

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029890.D
 Acq On : 30 Jun 2022 03:40
 Operator : JC/MD
 Sample : N3481-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

Quant Time: Jun 30 06:27:48 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)

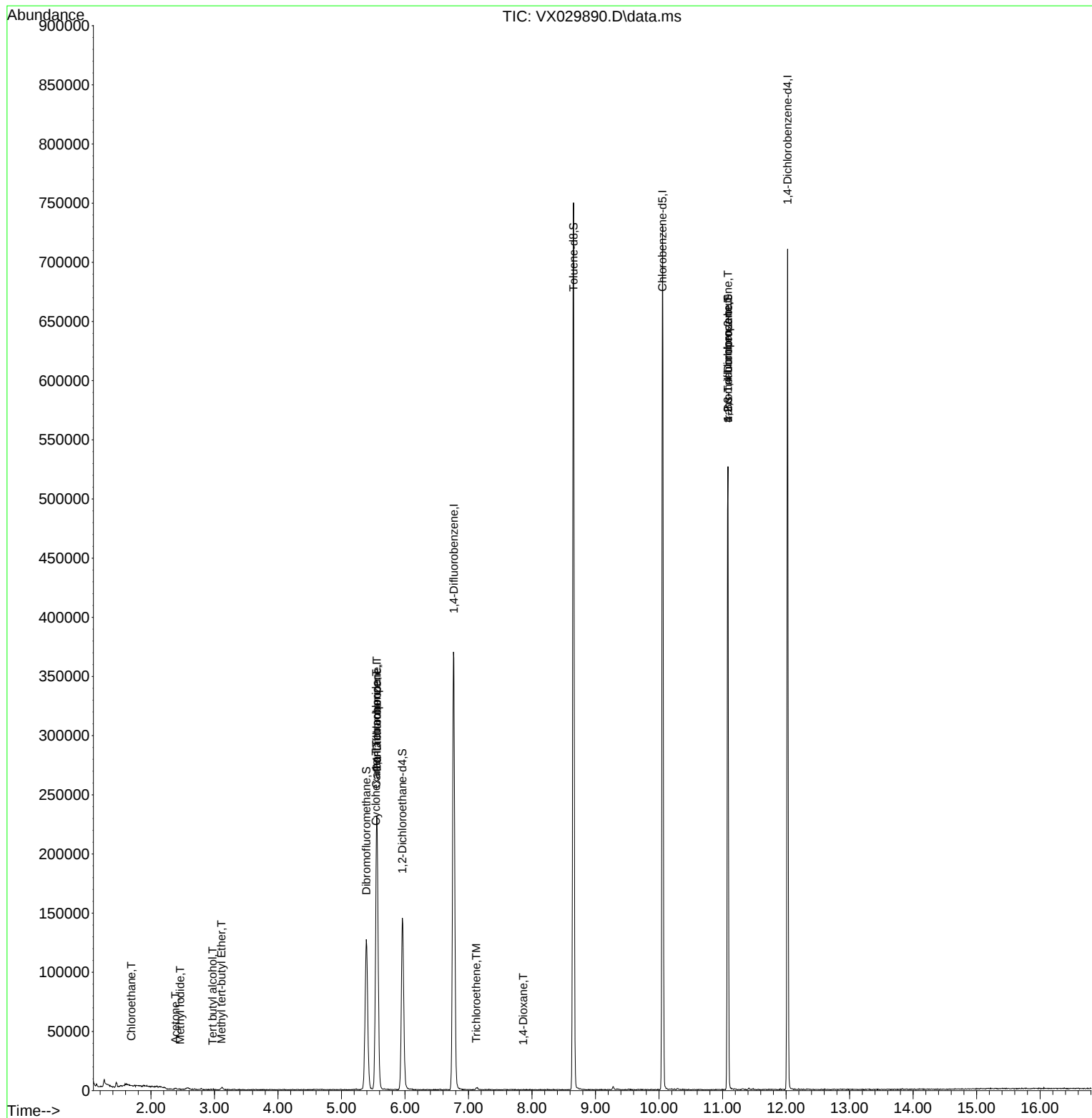
Internal Standards						
1) Pentafluorobenzene	5.556	168	226750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	399107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128061	44.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.240%
35) Dibromofluoromethane	5.391	113	113142	45.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.653	98	452213	48.329	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.085	95	148575	44.920	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	263	1.175	ug/l #	41
10) Methyl Iodide	2.459	142	105	1.906	ug/l #	45
11) Tert butyl alcohol	2.971	59	233	0.310	ug/l #	74
13) Acrolein	2.264	56	45	Below Cal	#	14
16) Acetone	2.386	43	1268	0.903	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	2106	0.267	ug/l #	88
31) Cyclohexane	5.544	56	4719	1.179	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	16692	5.032	ug/l #	44
38) Carbon Tetrachloride	5.550	117	21273	7.401	ug/l #	18
44) Trichloroethene	7.123	130	785	0.272	ug/l	59
49) 1,4-Dioxane	7.860	88	19	0.248	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	69089	20.517	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	69089	65.158	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

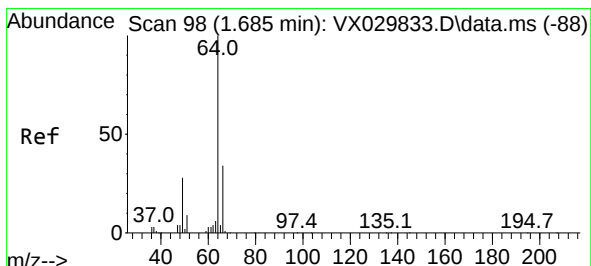
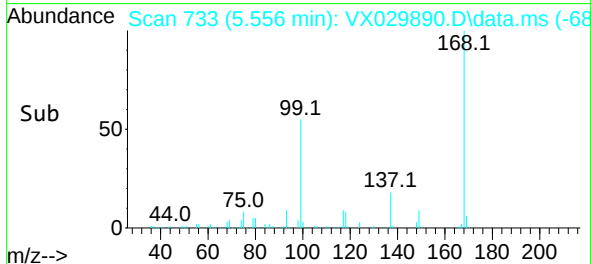
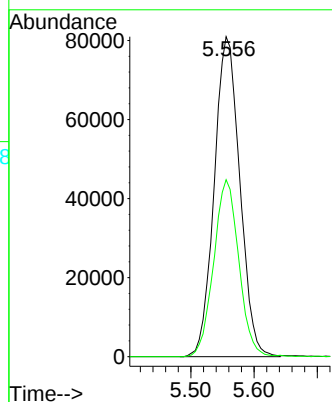
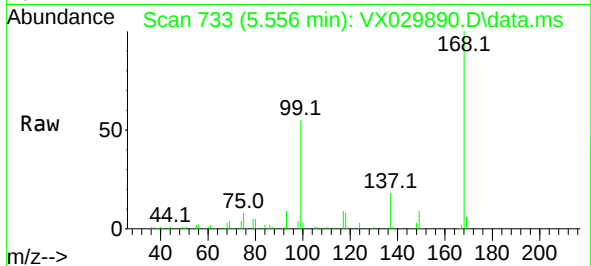




