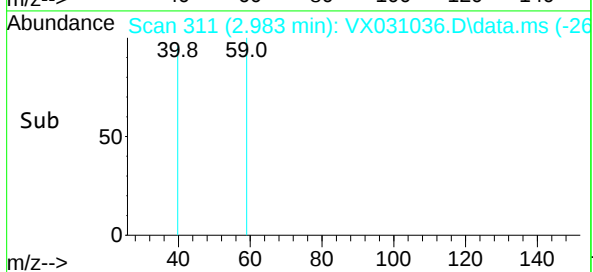
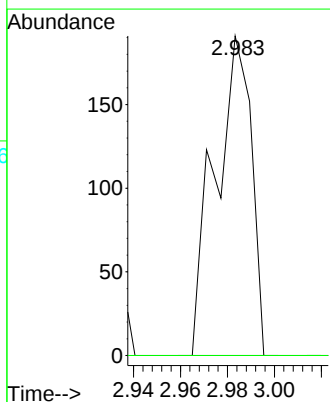
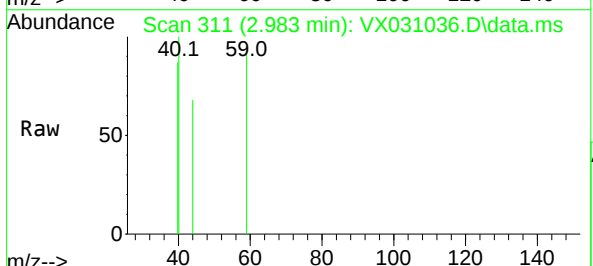


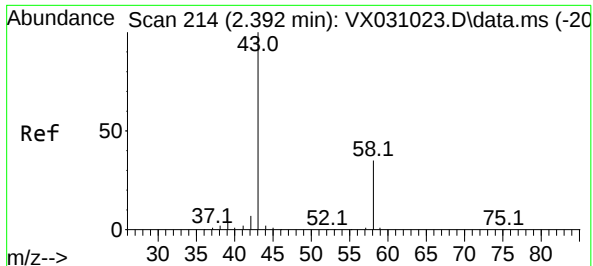
Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

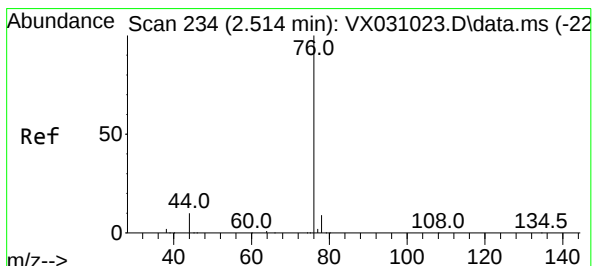
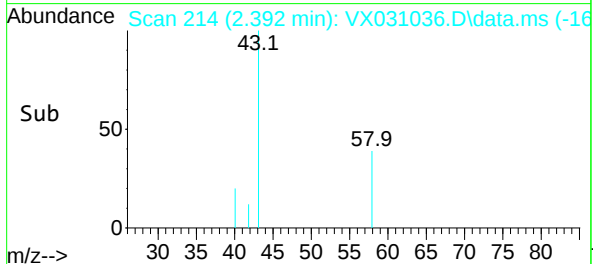
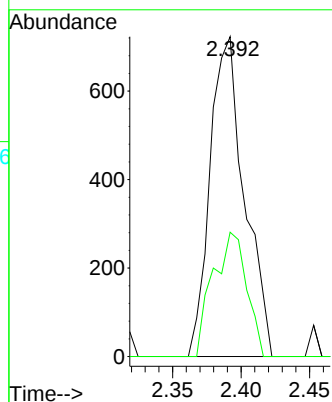
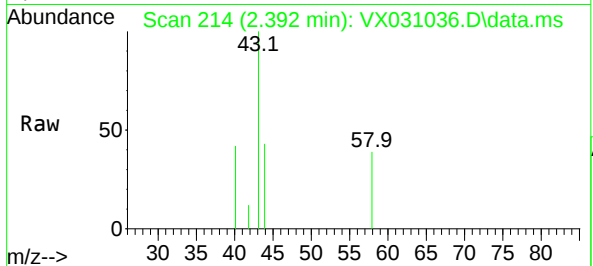




#16
Acetone
Concen: 1.148 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

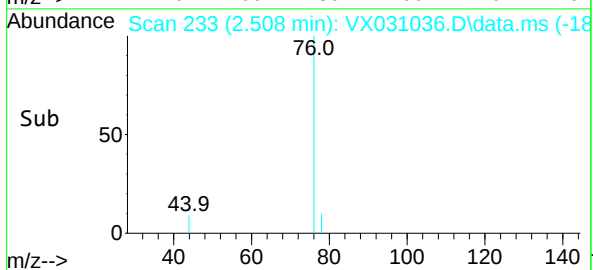
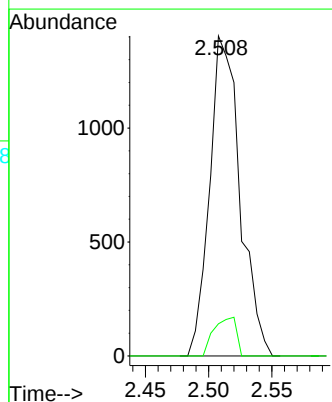
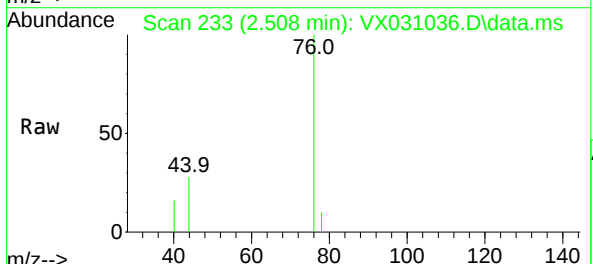
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

