

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029956.D
 Acq On : 07 Jul 2022 15:40
 Operator : JC/MD
 Sample : N3617-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Jul 08 05:34:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

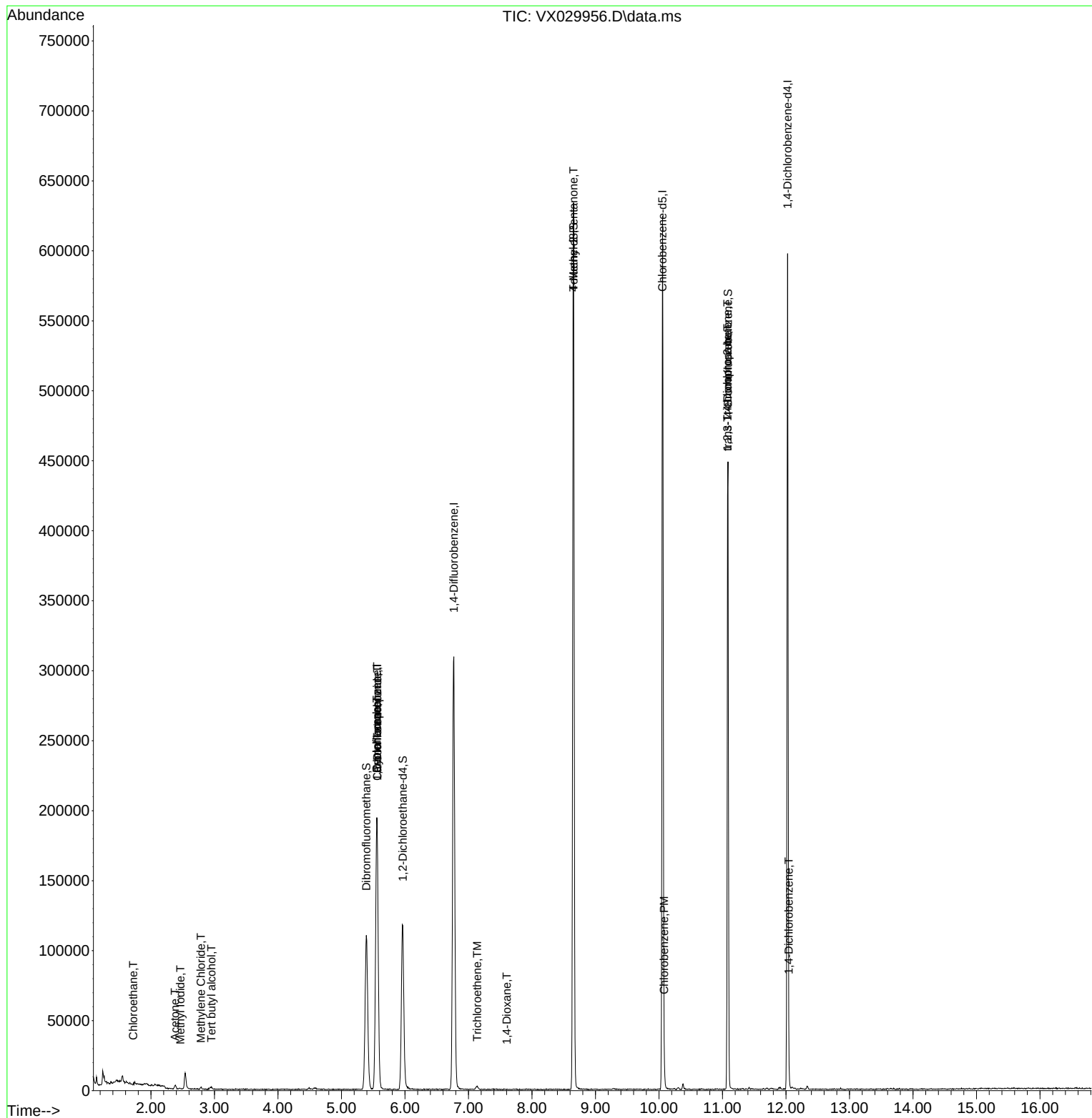
Internal Standards						
1) Pentafluorobenzene	5.556	168	197394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106358	42.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.140%
35) Dibromofluoromethane	5.391	113	98087	47.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.653	98	383445	49.074	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.086	95	123844	44.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.680%
Target Compounds						
					Qvalue	
6) Chloroethane	1.721	64	344	1.244	ug/l #	48
10) Methyl Iodide	2.465	142	676	2.113	ug/l #	88
11) Tert butyl alcohol	2.953	59	472	0.722	ug/l #	74
13) Acrolein	2.130	56	46	Below Cal	#	64
16) Acetone	2.380	43	2978	2.436	ug/l	93
20) Methylene Chloride	2.788	84	671	0.260	ug/l #	77
31) Cyclohexane	5.556	56	4265	1.224	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	14919	5.386	ug/l #	48
38) Carbon Tetrachloride	5.562	117	17442	7.266	ug/l #	20
44) Trichloroethene	7.135	130	1195	0.495	ug/l	65
49) 1,4-Dioxane	7.604	88	45	0.703	ug/l #	1
51) 4-Methyl-2-Pentanone	8.653	43	1607	0.427	ug/l #	1
65) Chlorobenzene	10.080	112	5698	0.980	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	58568	19.826	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58568	62.962	ug/l #	13
88) 1,4-Dichlorobenzene	12.043	146	3214	0.764	ug/l #	58

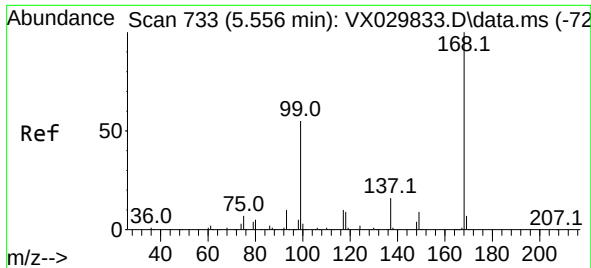
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

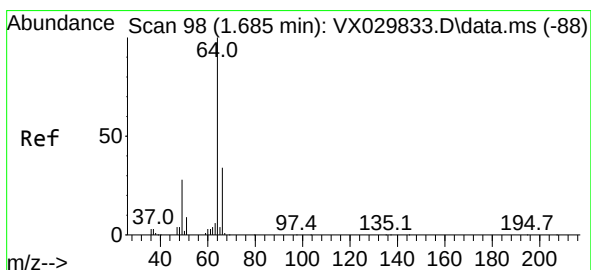
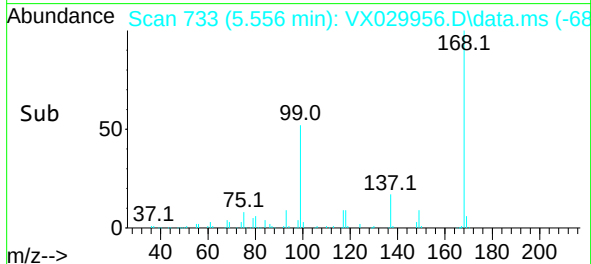
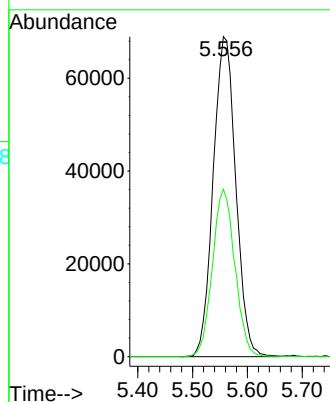
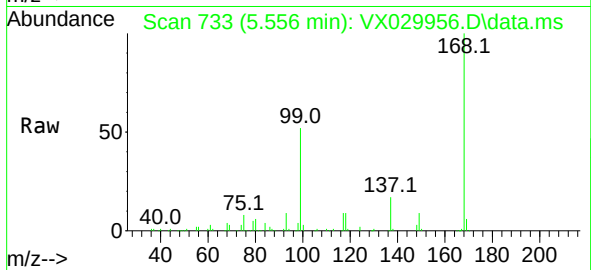




