

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029897.D
 Acq On : 30 Jun 2022 06:23
 Operator : JC/MD
 Sample : N3481-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Jun 30 08:53:46 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)

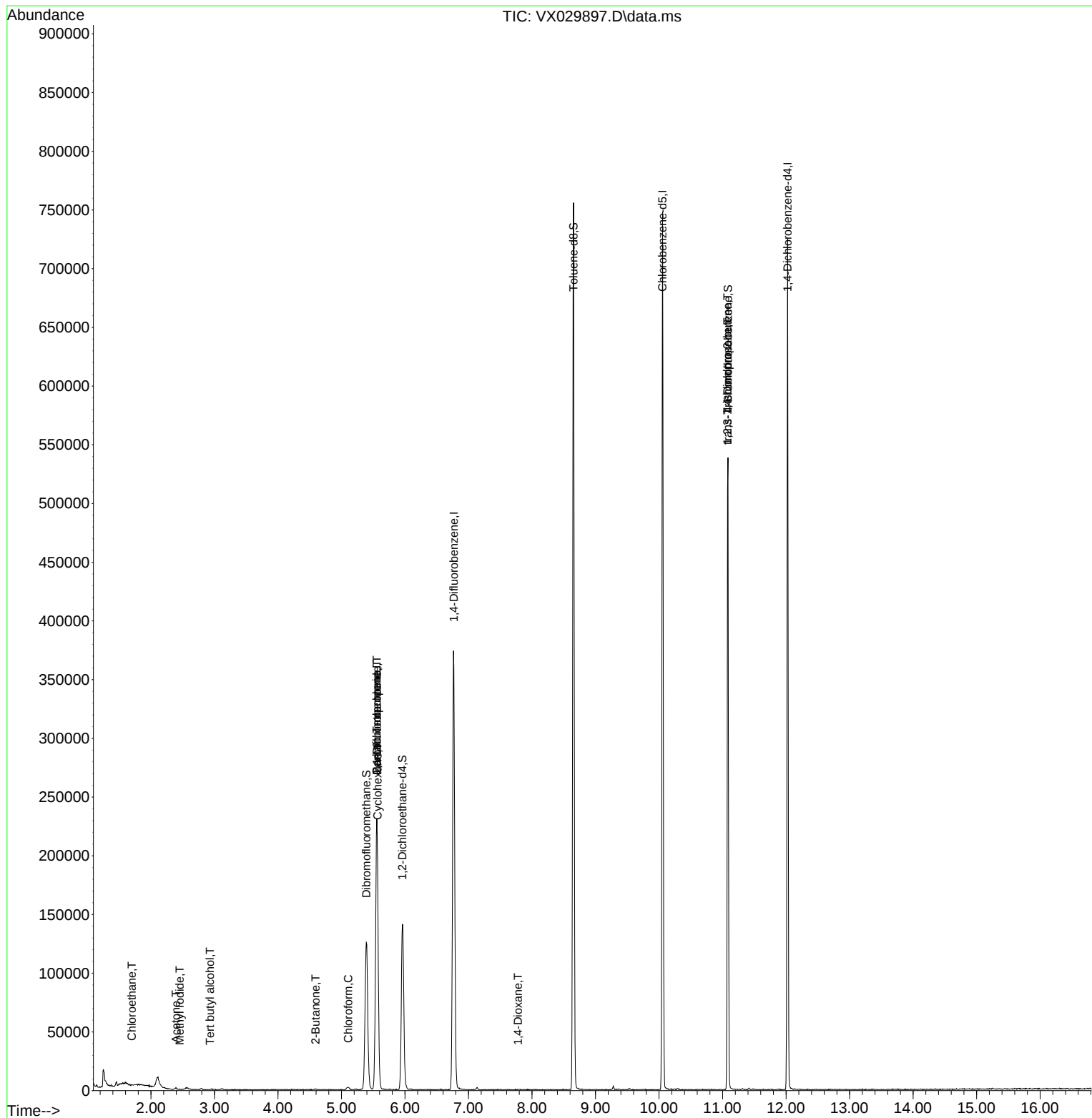
Internal Standards						
1) Pentafluorobenzene	5.556	168	227716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	396225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126653	43.939	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.880%
35) Dibromofluoromethane	5.391	113	113947	46.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.040%
50) Toluene-d8	8.653	98	449258	48.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.085	95	149720	45.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.200%
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	346	1.217	ug/l #	6
10) Methyl Iodide	2.453	142	45	1.887	ug/l #	34
11) Tert butyl alcohol	2.928	59	386	0.512	ug/l #	74
13) Acrolein	2.215	56	26	Below Cal	#	14
16) Acetone	2.392	43	1710	1.213	ug/l #	72
25) 2-Butanone	4.592	43	500	0.204	ug/l #	48
30) Chloroform	5.105	83	2689	0.595	ug/l	92
31) Cyclohexane	5.568	56	4588	1.142	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17407	5.285	ug/l #	47
38) Carbon Tetrachloride	5.556	117	21185	7.424	ug/l #	19
49) 1,4-Dioxane	7.781	88	20	0.263	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71412	20.562	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71412	65.301	ug/l #	12