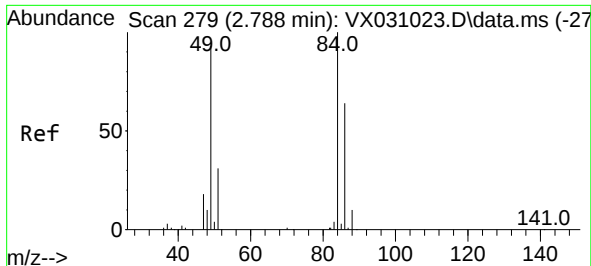
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 38.9 27.7 41.5



#17
Carbon Disulfide
Concen: 0.352 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion: 76 Resp: 2346
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.6

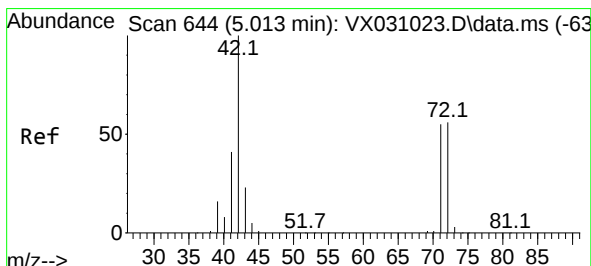
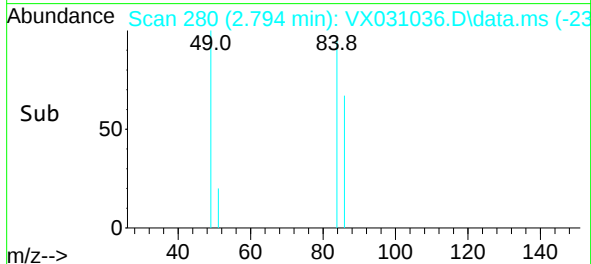
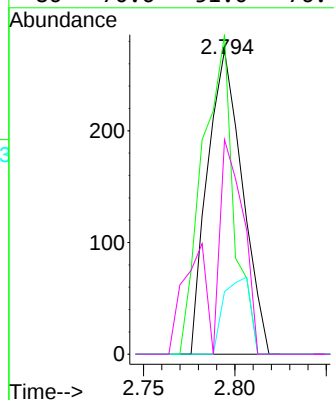
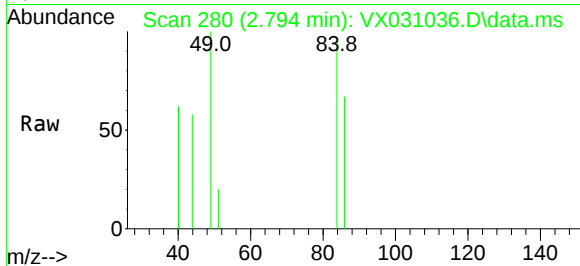




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

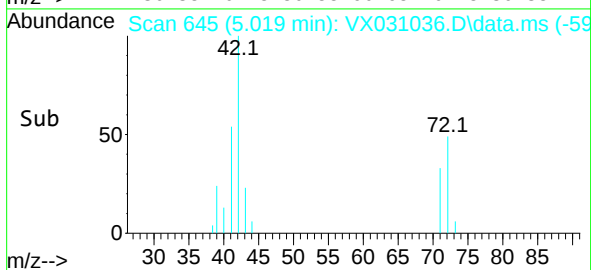
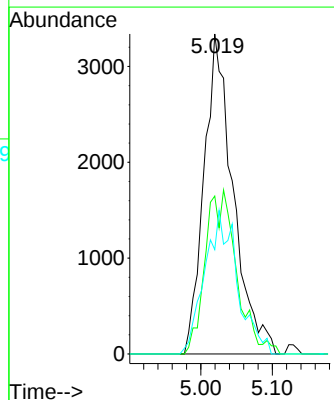
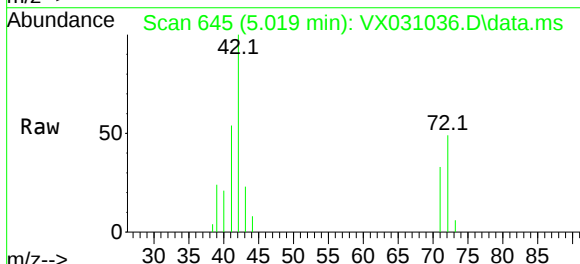
Instrument :
MSVOA_X
ClientSampleId :
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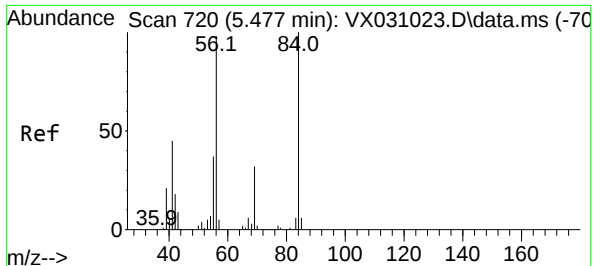
Tgt Ion:	84	Resp:	360
Ion	Ratio	Lower	Upper
84	100		
49	105.1	93.8	140.6
51	20.6	29.4	44.0#
86	70.6	51.0	76.4



#29
Tetrahydrofuran
Concen: 8.637 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.006 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