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

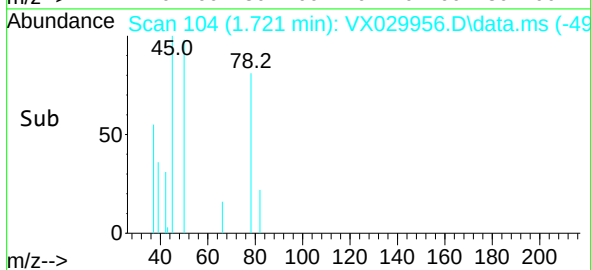
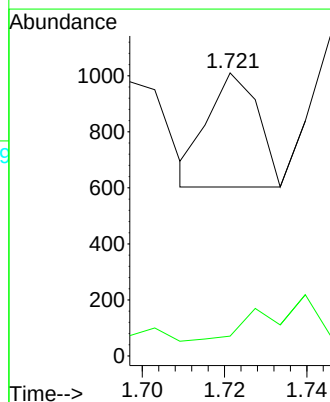
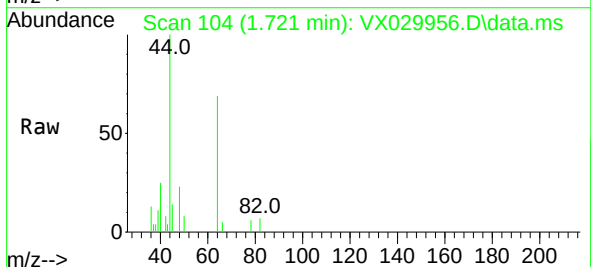
Instrument :
MSVOA_X
ClientSampleId :
MW-01

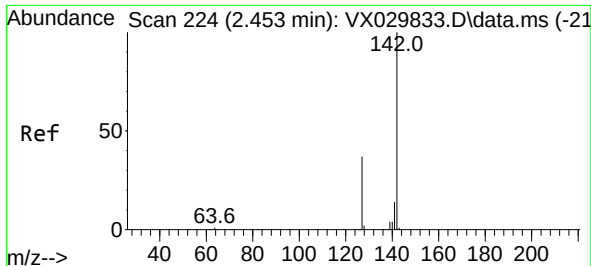
Tgt Ion:168 Resp: 197394
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#6
Chloroethane
Concen: 1.244 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Tgt Ion: 64 Resp: 344
Ion Ratio Lower Upper
64 100
66 4.4 27.2 40.8#

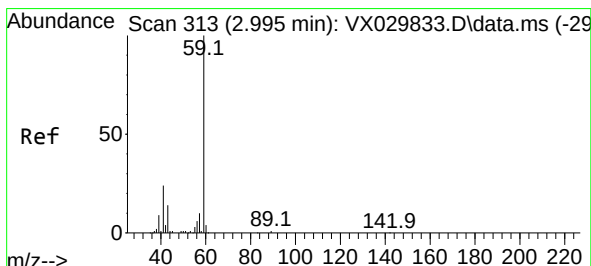
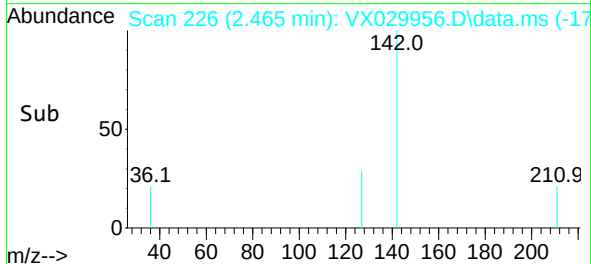
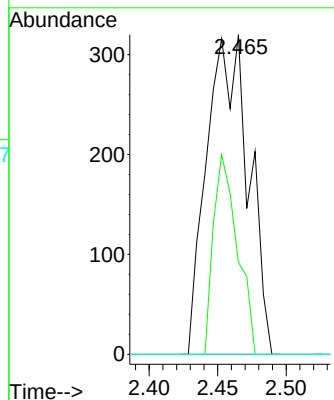
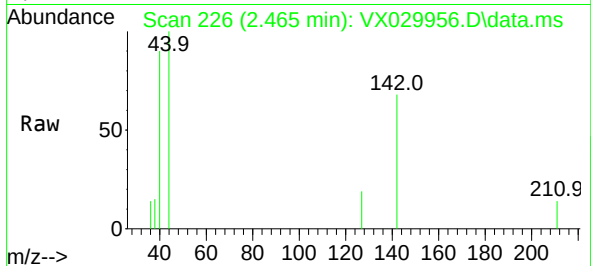




#10
Methyl Iodide
Concen: 2.113 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

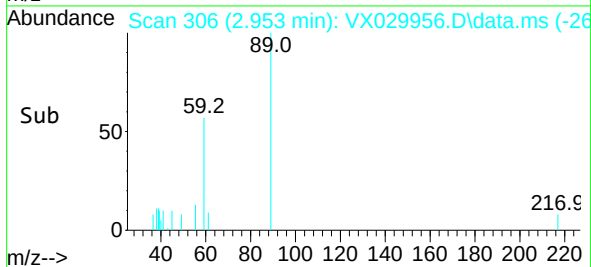
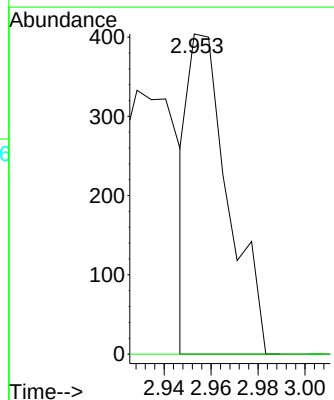
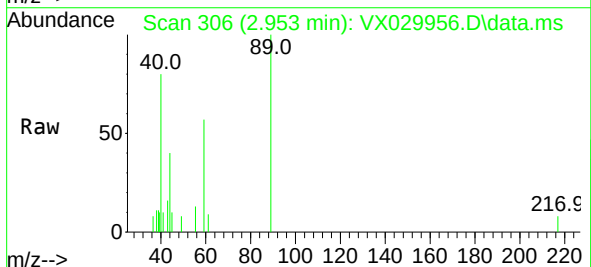
Instrument :
MSVOA_X
ClientSampleId :
MW-01