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

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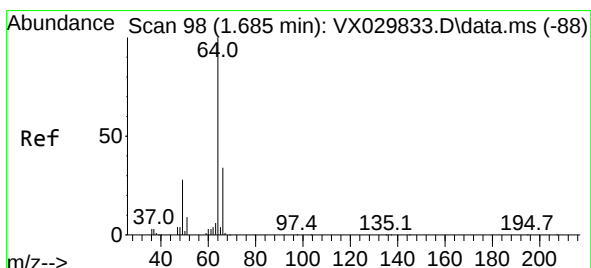
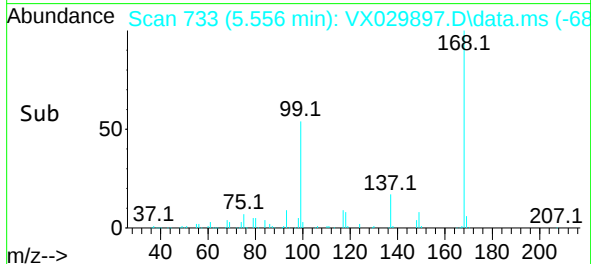
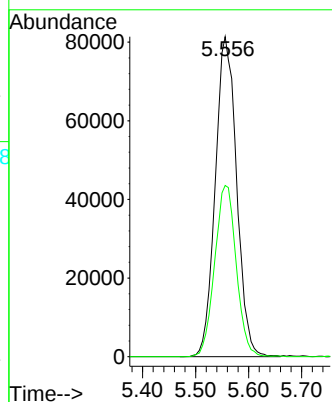
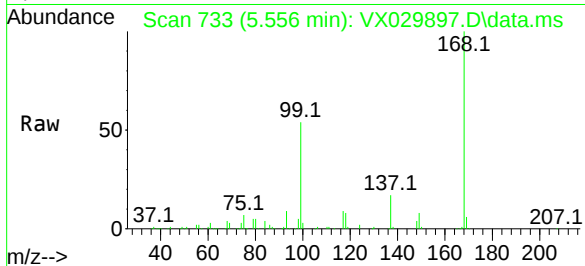




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

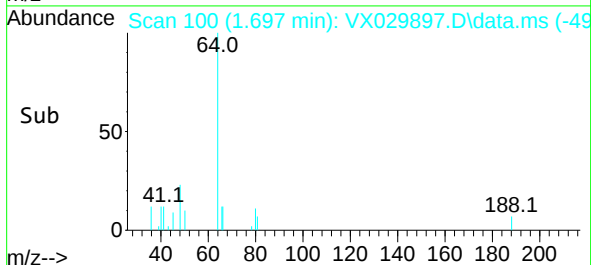
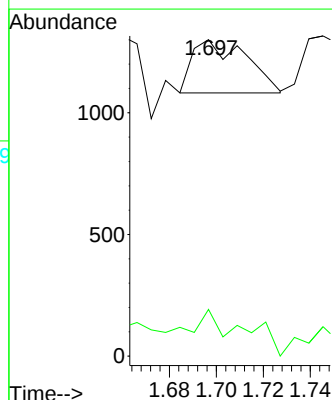
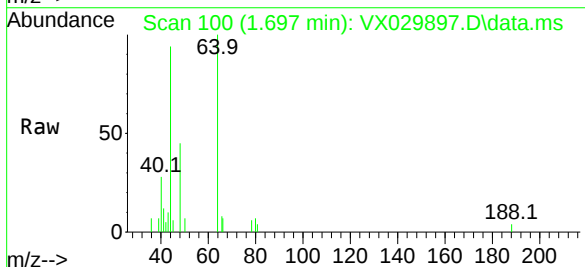
Instrument :
MSVOA_X
ClientSampleId :
MW-24

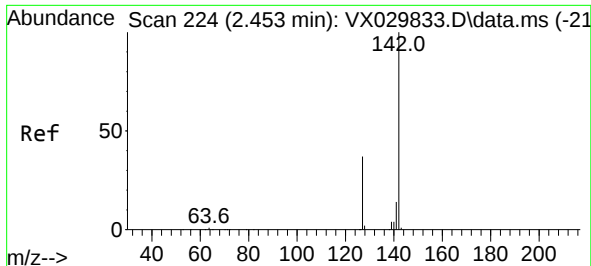
Tgt Ion:168 Resp: 227716
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#6
Chloroethane
Concen: 1.217 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

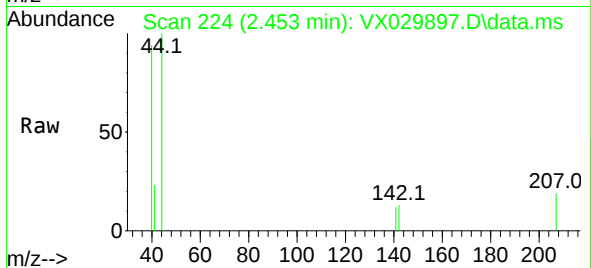
Tgt Ion: 64 Resp: 346
Ion Ratio Lower Upper
64 100
66 87.7 27.2 40.8#



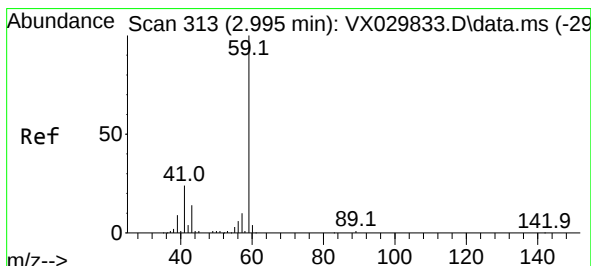
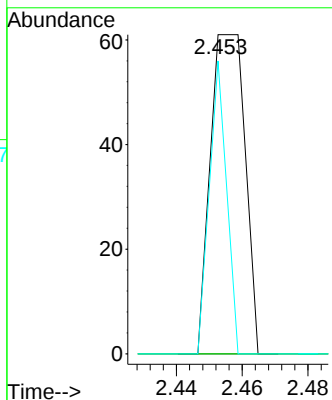
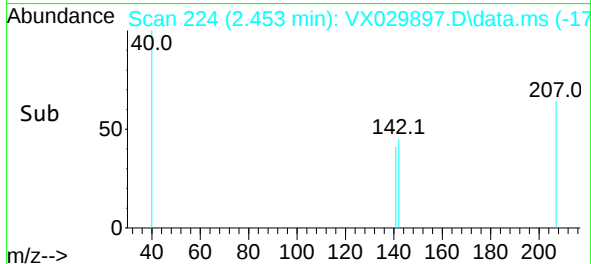


#10
Methyl Iodide
Concen: 1.887 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