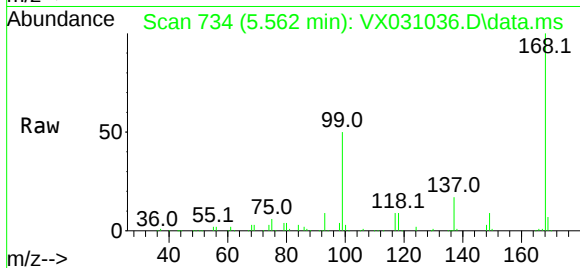
Tgt Ion:	42	Resp:	9443
Ion	Ratio	Lower	Upper
42	100		
72	26.8	36.5	54.7#
71	49.9	33.9	50.9



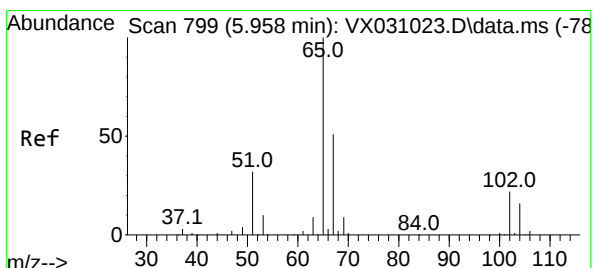
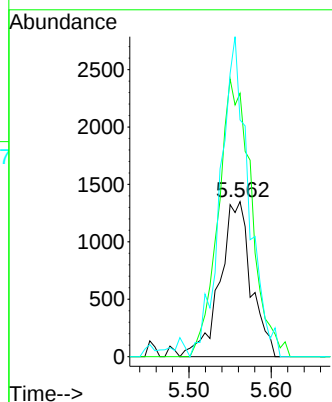
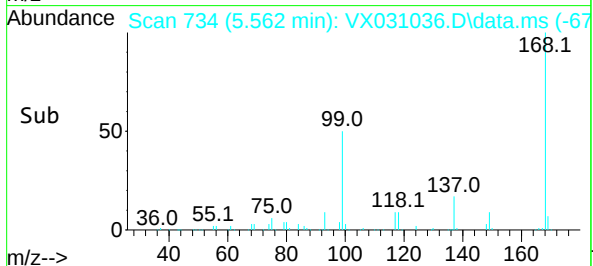


#31
Cyclohexane
Concen: 0.911 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

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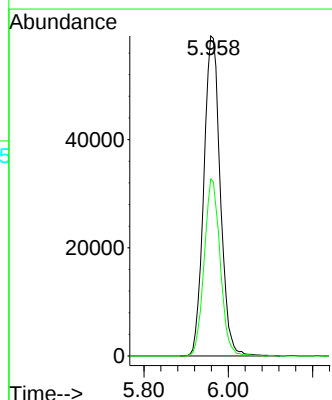
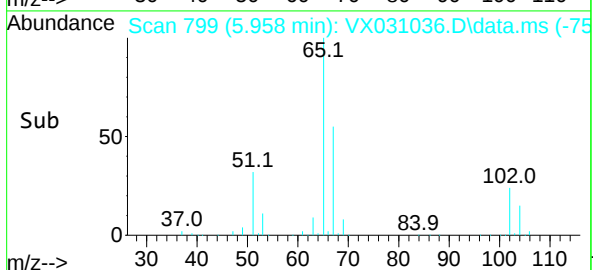
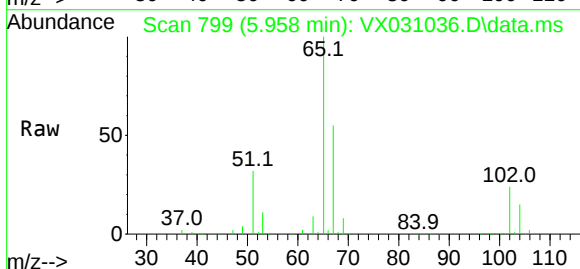


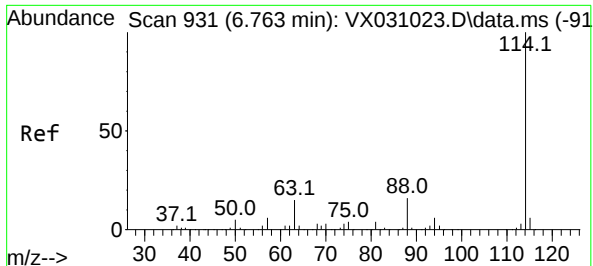
Tgt Ion: 56 Resp: 3542
Ion Ratio Lower Upper
56 100
69 169.9 25.4 38.0#
84 152.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 56.545 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion: 65 Resp: 160902
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX031036.D

Acq: 01 Sep 2022 21:42

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D1-20220821

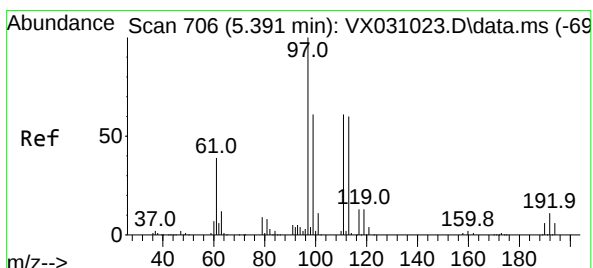
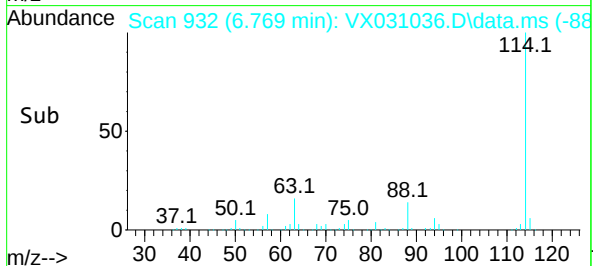
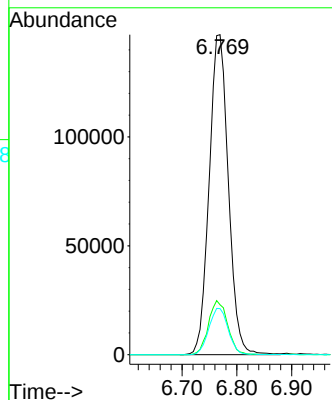
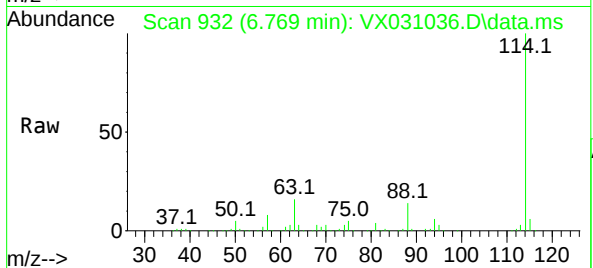
Tgt Ion:114 Resp: 356542