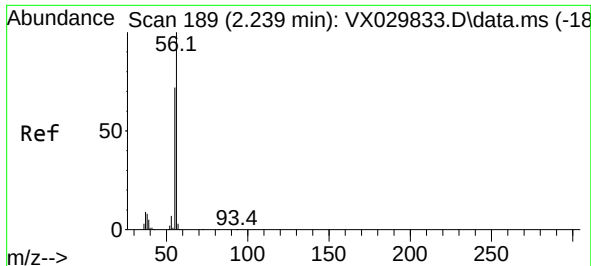
Tgt Ion:142 Resp: 676
Ion Ratio Lower Upper
142 100
127 35.8 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.722 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.042 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Tgt Ion: 59 Resp: 472
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: Below Cal

RT: 2.130 min Scan# 11

Delta R.T. -0.109 min

Lab File: VX029956.D

Acq: 07 Jul 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

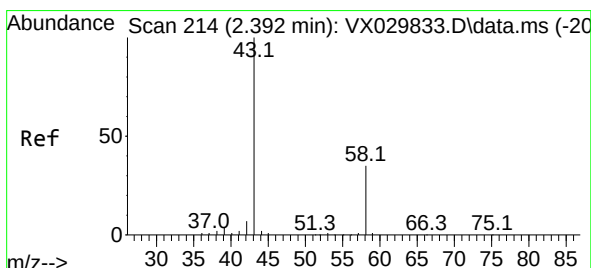
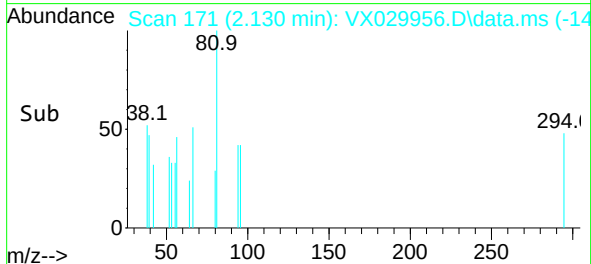
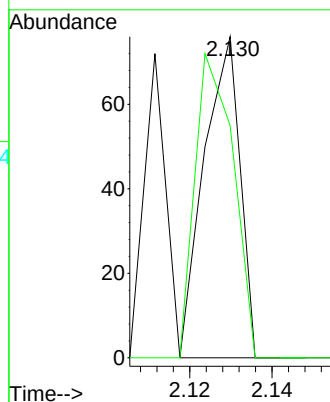
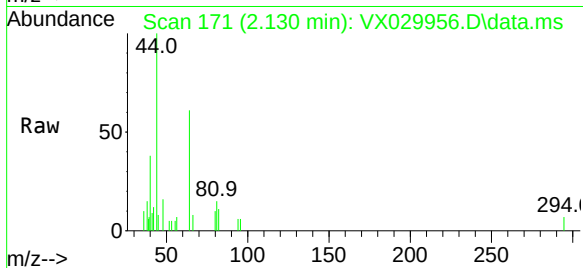
MW-01

Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 100.0 56.6 84.8#



#16

Acetone

Concen: 2.436 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX029956.D

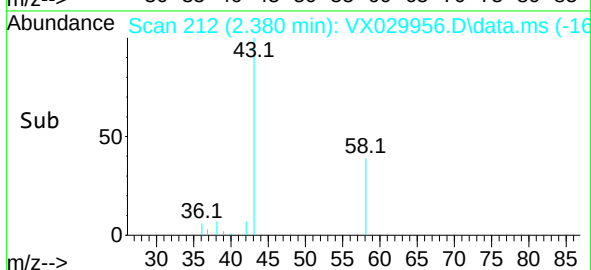
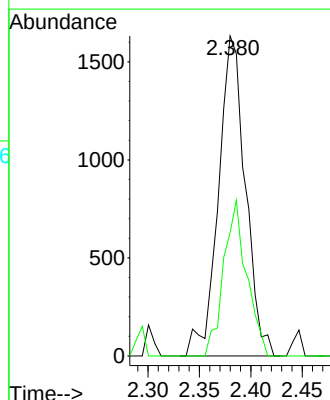
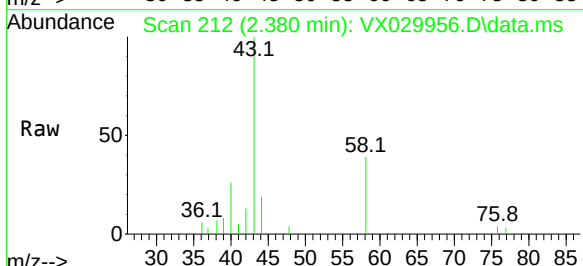
Acq: 07 Jul 2022 15:40

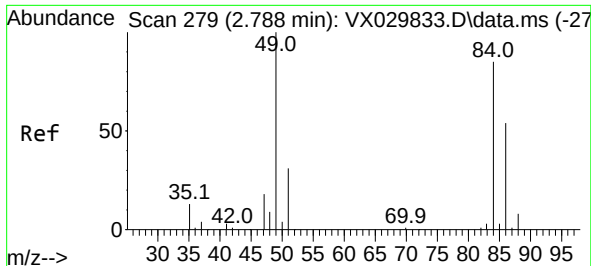
Tgt Ion: 43 Resp: 2978

Ion Ratio Lower Upper

43 100

58 38.5 27.7 41.5



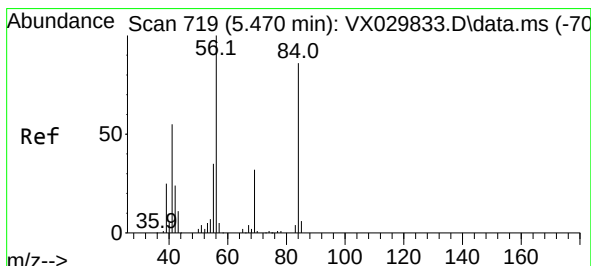
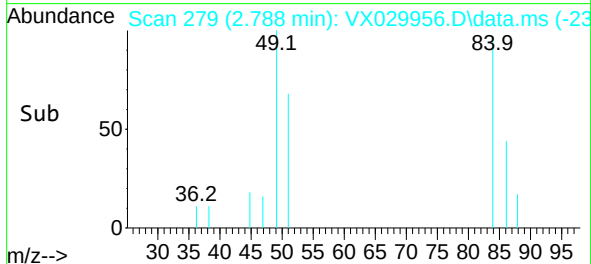
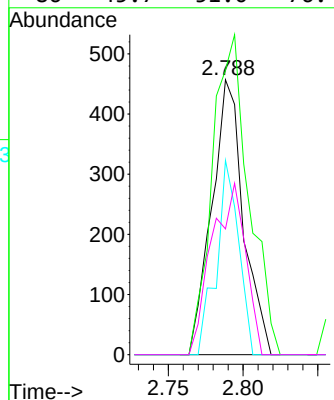
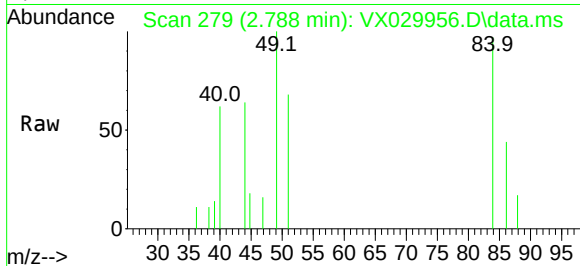