Instrument :
MSVOA_X
ClientSampleId :
MW-24

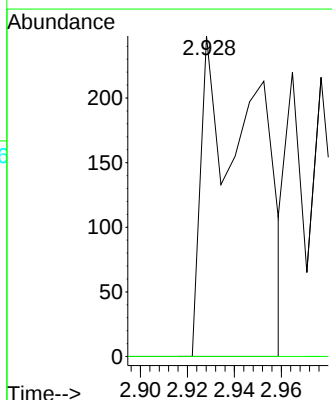
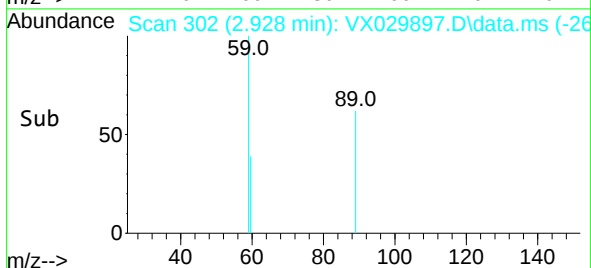
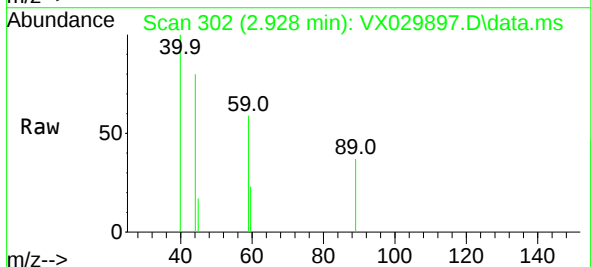


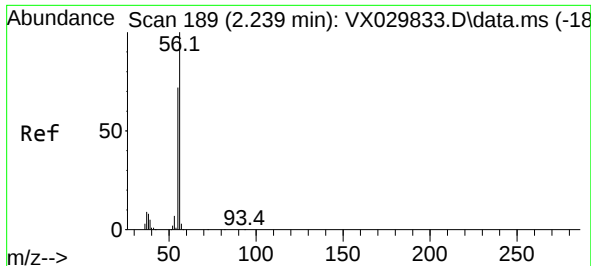
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 44.4 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.512 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.067 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: Below Cal

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX029897.D

Acq: 30 Jun 2022 06:23

Instrument :

MSVOA_X

ClientSampleId :

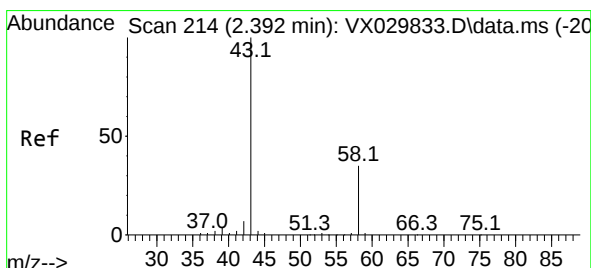
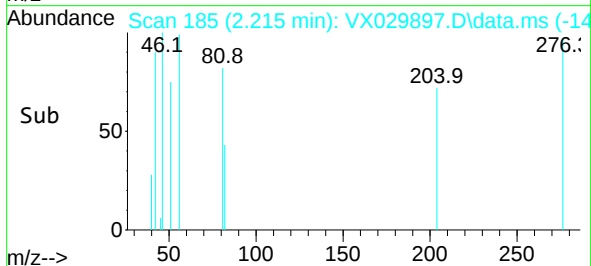
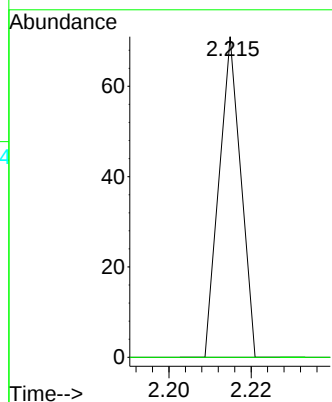
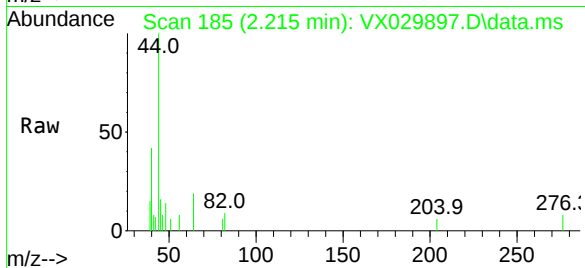
MW-24

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.213 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX029897.D

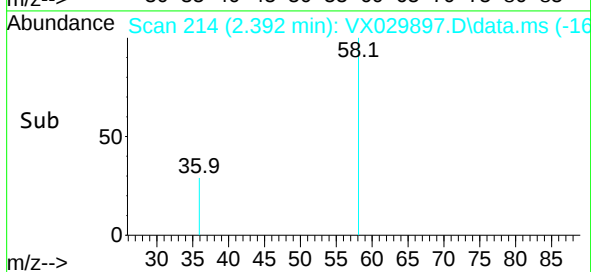
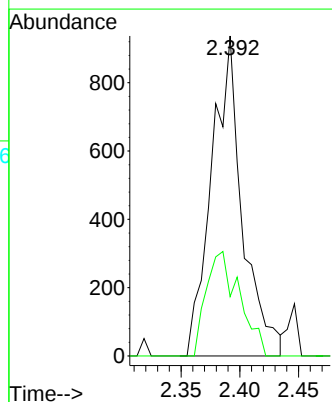
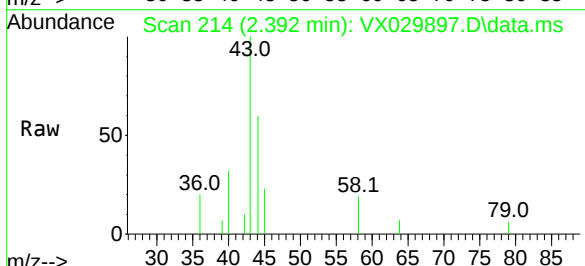
Acq: 30 Jun 2022 06:23