Ion Ratio Lower Upper

114 100

63 15.6 0.0 38.4

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.707 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX031036.D

Acq: 01 Sep 2022 21:42

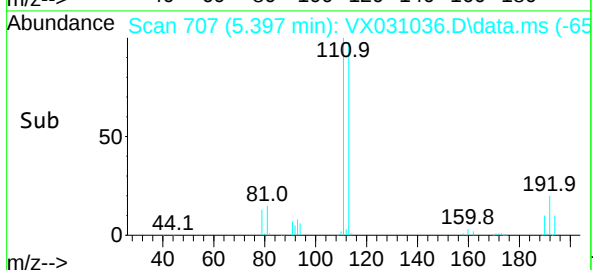
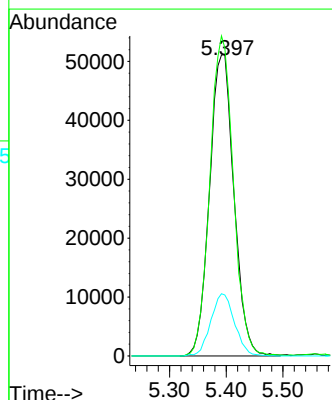
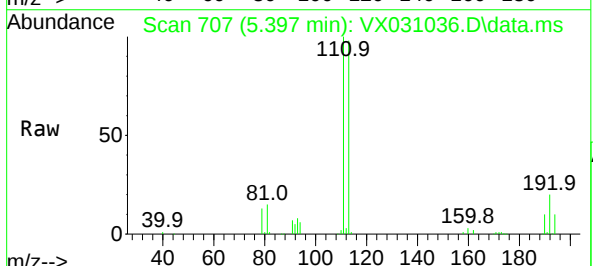
Tgt Ion:113 Resp: 152750

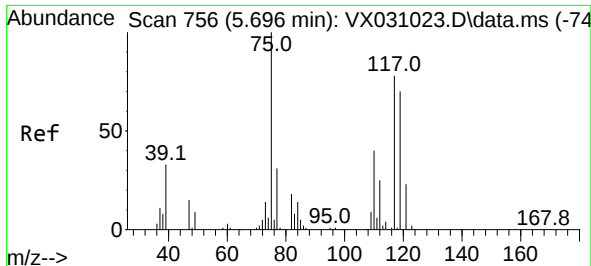
Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

192 20.1 14.8 22.2

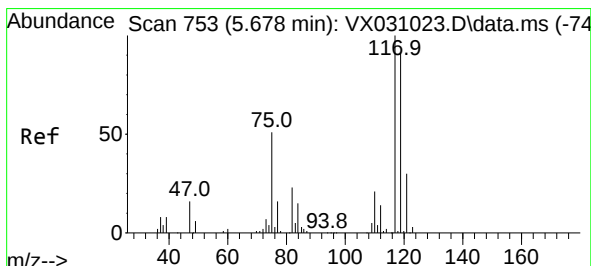
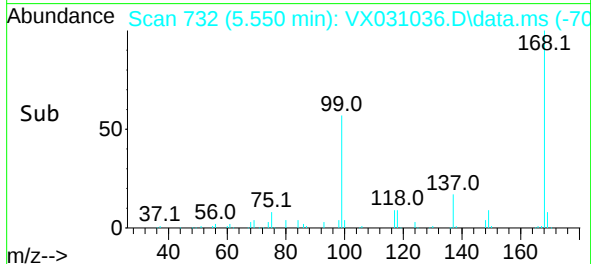
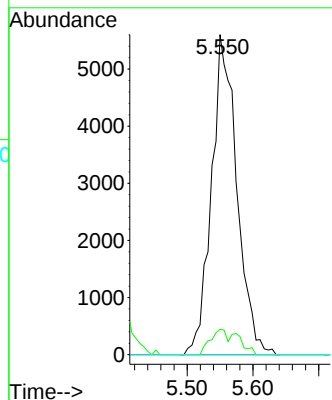
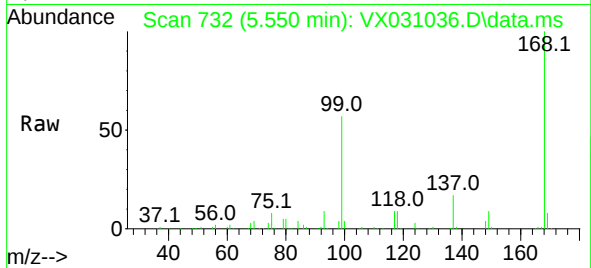




#36
1,1-Dichloropropene
Concen: 4.121 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