#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 84 Resp: 671

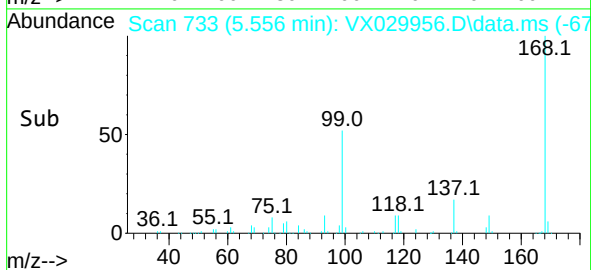
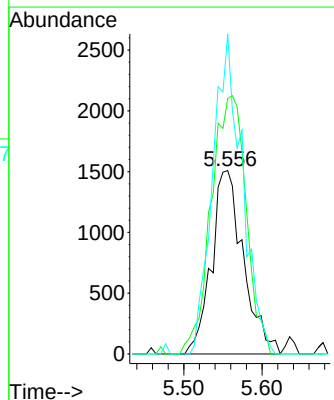
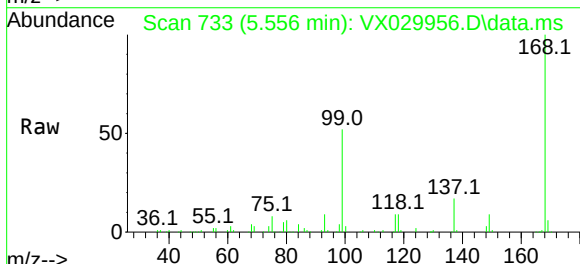
Ion	Ratio	Lower	Upper
84	100		
49	103.5	93.8	140.6
51	70.7	29.4	44.0#
86	45.7	51.0	76.4#

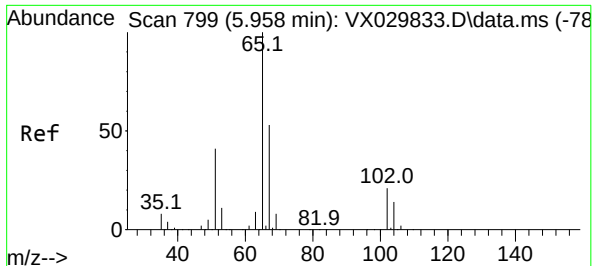


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Tgt Ion: 56 Resp: 4265

Ion	Ratio	Lower	Upper
56	100		
69	139.3	25.4	38.0#
84	174.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 42.566 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029956.D

Acq: 07 Jul 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

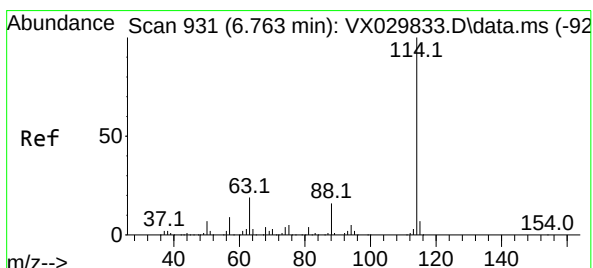
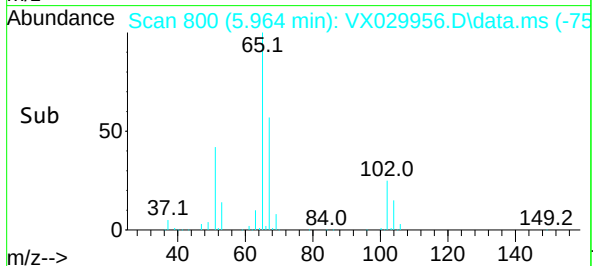
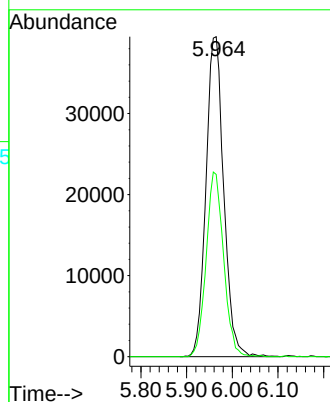
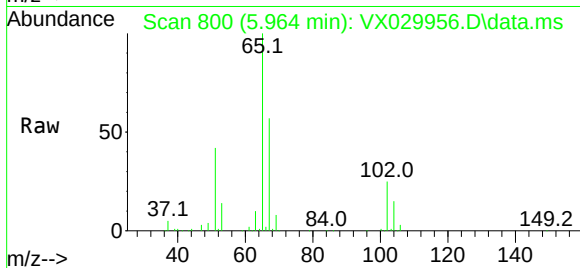
MW-01

Tgt Ion: 65 Resp: 106358

Ion Ratio Lower Upper

65 100

67 56.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029956.D

Acq: 07 Jul 2022 15:40

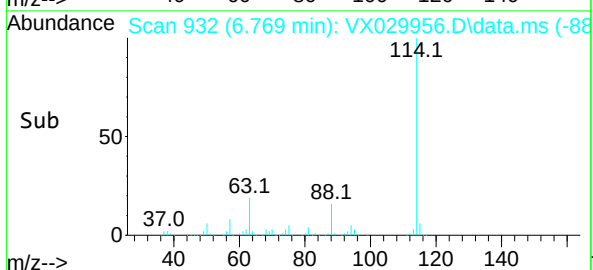
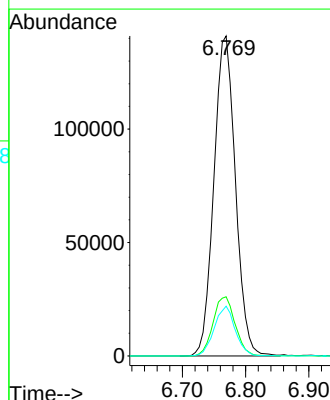
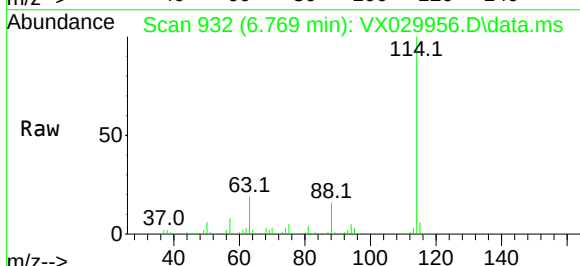
Tgt Ion: 114 Resp: 333278

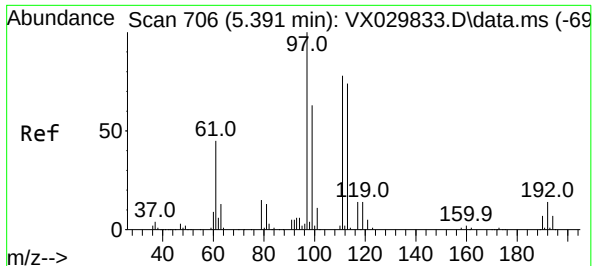
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.094 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029956.D