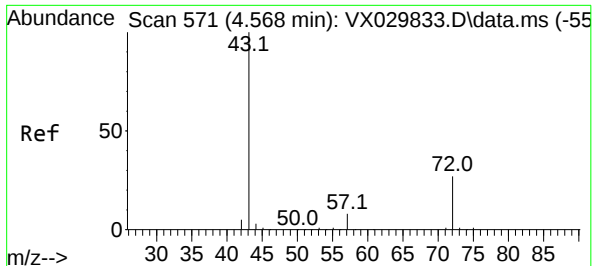
Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

58 18.6 27.7 41.5#

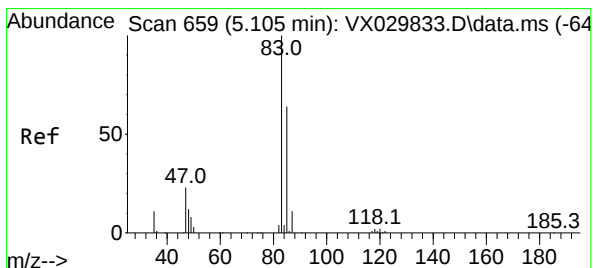
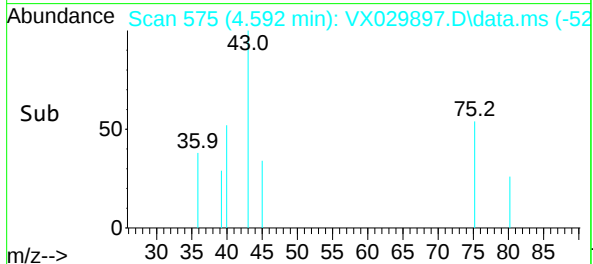
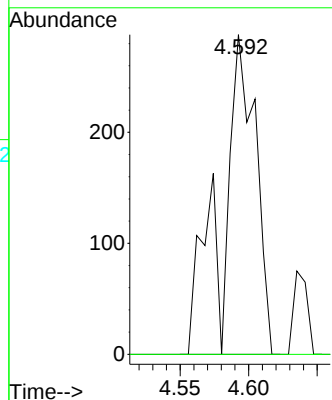
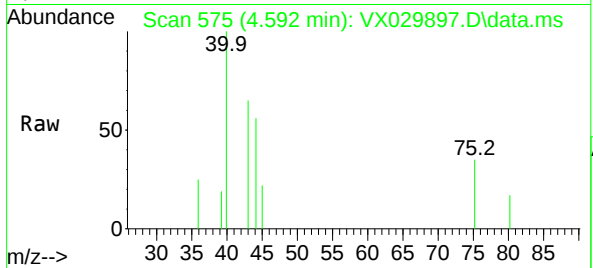




#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

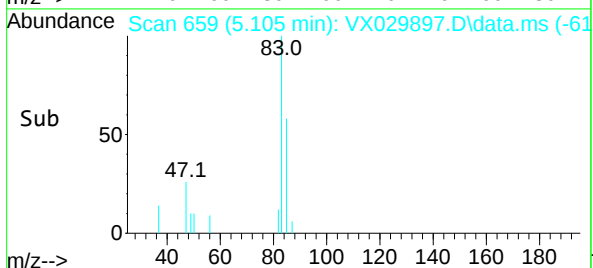
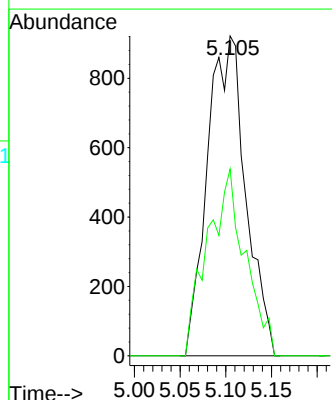
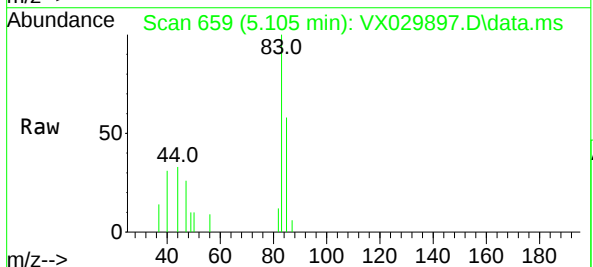
Instrument :
MSVOA_X
ClientSampleId :
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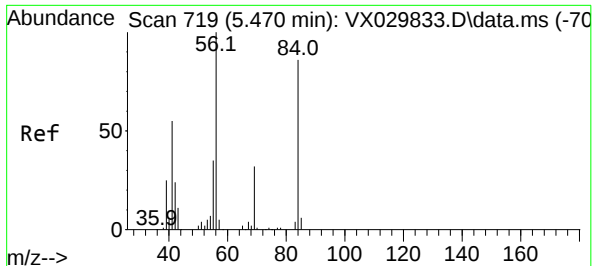
Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#30
Chloroform
Concen: 0.595 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

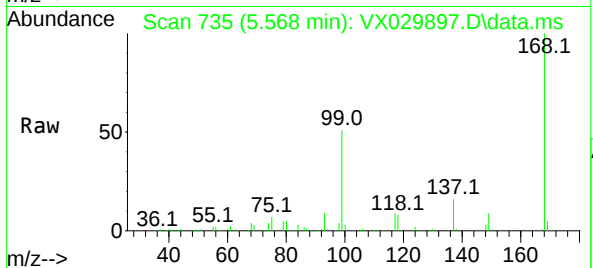
Tgt Ion: 83 Resp: 2689
Ion Ratio Lower Upper
83 100
85 58.5 51.5 77.3