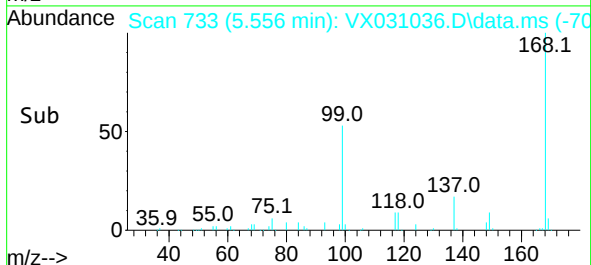
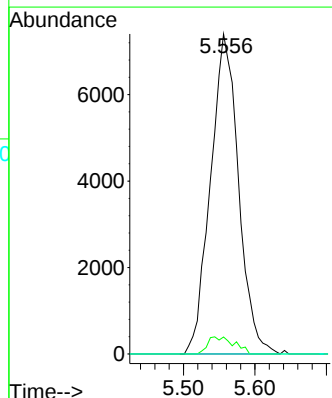
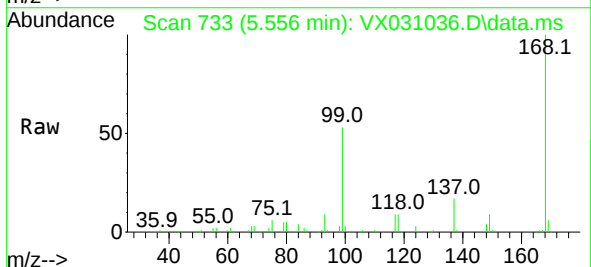
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

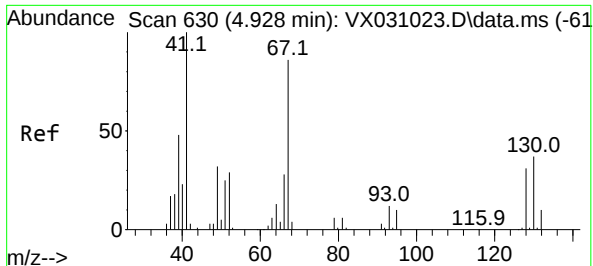
Tgt Ion: 75 Resp: 15019
Ion Ratio Lower Upper
75 100
110 5.2 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.332 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion: 117 Resp: 20170
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#

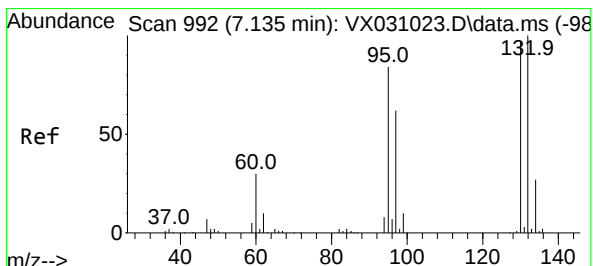
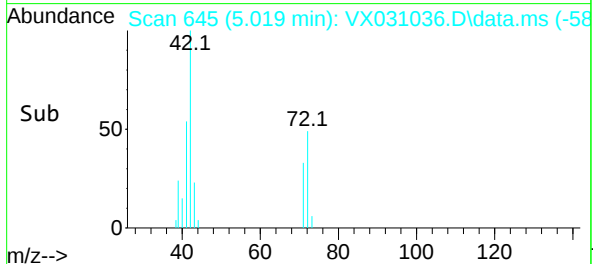
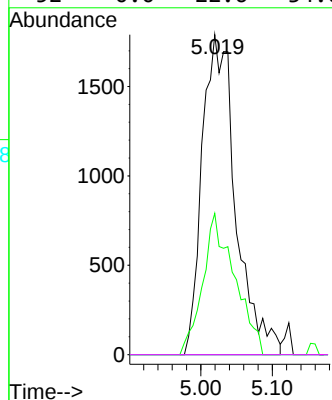
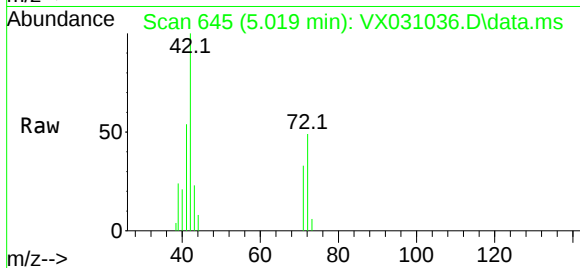




#41
Methacrylonitrile
Concen: 3.452 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

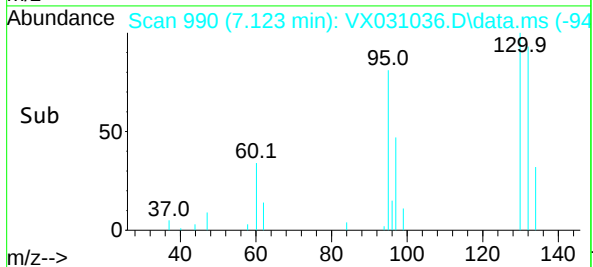
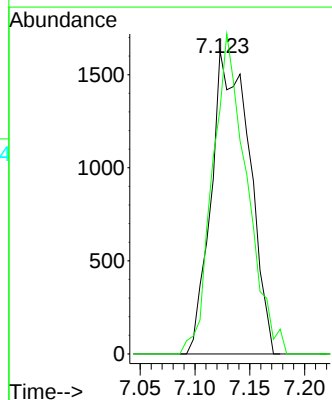
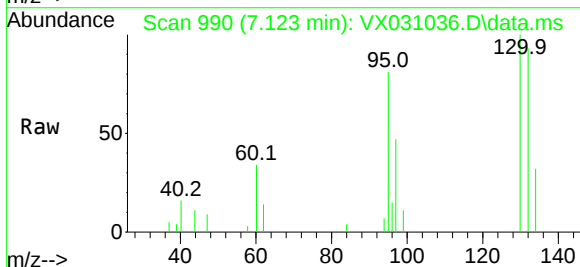
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