Acq: 07 Jul 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

MW-01

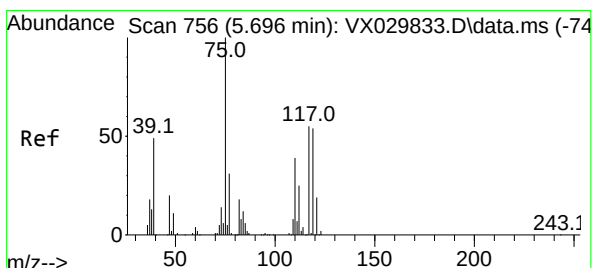
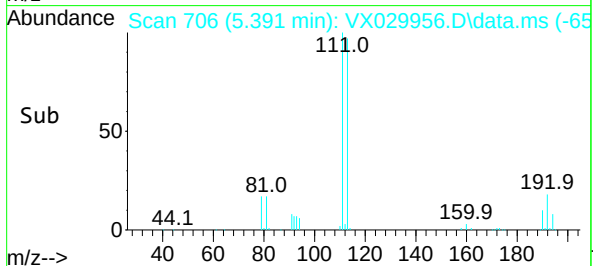
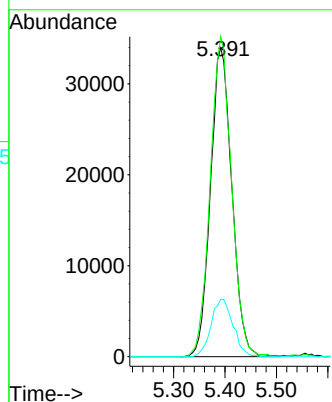
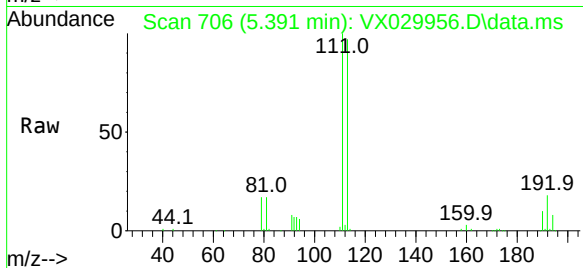
Tgt Ion:113 Resp: 98087

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

192 19.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.386 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029956.D

Acq: 07 Jul 2022 15:40

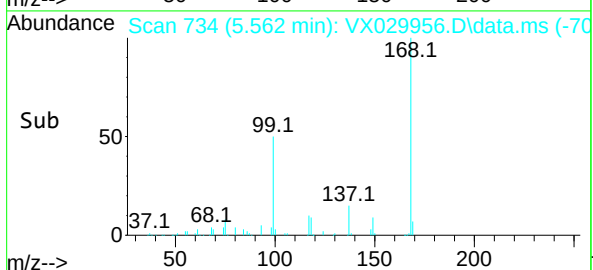
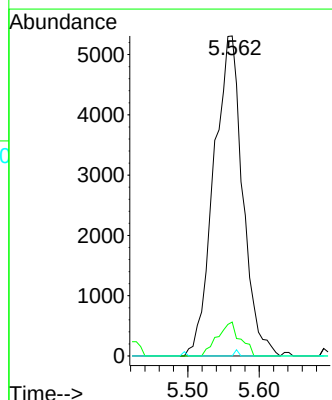
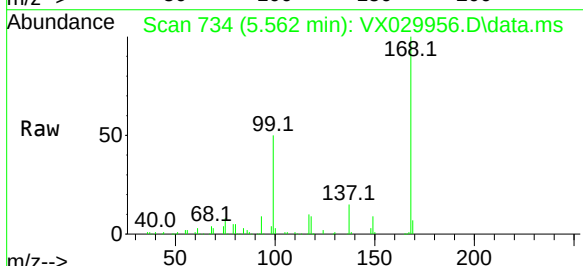
Tgt Ion: 75 Resp: 14919

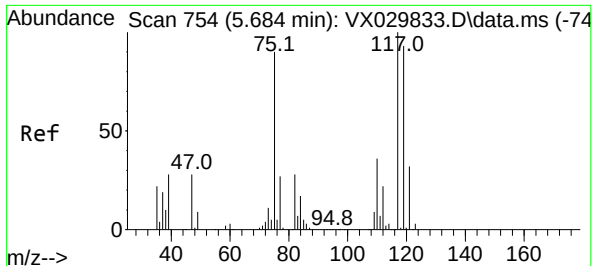
Ion Ratio Lower Upper

75 100

110 8.3 19.3 57.9#

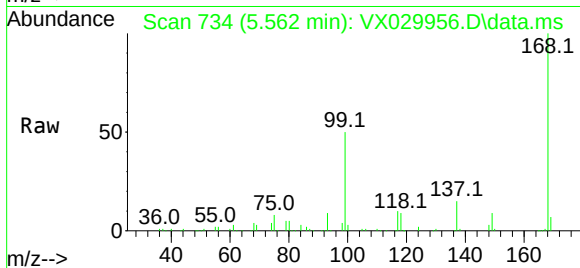
77 0.3 24.4 36.6#



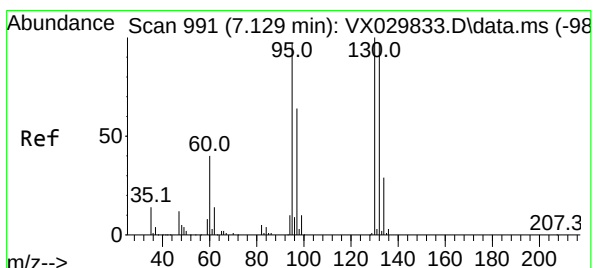
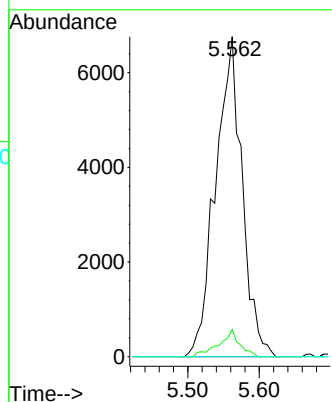
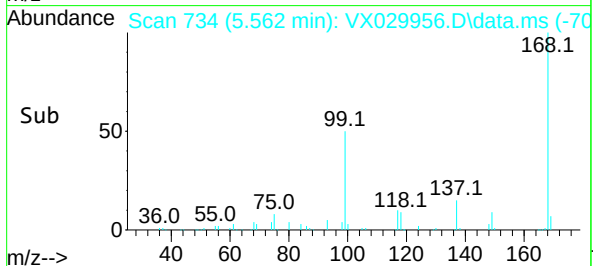


#38
Carbon Tetrachloride
Concen: 7.266 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-01

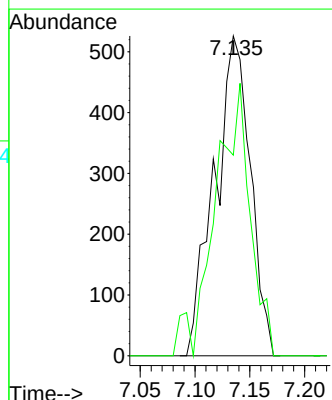
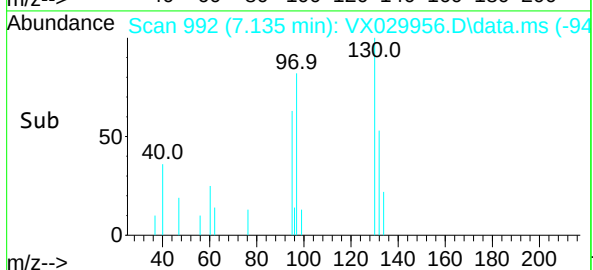
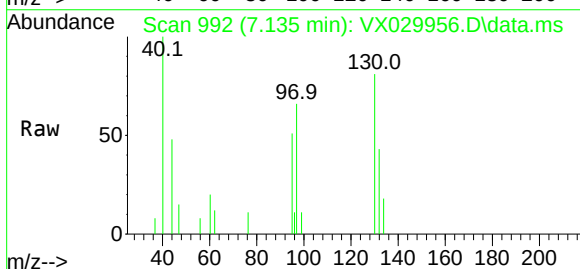