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

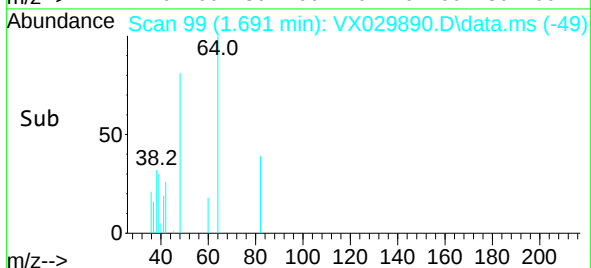
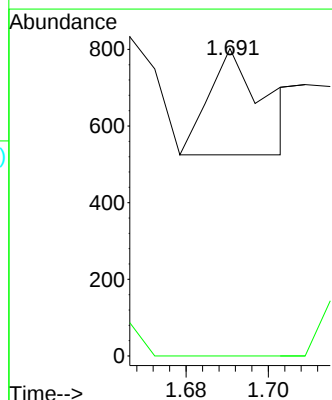
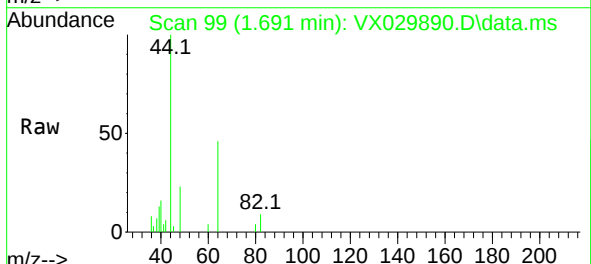
Instrument :
MSVOA_X
ClientSampleId :
MW-32

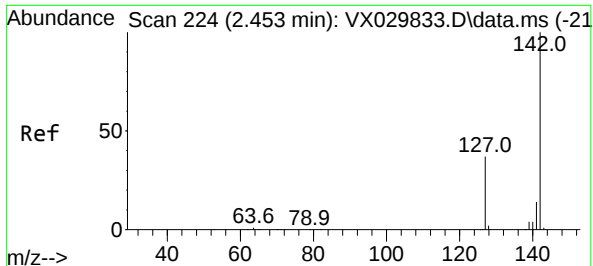
Tgt Ion:168 Resp: 226750
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#6
Chloroethane
Concen: 1.175 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

Tgt Ion: 64 Resp: 263
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

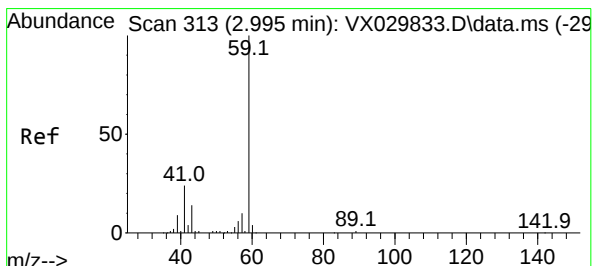
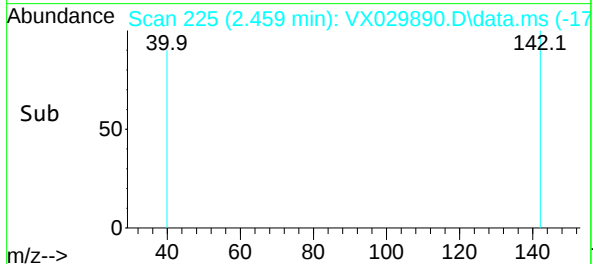
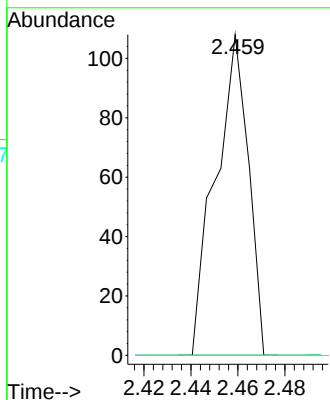
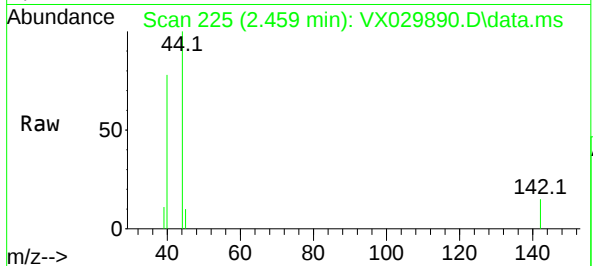




#10
Methyl Iodide
Concen: 1.906 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

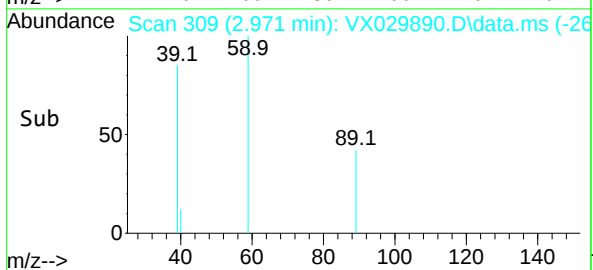
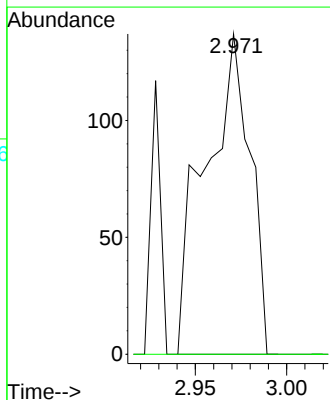
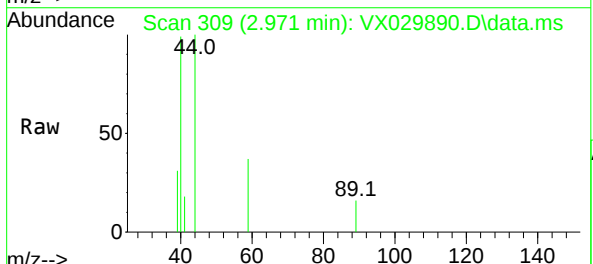
Instrument :
MSVOA_X
ClientSampleId :
MW-32