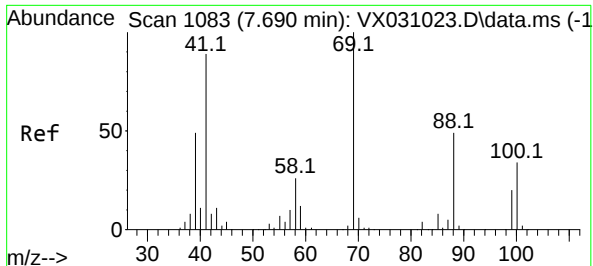
Tgt Ion:	41	Resp:	5827
Ion	Ratio	Lower	Upper
41	100		
39	42.0	42.9	64.3#
67	0.0	60.1	90.1#
52	0.0	22.6	34.0#



#44
Trichloroethene
Concen: 1.188 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion:	130	Resp:	3935
Ion	Ratio	Lower	Upper
130	100		
95	80.7	0.0	194.8





#49

1,4-Dioxane

Concen: 2.474 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.019 min

Lab File: VX031036.D

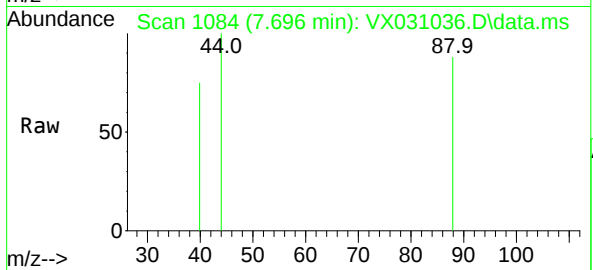
Acq: 01 Sep 2022 21:42

Instrument :

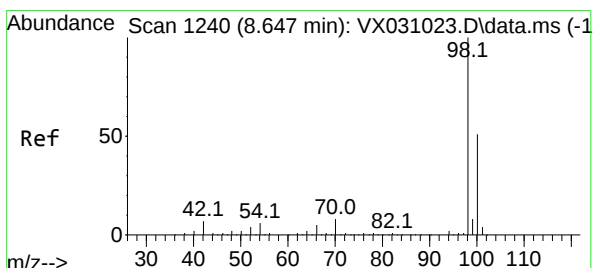
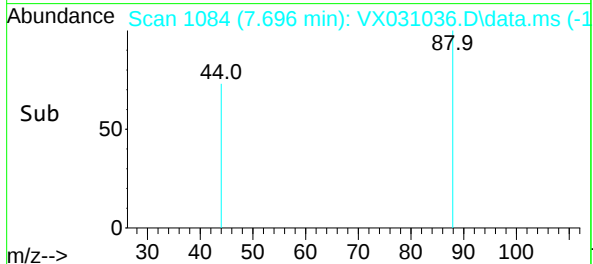
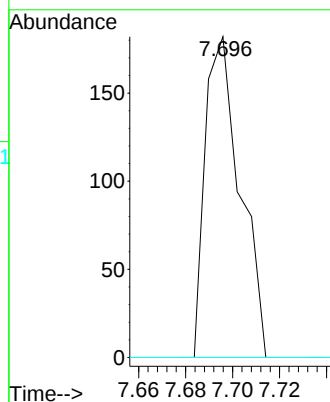
MSVOA_X

ClientSampleId :

RW9-MW01D1-20220821



Tgt Ion:	88	Resp:	188
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 57.697 ug/l

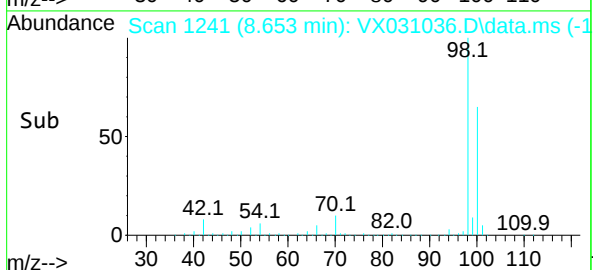
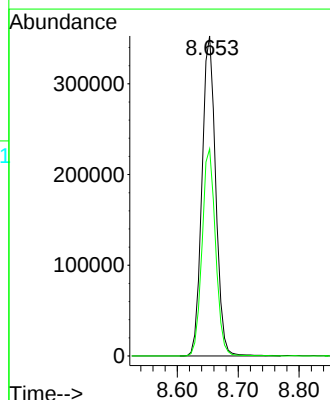
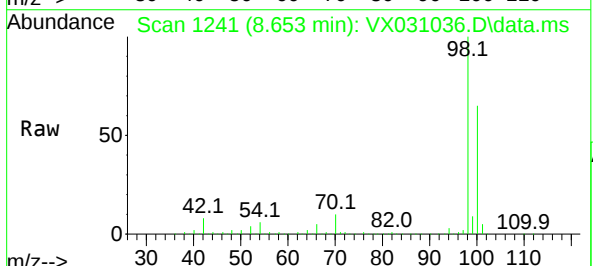
RT: 8.653 min Scan# 1241

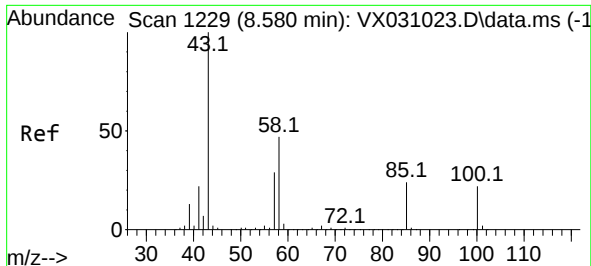
Delta R.T. -0.000 min

Lab File: VX031036.D

Acq: 01 Sep 2022 21:42

Tgt Ion:	98	Resp:	552503
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 0.538 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031036.D