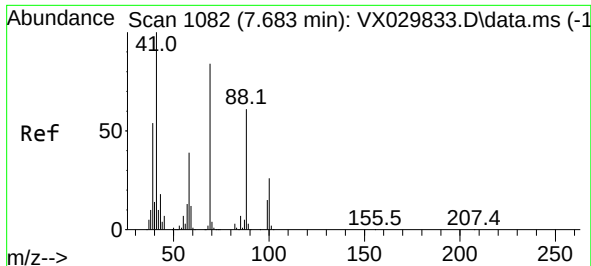
Tgt Ion:117 Resp: 17442
Ion Ratio Lower Upper
117 100
119 8.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.495 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Tgt Ion:130 Resp: 1195
Ion Ratio Lower Upper
130 100
95 62.7 0.0 194.8





#49

1,4-Dioxane

Concen: 0.703 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.079 min

Lab File: VX029956.D

Acq: 07 Jul 2022 15:40

Instrument :

MSVOA_X

ClientSampleId :

MW-01

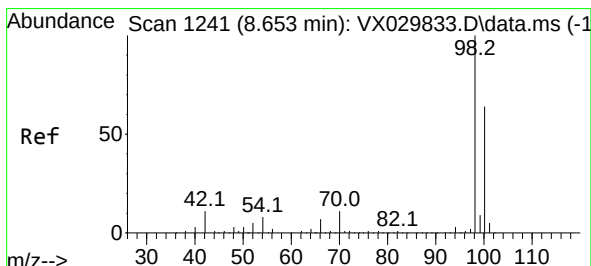
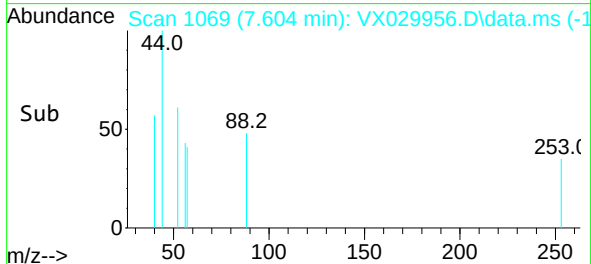
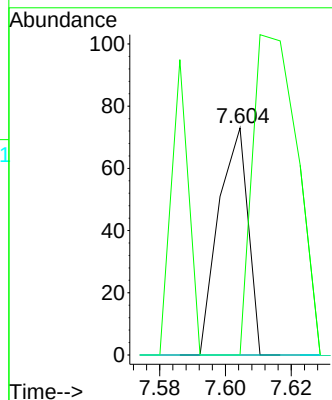
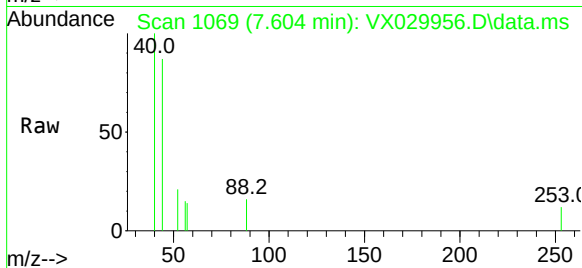
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 215.6 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 49.074 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX029956.D

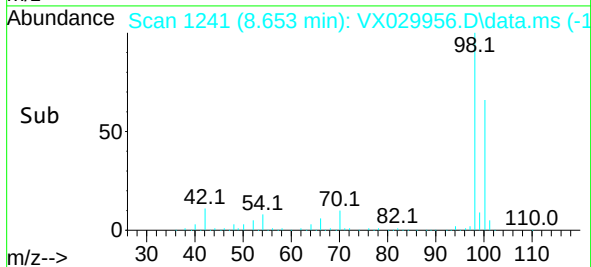
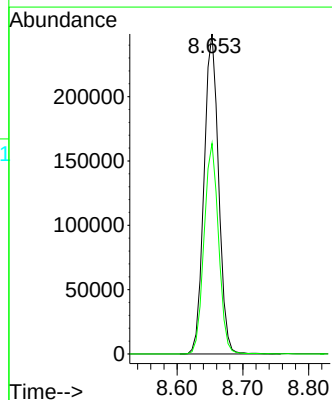
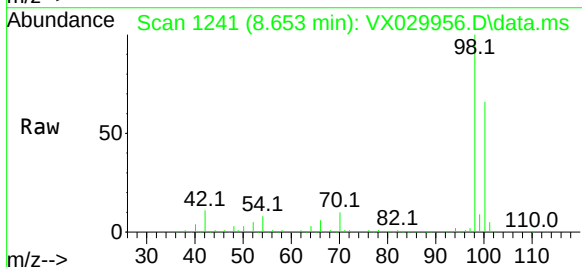
Acq: 07 Jul 2022 15:40

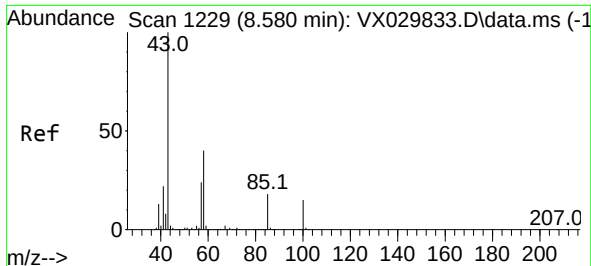
Tgt Ion: 98 Resp: 383445

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

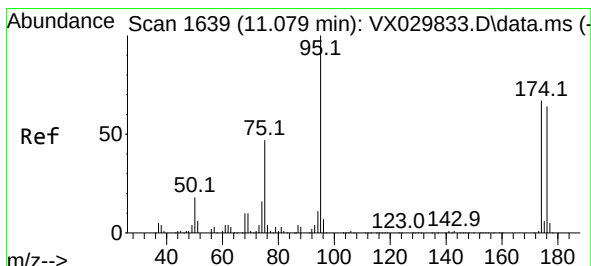
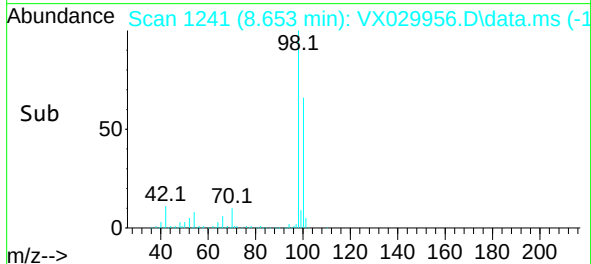
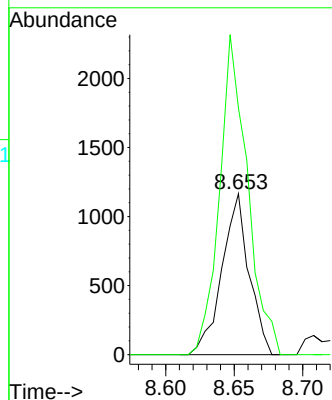
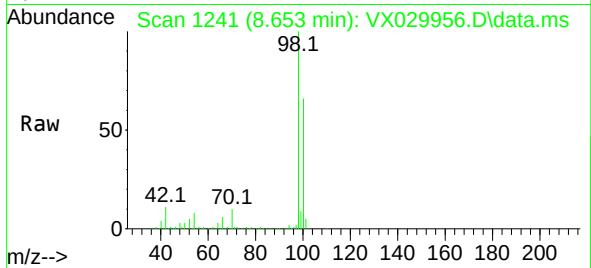