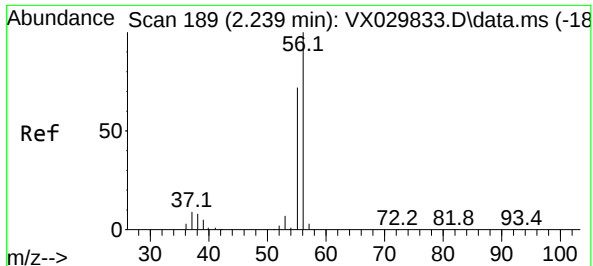
Tgt Ion:142 Resp: 105
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.310 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

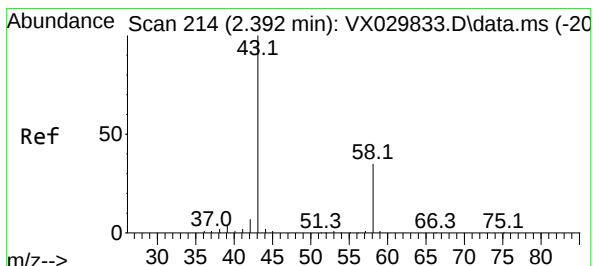
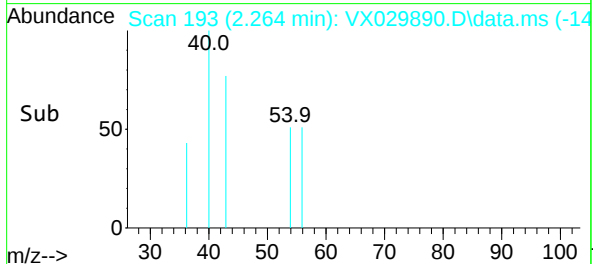
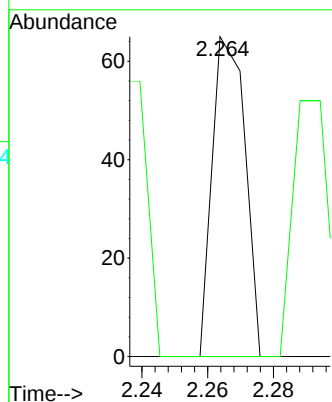
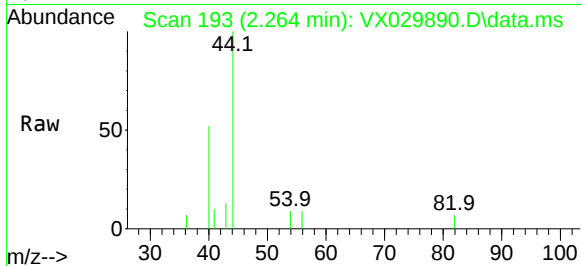




#13
Acrolein
Concen: Below Cal
RT: 2.264 min Scan# 19
Delta R.T. 0.025 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

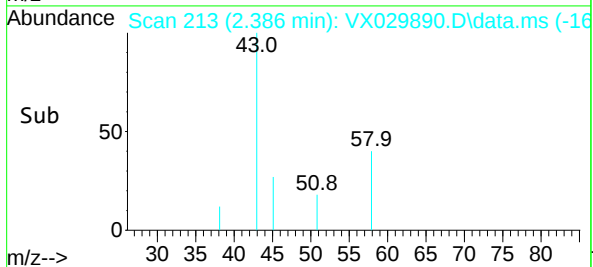
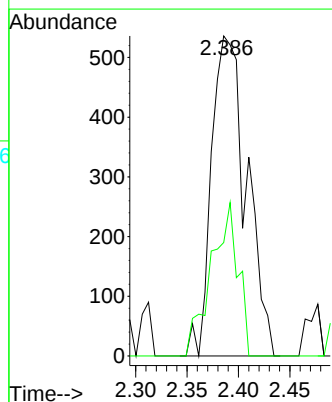
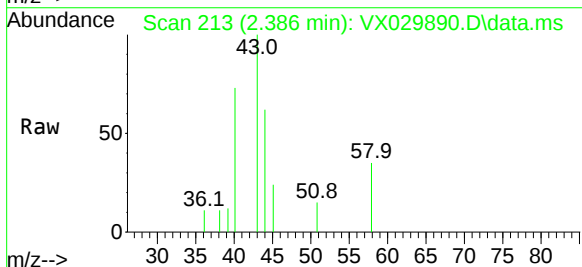
Instrument :
MSVOA_X
ClientSampleId :
MW-32

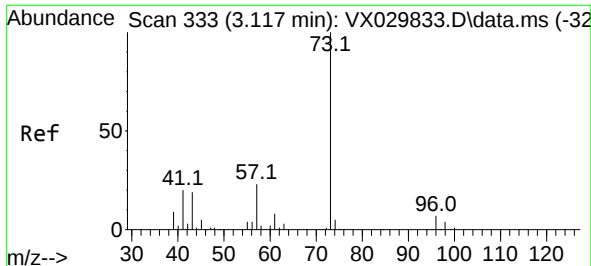
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 0.903 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 35.4 27.7 41.5