Acq: 01 Sep 2022 21:42

Instrument :

MSVOA_X

ClientSampleId :

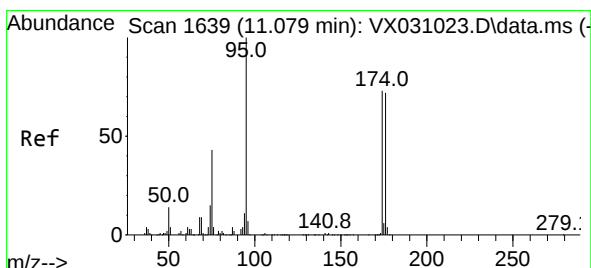
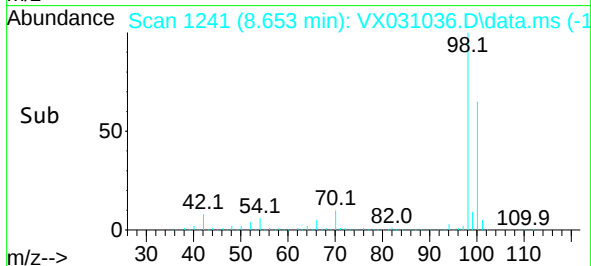
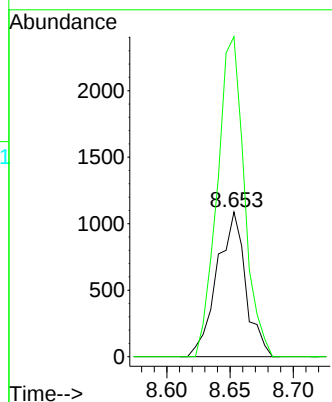
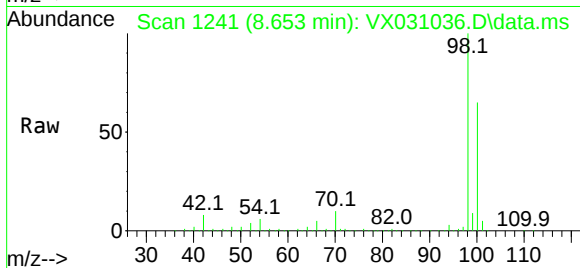
RW9-MW01D1-20220821

Tgt Ion: 43 Resp: 1713

Ion Ratio Lower Upper

43 100

58 208.6 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 56.354 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031036.D

Acq: 01 Sep 2022 21:42

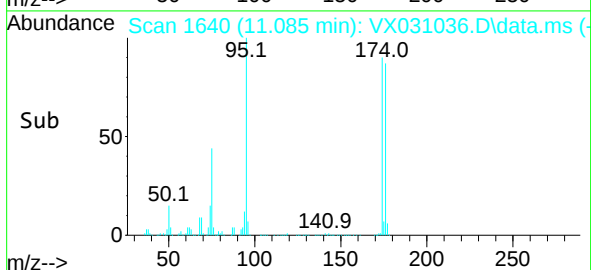
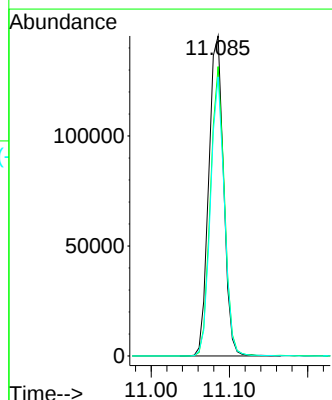
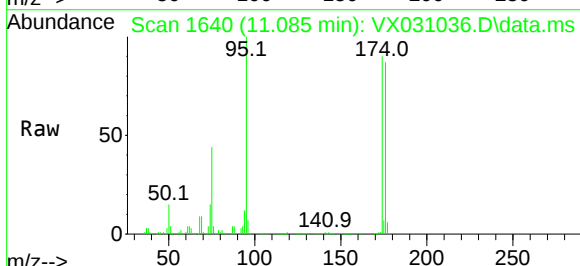
Tgt Ion: 95 Resp: 190603