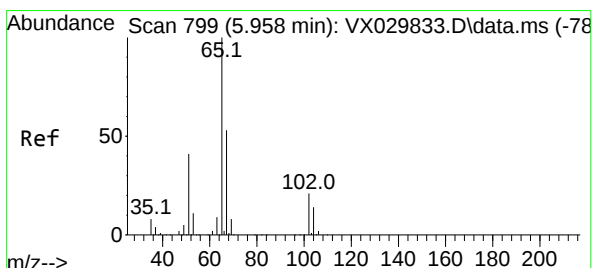
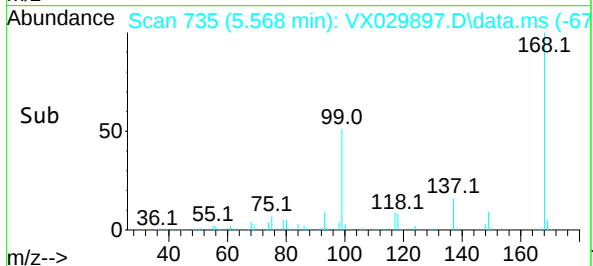
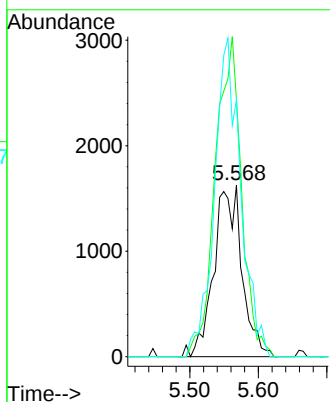


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.097 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

Instrument :
MSVOA_X
ClientSampleId :
MW-24

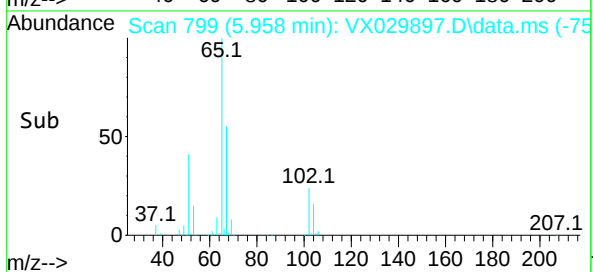
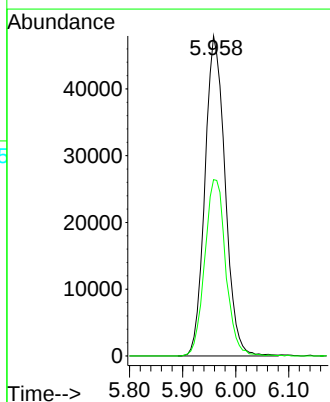
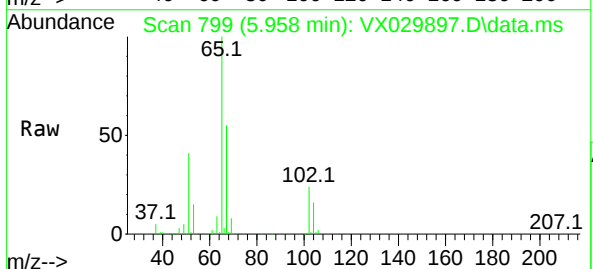


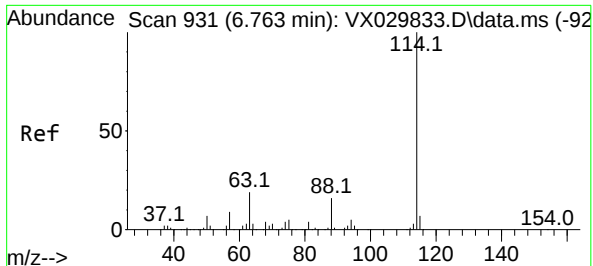
Tgt Ion: 56 Resp: 4588
Ion Ratio Lower Upper
56 100
69 150.1 25.4 38.0#
84 149.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.939 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

Tgt Ion: 65 Resp: 126653
Ion Ratio Lower Upper
65 100
67 57.3 0.0 109.6

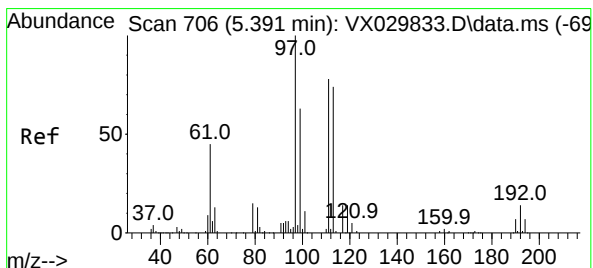
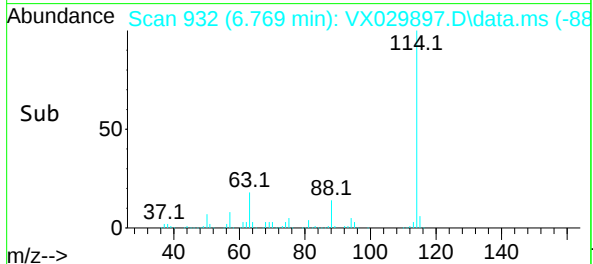
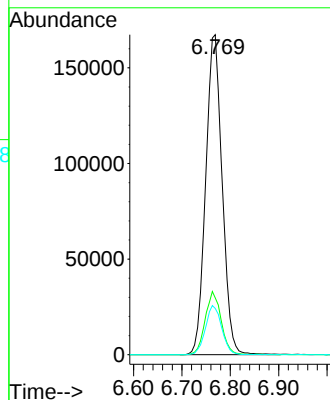
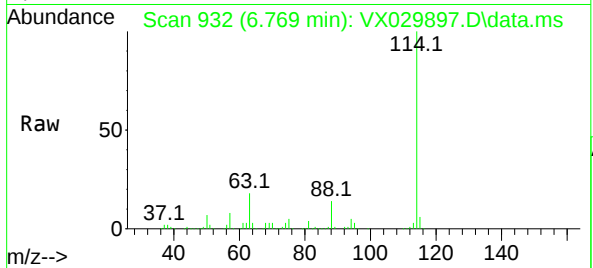