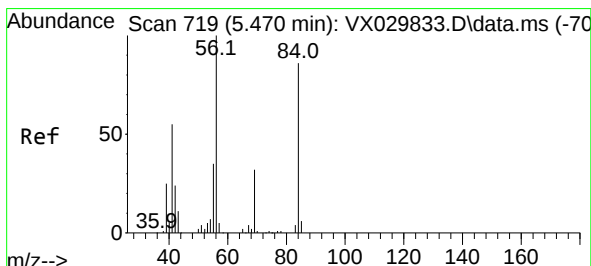
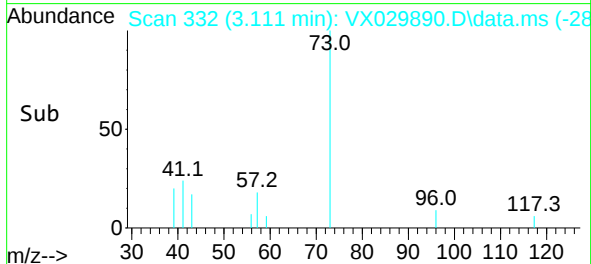
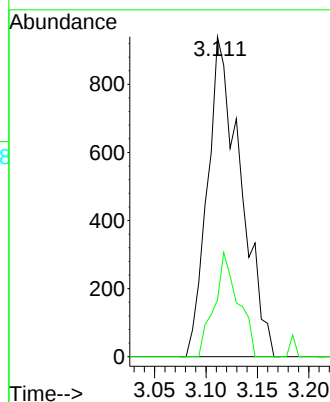
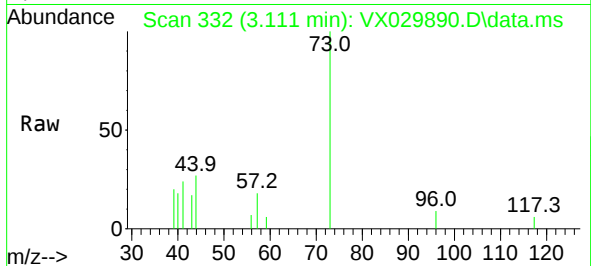




#19
Methyl tert-butyl Ether
Concen: 0.267 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

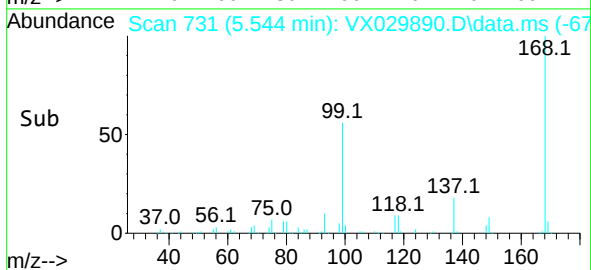
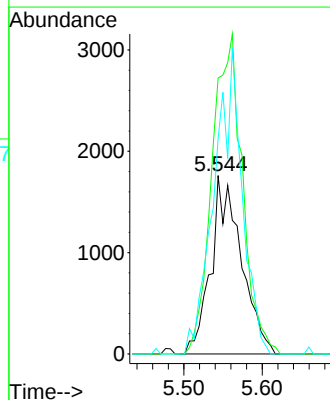
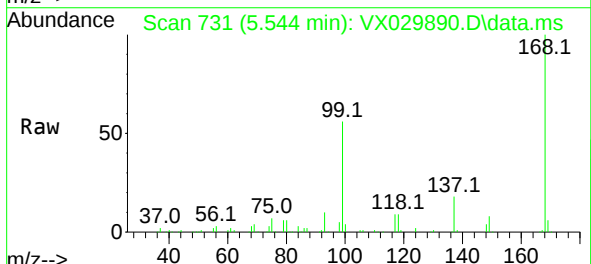
Instrument :
MSVOA_X
ClientSampleId :
MW-32

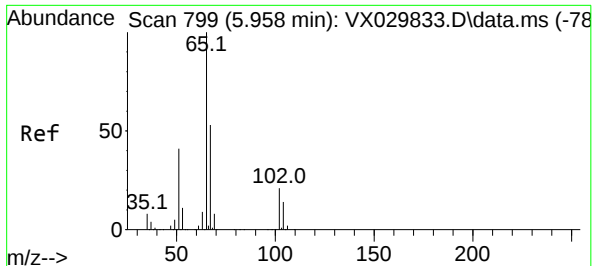
Tgt Ion: 73 Resp: 2106
Ion Ratio Lower Upper
73 100
57 17.8 19.0 28.6#



#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

Tgt Ion: 56 Resp: 4719
Ion Ratio Lower Upper
56 100
69 154.7 25.4 38.0#
84 120.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 44.616 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029890.D

Acq: 30 Jun 2022 03:40

Instrument :

MSVOA_X

ClientSampleId :

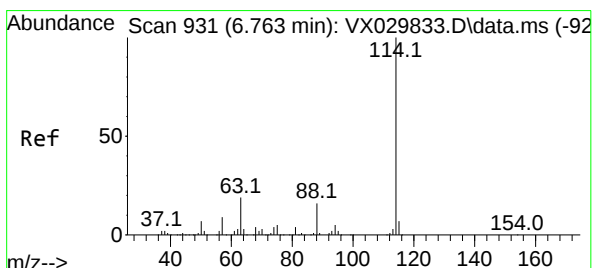
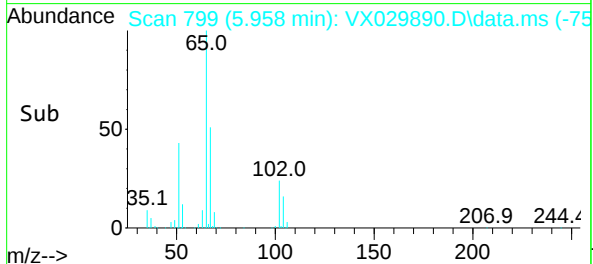
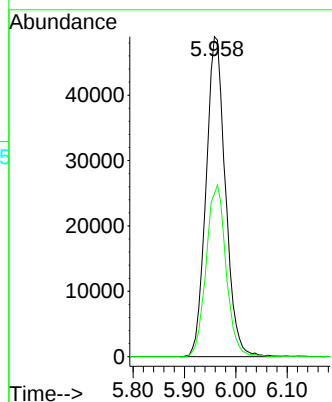
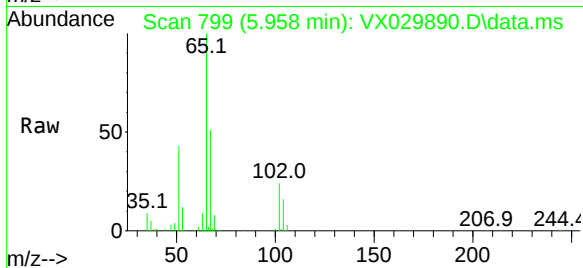
MW-32