#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

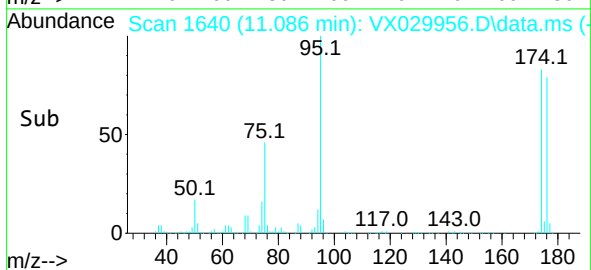
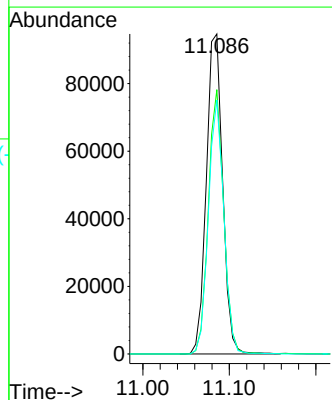
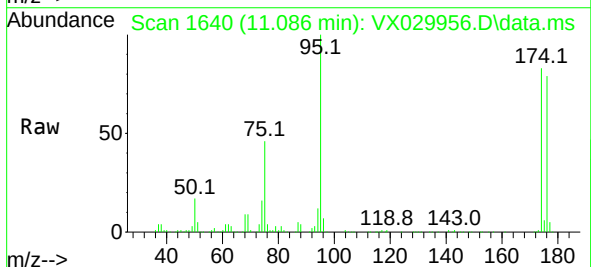
Instrument :
MSVOA_X
ClientSampleId :
MW-01

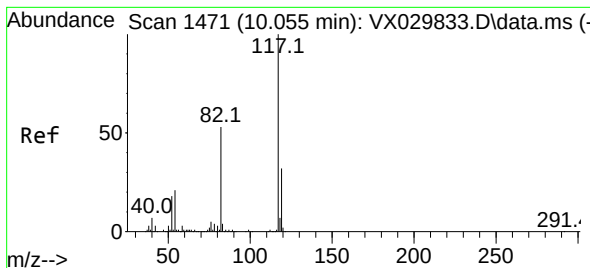
Tgt Ion: 43 Resp: 1607
Ion Ratio Lower Upper
43 100
58 204.6 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 44.839 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Tgt Ion: 95 Resp: 123844
Ion Ratio Lower Upper
95 100
174 77.8 0.0 149.0
176 75.3 0.0 146.0

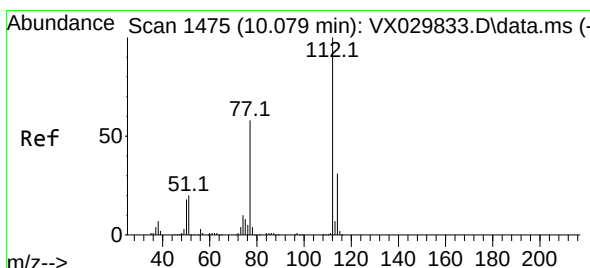
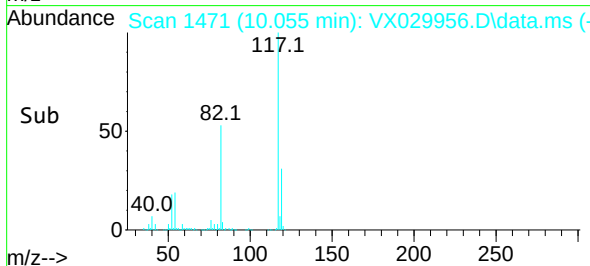
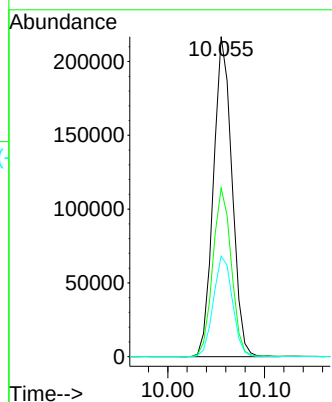
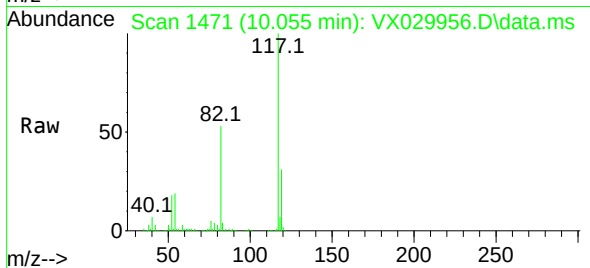




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

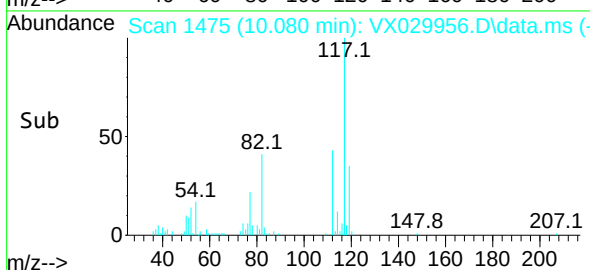
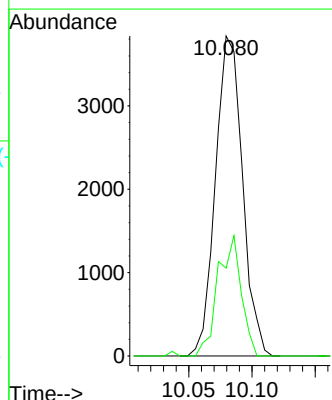
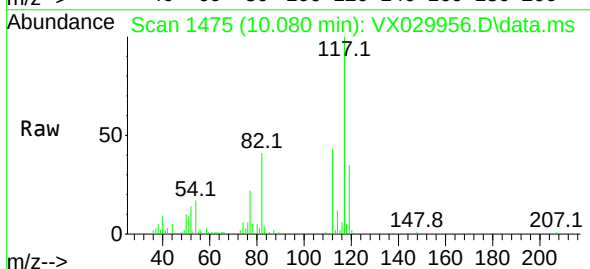
Instrument :
MSVOA_X
ClientSampleId :
MW-01

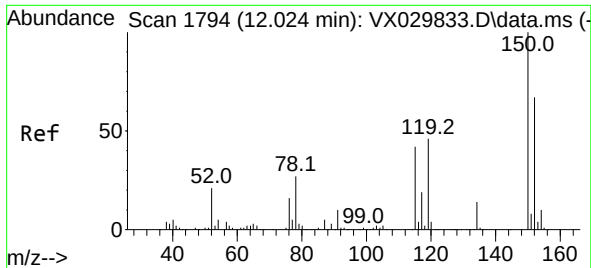
Tgt Ion:117 Resp: 289605
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 31.4 25.4 38.2