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

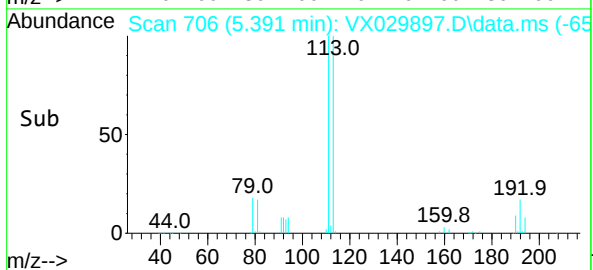
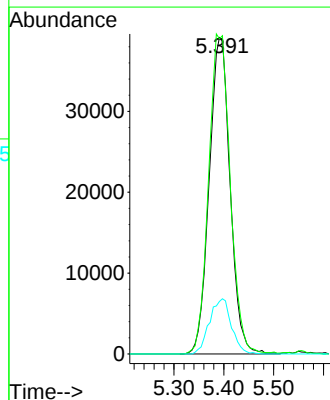
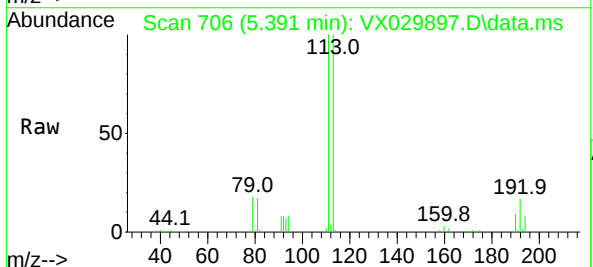
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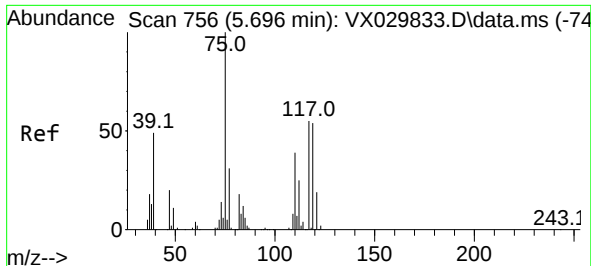
Tgt Ion:114 Resp: 396225
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.017 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

Tgt Ion:113 Resp: 113947
Ion Ratio Lower Upper
113 100
111 104.2 83.2 124.8
192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.285 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX029897.D

Acq: 30 Jun 2022 06:23

Instrument :

MSVOA_X

ClientSampleId :

MW-24

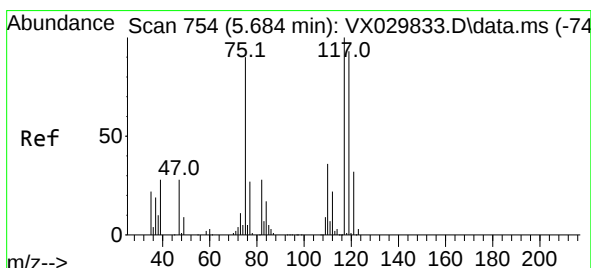
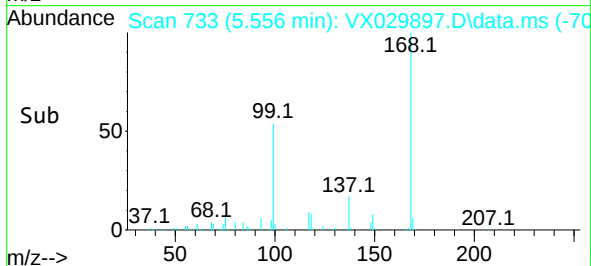
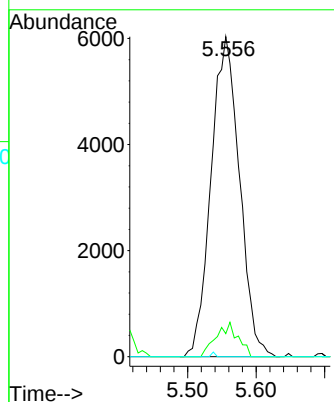
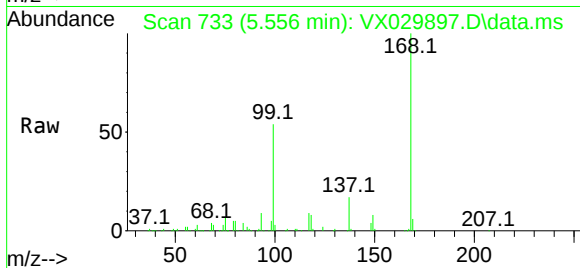
Tgt Ion: 75 Resp: 17407

Ion Ratio Lower Upper

75 100

110 8.2 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.424 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029897.D

Acq: 30 Jun 2022 06:23

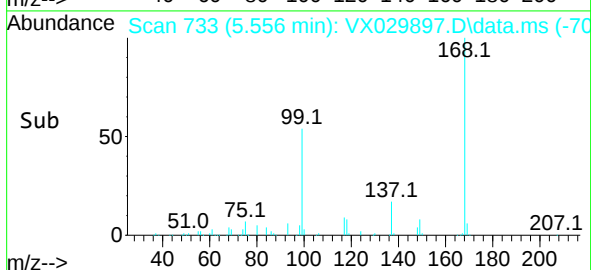
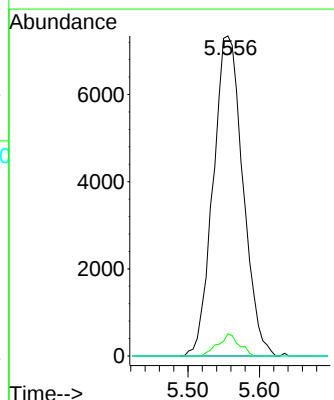
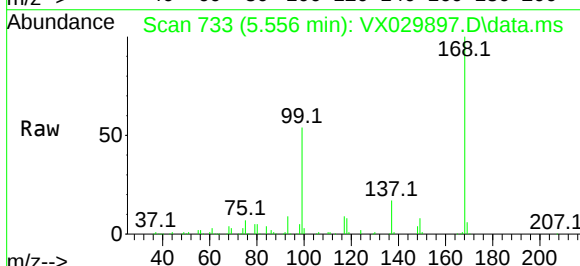
Tgt Ion: 117 Resp: 21185