Tgt Ion: 65 Resp: 128061

Ion Ratio Lower Upper

65 100

67 54.9 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: VX029890.D

Acq: 30 Jun 2022 03:40

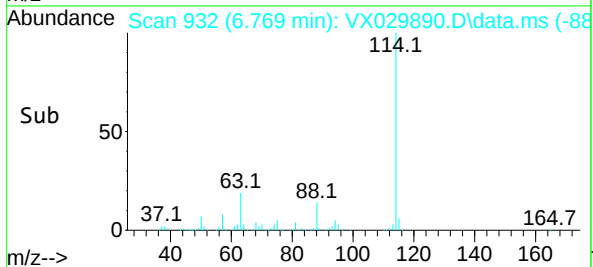
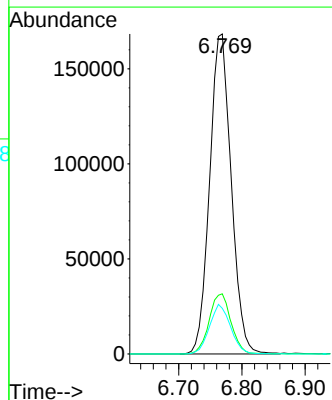
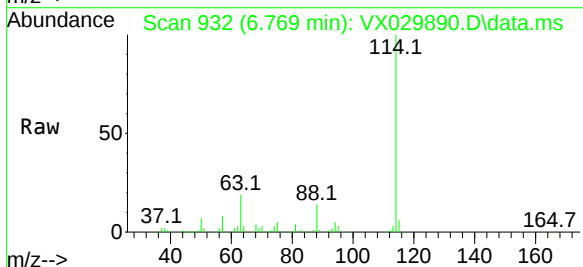
Tgt Ion: 114 Resp: 399107

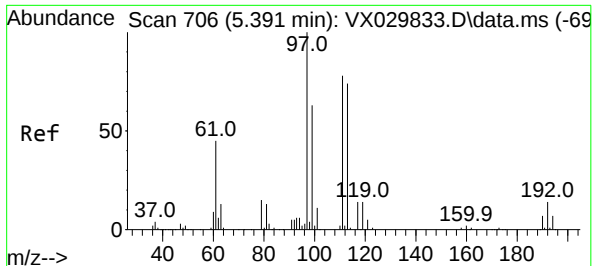
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.362 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029890.D

Acq: 30 Jun 2022 03:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

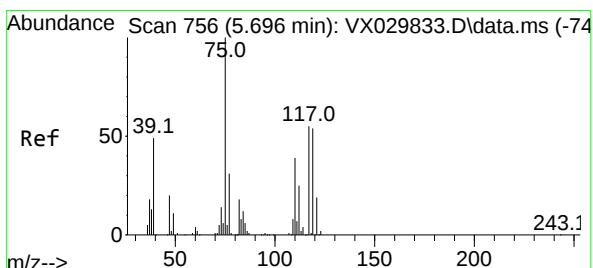
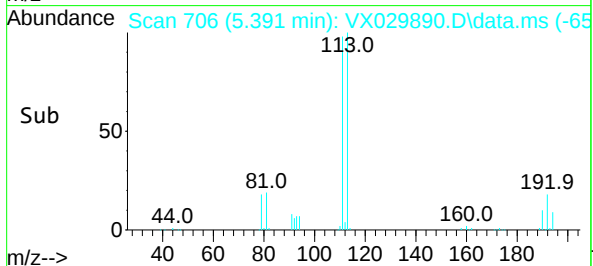
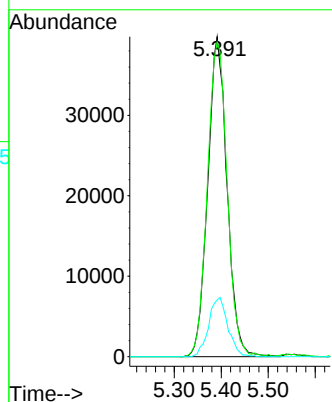
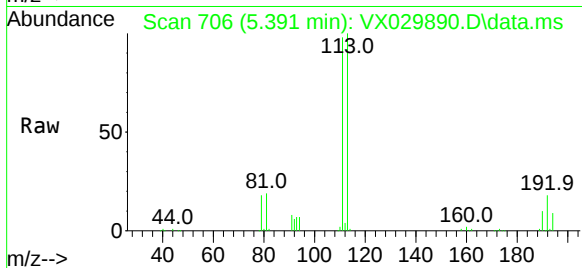
Tgt Ion:113 Resp: 113142

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 18.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029890.D

Acq: 30 Jun 2022 03:40

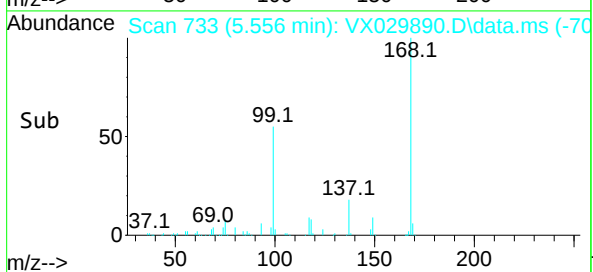
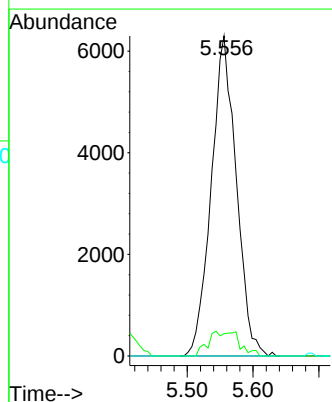
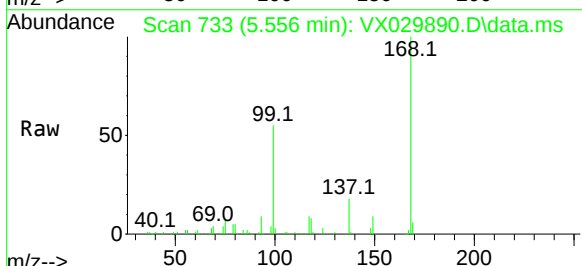
Tgt Ion: 75 Resp: 16692