#65
Chlorobenzene
Concen: 0.980 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Tgt Ion:112 Resp: 5698
Ion Ratio Lower Upper
112 100
114 27.5 24.6 36.8

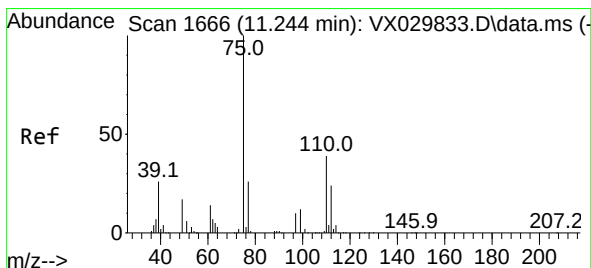
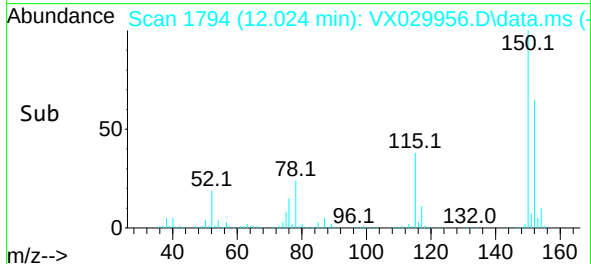
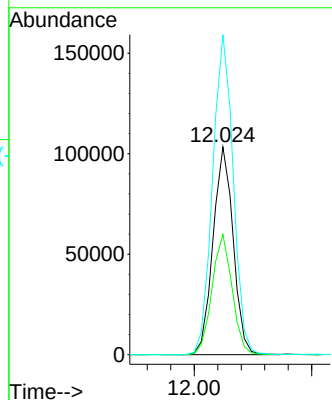
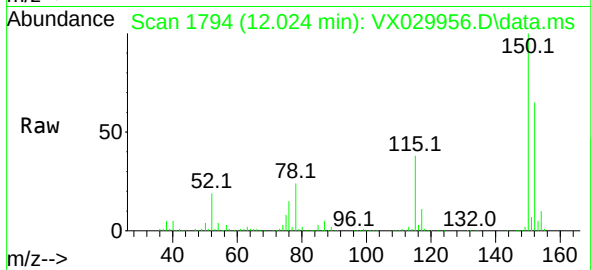




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029956.D
 Acq: 07 Jul 2022 15:40

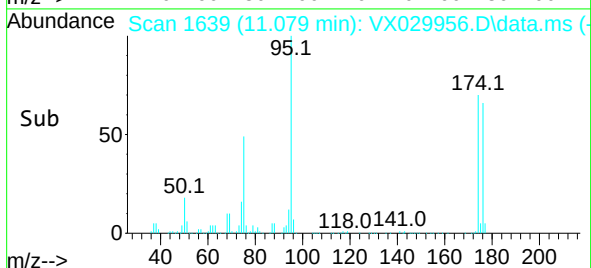
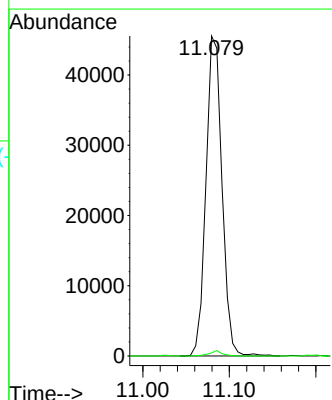
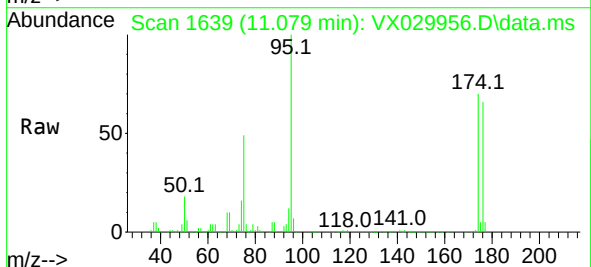
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

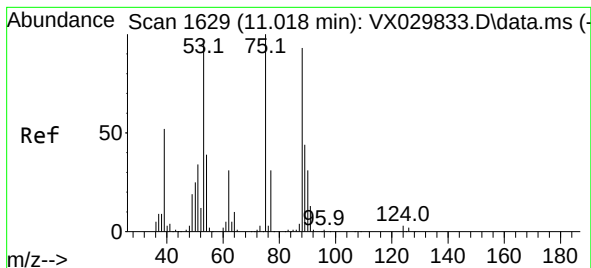
Tgt Ion:152 Resp: 123405
 Ion Ratio Lower Upper
 152 100
 115 57.8 40.5 121.5
 150 157.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 19.826 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX029956.D
 Acq: 07 Jul 2022 15:40

Tgt Ion: 75 Resp: 58568
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#

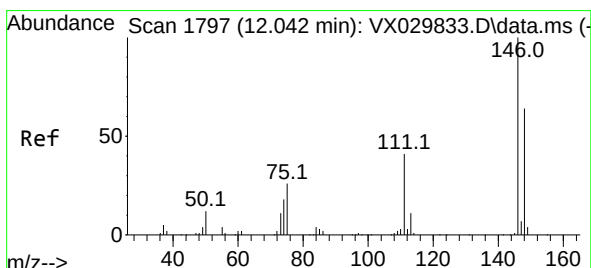
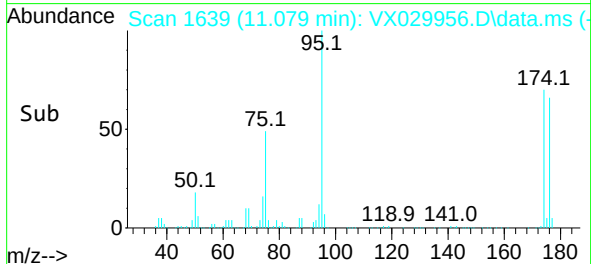
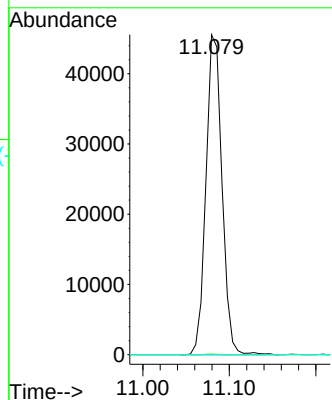
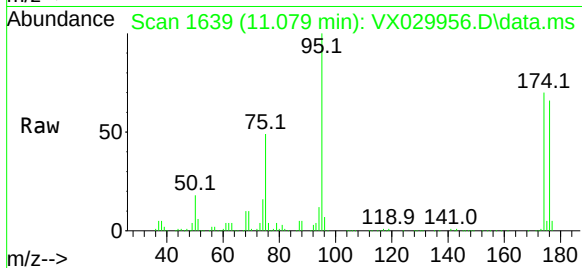




#81
trans-1,4-Dichloro-2-butene
Concen: 62.962 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 75 Resp: 58568
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#



#88
1,4-Dichlorobenzene
Concen: 0.764 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029956.D
Acq: 07 Jul 2022 15:40

Tgt Ion:146 Resp: 3214
Ion Ratio Lower Upper
146 100
111 81.7 20.3 60.9#
148 85.7 32.3 96.8