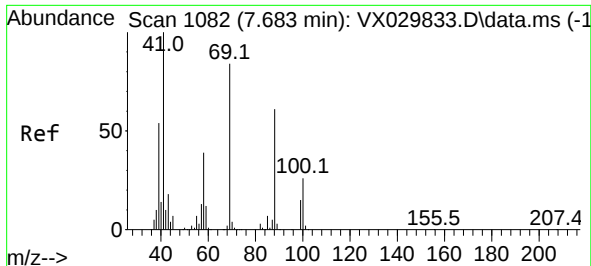
Ion Ratio Lower Upper

117 100

119 6.9 74.1 111.1#

121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.263 ug/l

RT: 7.781 min Scan# 1098

Delta R.T. 0.097 min

Lab File: VX029897.D

Acq: 30 Jun 2022 06:23

Instrument :

MSVOA_X

ClientSampleId :

MW-24

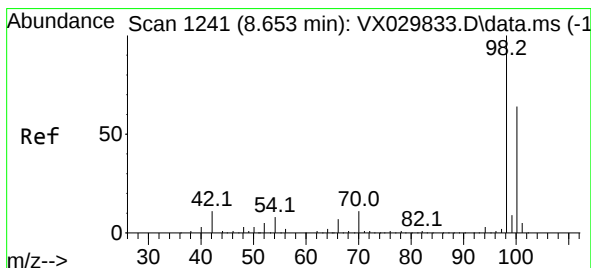
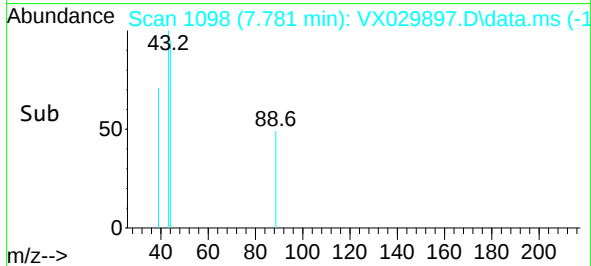
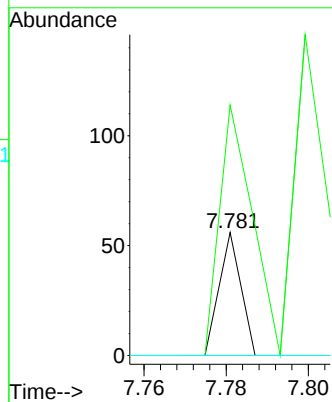
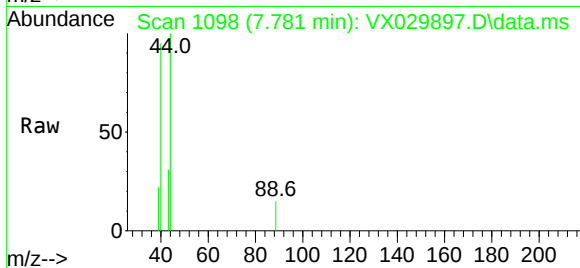
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 315.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 48.362 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029897.D

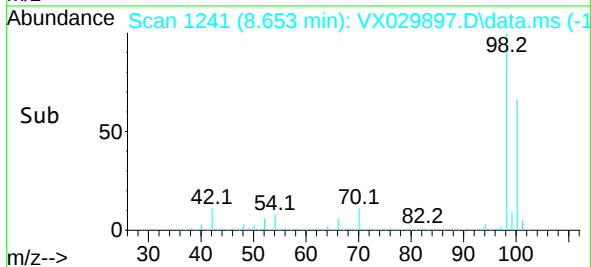
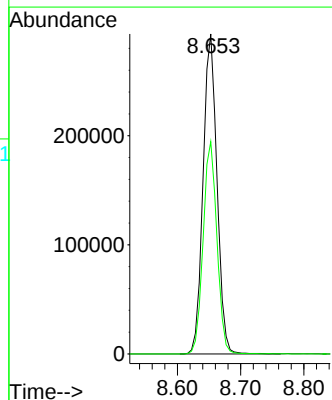
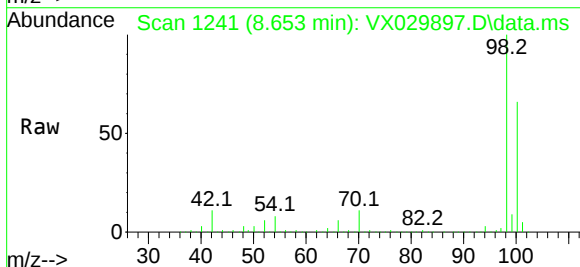
Acq: 30 Jun 2022 06:23