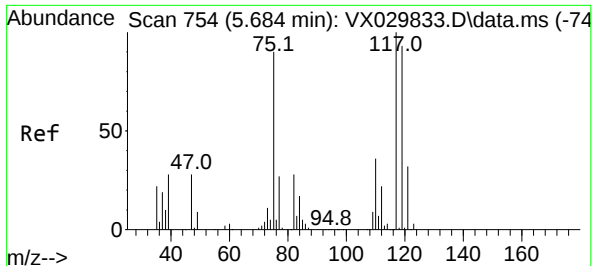
Ion Ratio Lower Upper

75 100

110 4.1 19.3 57.9#

77 0.0 24.4 36.6#

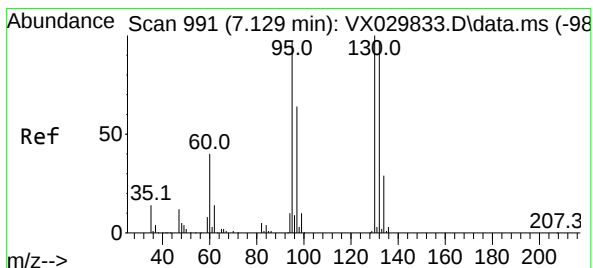
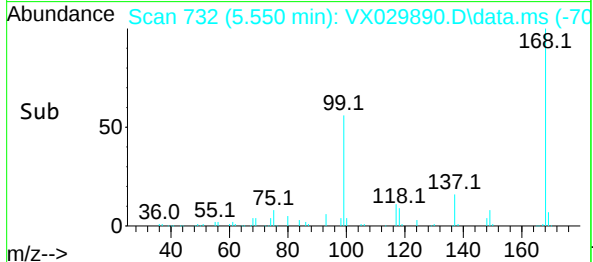
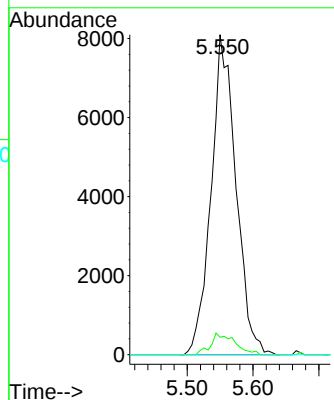
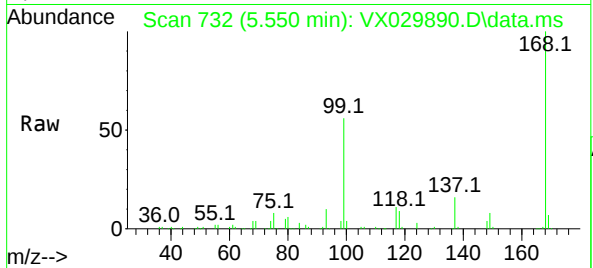




#38
Carbon Tetrachloride
Concen: 7.401 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

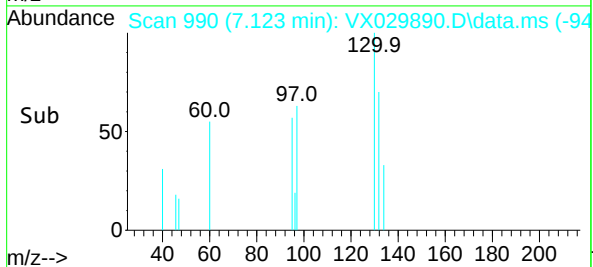
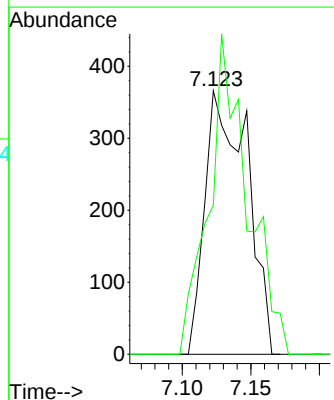
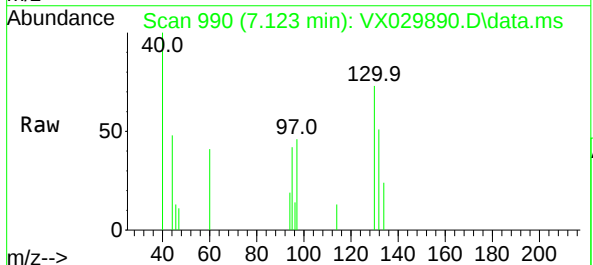
Instrument :
MSVOA_X
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MW-32

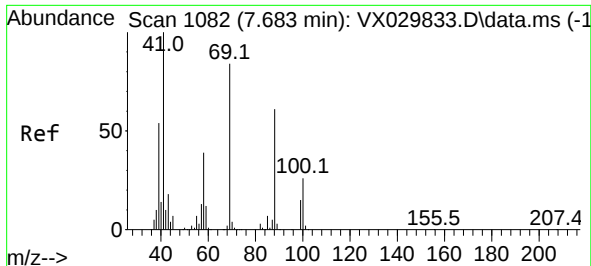
Tgt Ion:117 Resp: 21273
Ion Ratio Lower Upper
117 100
119 5.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.272 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029890.D
Acq: 30 Jun 2022 03:40