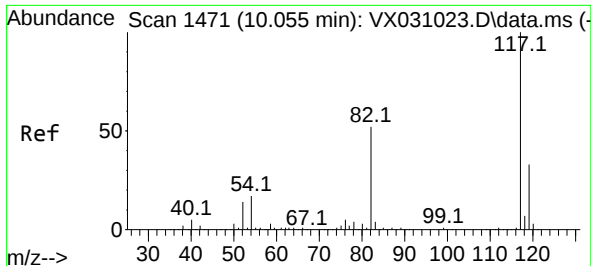
Ion Ratio Lower Upper

95 100

174 85.7 0.0 149.0

176 82.0 0.0 146.0

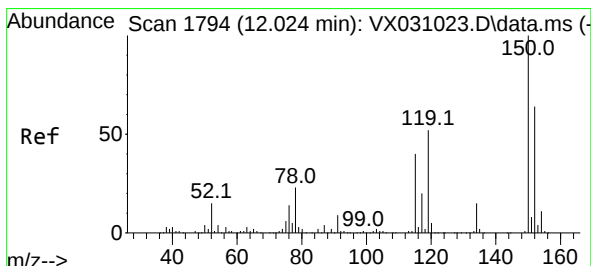
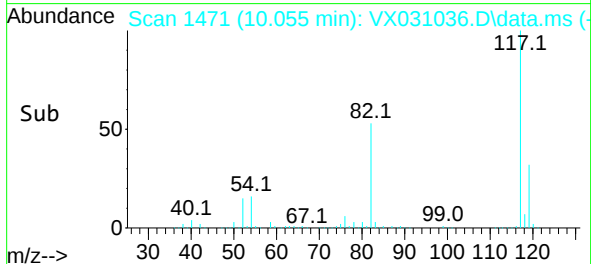
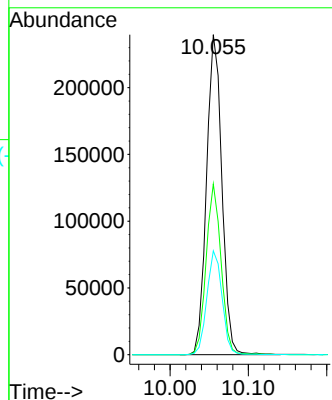
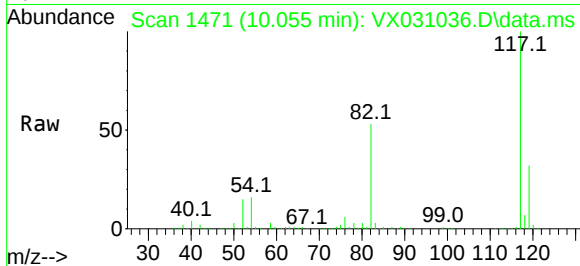




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

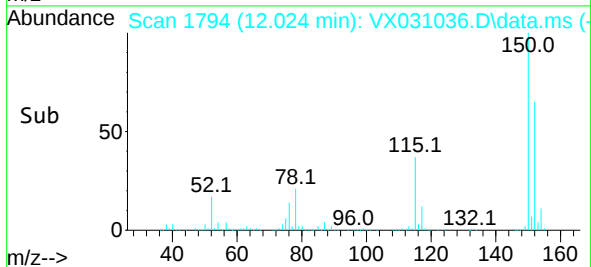
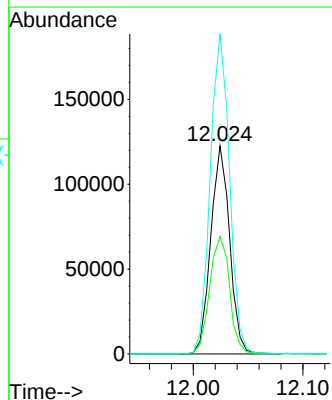
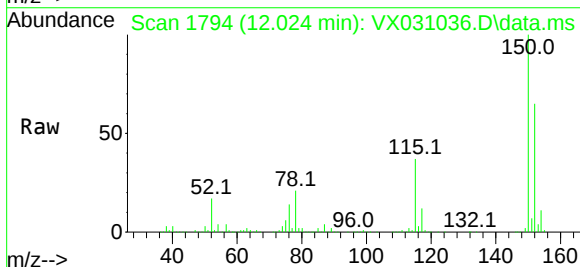
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

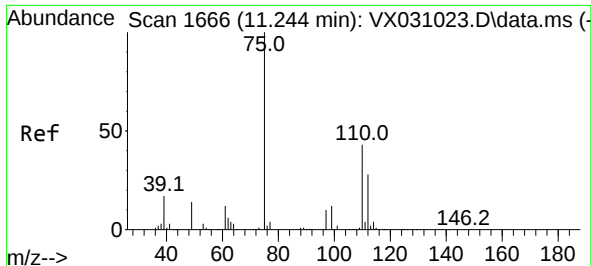
Tgt Ion:117 Resp: 324770
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion:152 Resp: 147170
Ion Ratio Lower Upper
152 100
115 59.5 40.5 121.5
150 156.6 0.0 347.0

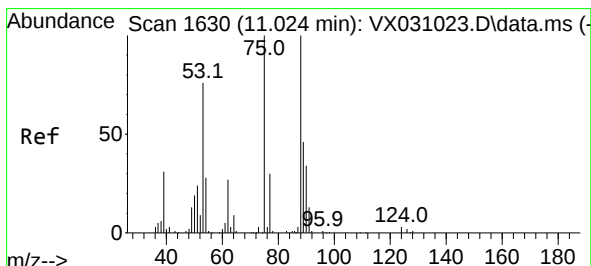
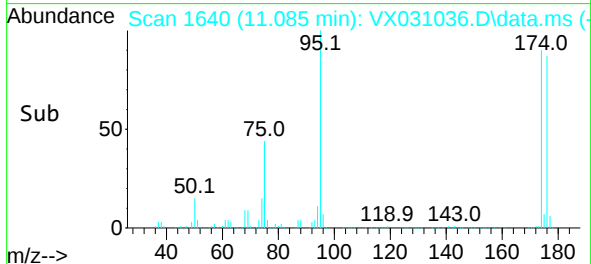
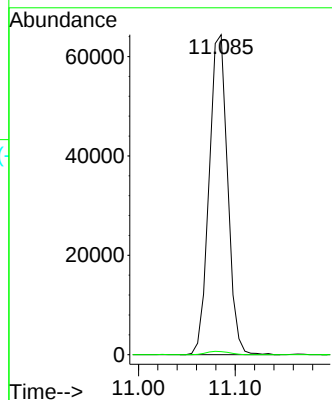
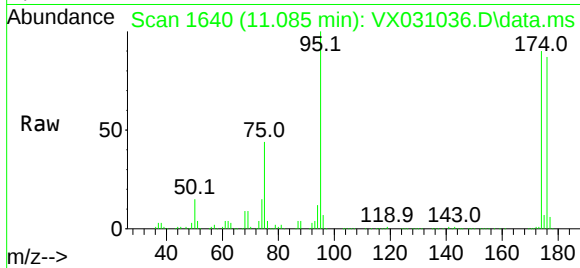




#76
1,2,3-Trichloropropane
Concen: 24.588 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D1-20220821

Tgt Ion: 75 Resp: 85540
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.273 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX031036.D
Acq: 01 Sep 2022 21:42

Tgt Ion: 75 Resp: 85540
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