Tgt Ion:130 Resp: 785
Ion Ratio Lower Upper
130 100
95 56.6 0.0 194.8





#49

1,4-Dioxane

Concen: 0.248 ug/l

RT: 7.860 min Scan# 1111

Delta R.T. 0.177 min

Lab File: VX029890.D

Acq: 30 Jun 2022 03:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

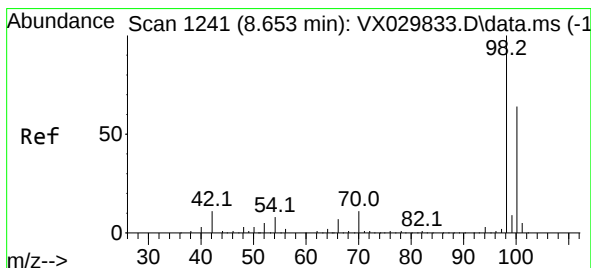
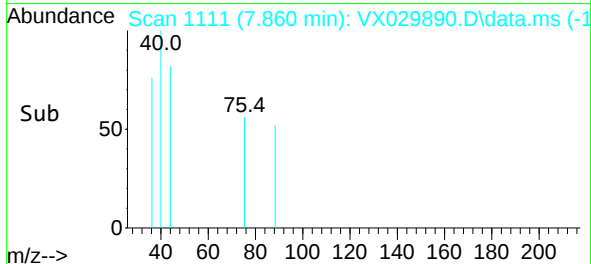
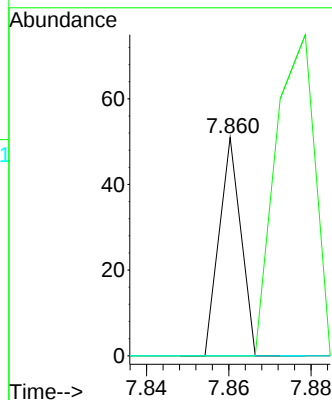
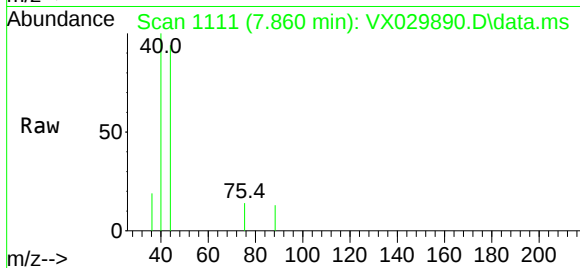
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 257.9 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 48.329 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX029890.D

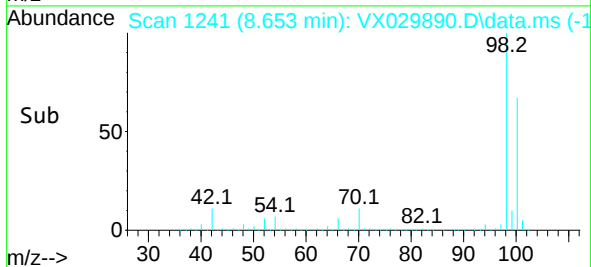
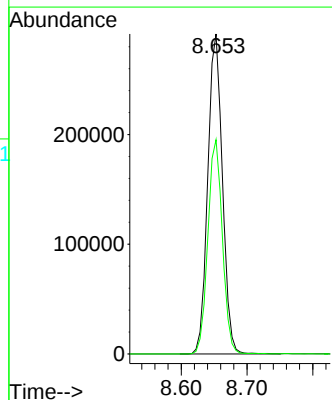
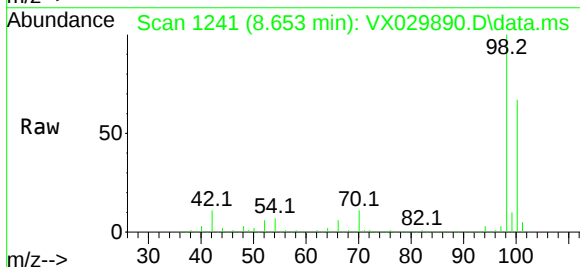
Acq: 30 Jun 2022 03:40

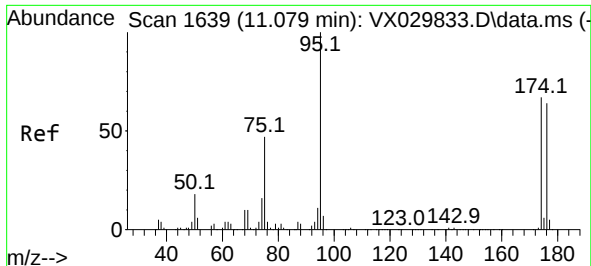
Tgt Ion: 98 Resp: 452213

Ion Ratio Lower Upper

98 100

100 66.3 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 44.920 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029890.D

Acq: 30 Jun 2022 03:40

Instrument :

MSVOA_X

ClientSampleId :

MW-32

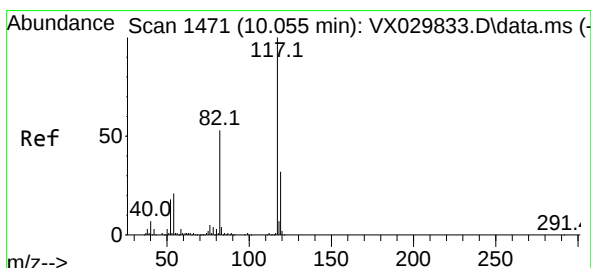
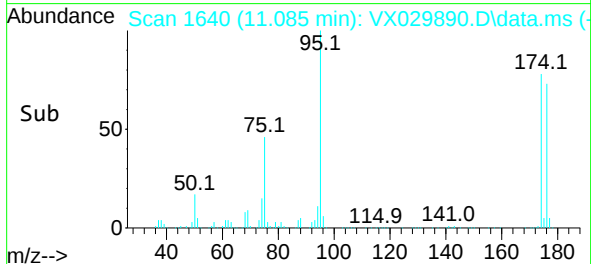
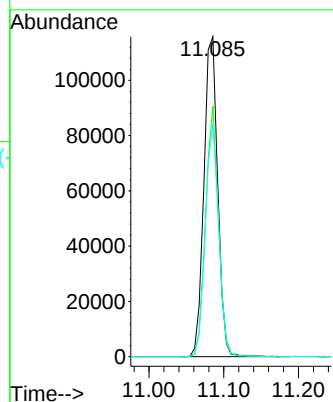
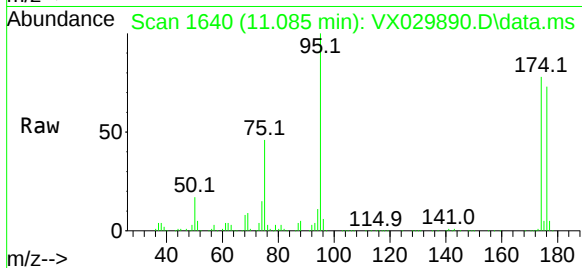
Tgt Ion: 95 Resp: 148575

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.0

176 70.4 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: VX029890.D

Acq: 30 Jun 2022 03:40

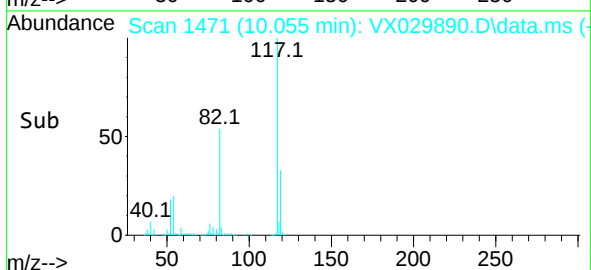
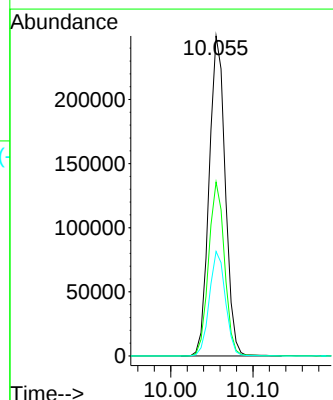
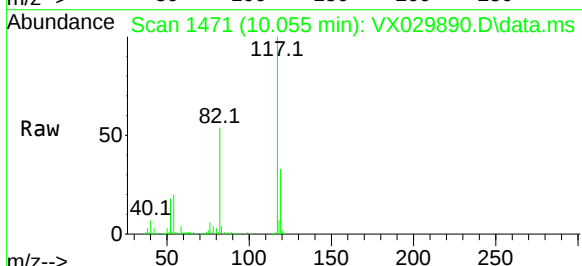
Tgt Ion: 117 Resp: 339319

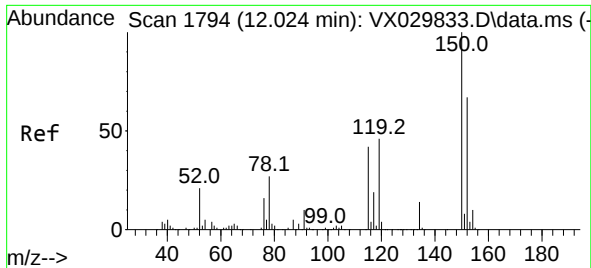
Ion Ratio Lower Upper

117 100

82 54.3 42.7 64.1

119 32.7 25.4 38.2

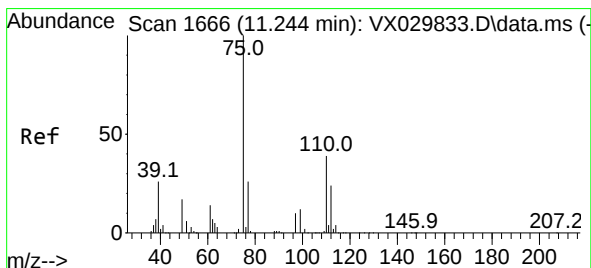
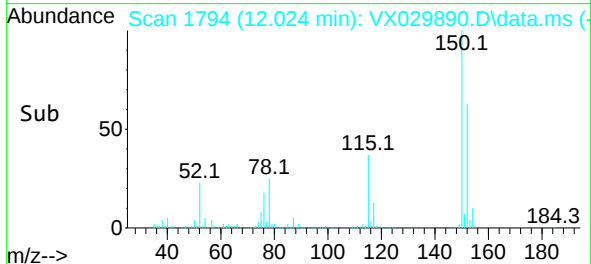
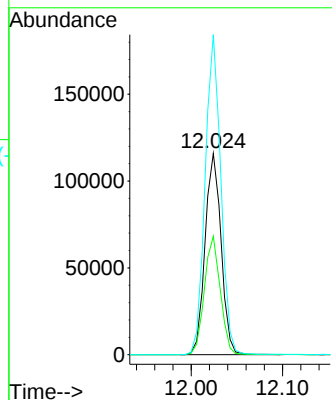
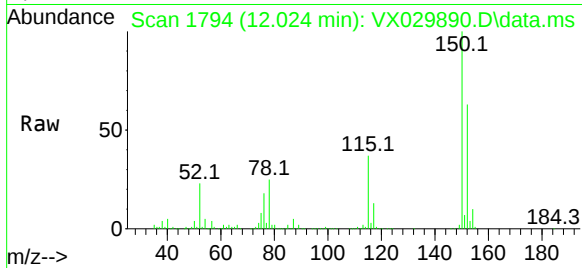




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029890.D
 Acq: 30 Jun 2022 03:40

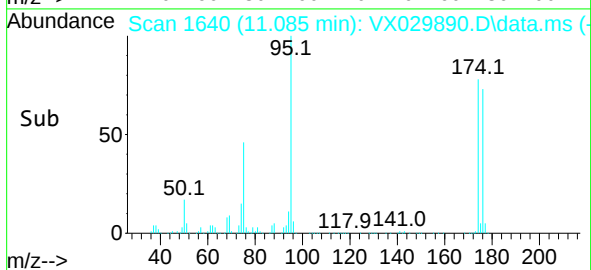
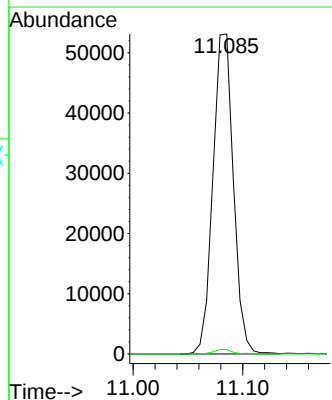
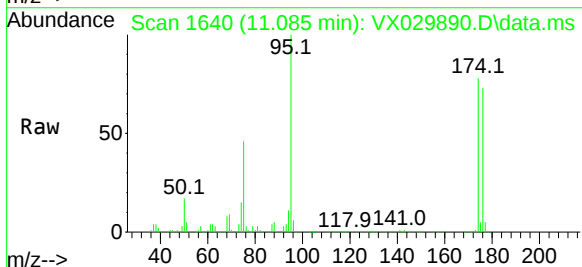
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

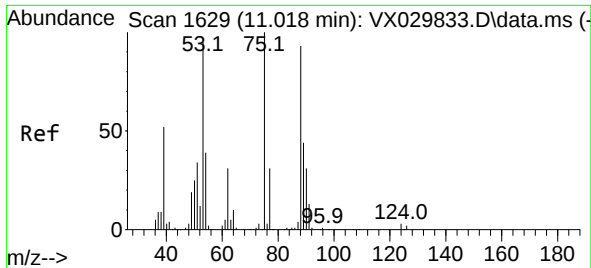
Tgt Ion:152 Resp: 140666
 Ion Ratio Lower Upper
 152 100
 115 58.4 40.5 121.5
 150 155.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.517 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX029890.D
 Acq: 30 Jun 2022 03:40

Tgt Ion: 75 Resp: 69089
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.158 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029890.D
 Acq: 30 Jun 2022 03:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-32

Tgt Ion: 75 Resp: 69089
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