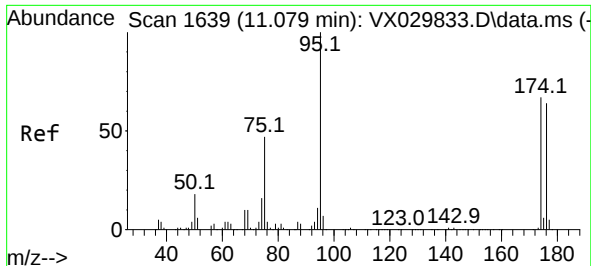
Tgt Ion: 98 Resp: 449258

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

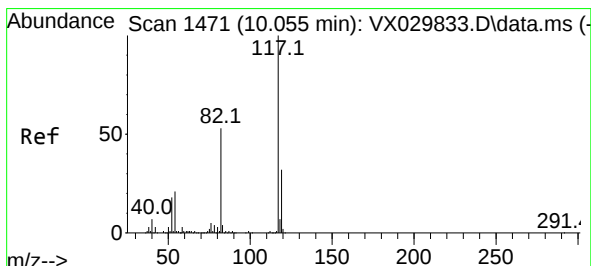
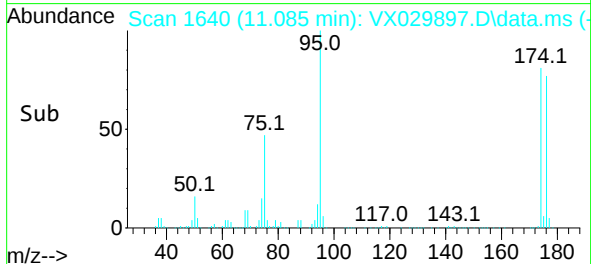
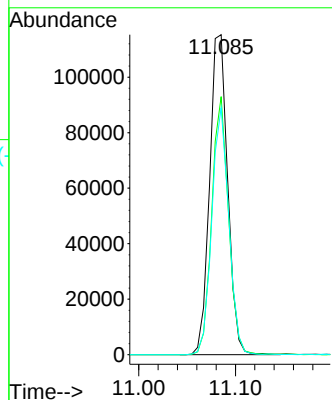
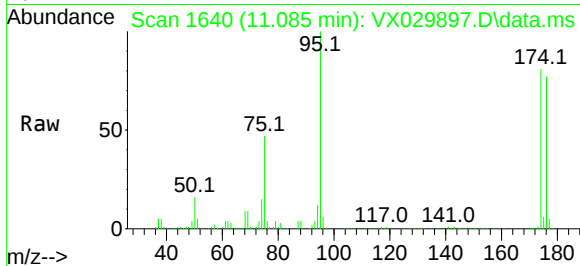




#62
4-Bromofluorobenzene
Concen: 45.595 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

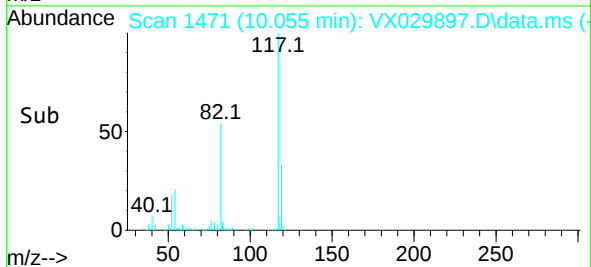
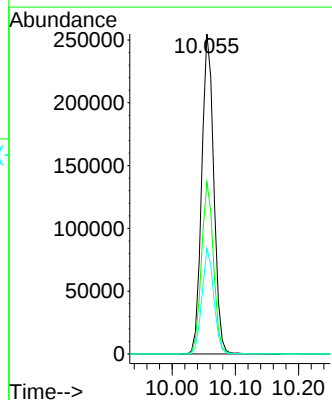
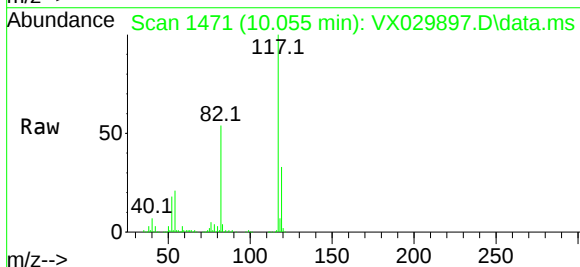
Instrument :
MSVOA_X
ClientSampleId :
MW-24

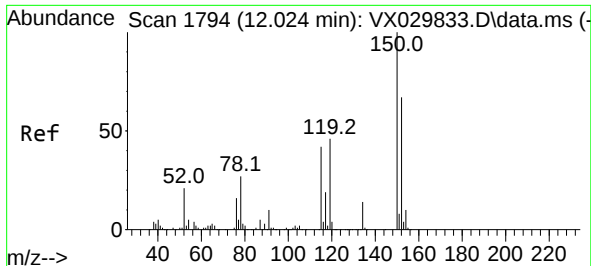
Tgt Ion: 95 Resp: 149720
Ion Ratio Lower Upper
95 100
174 74.7 0.0 149.0
176 72.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

Tgt Ion: 117 Resp: 338995
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 32.9 25.4 38.2

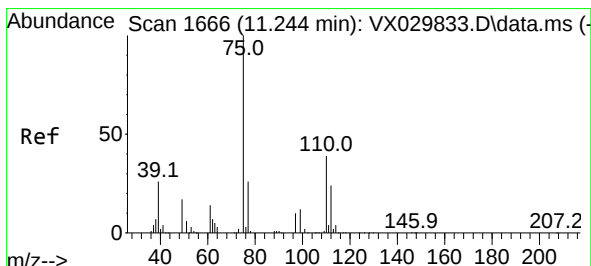
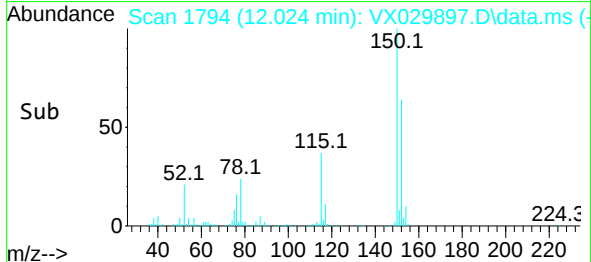
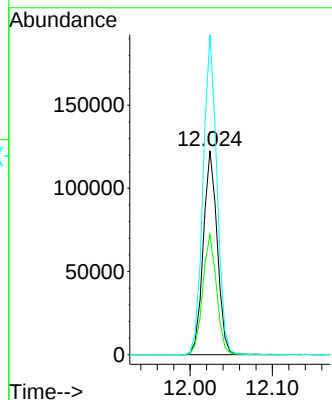
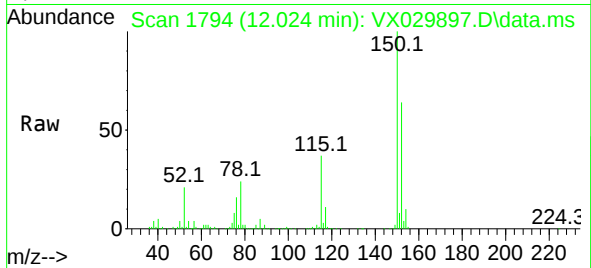




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

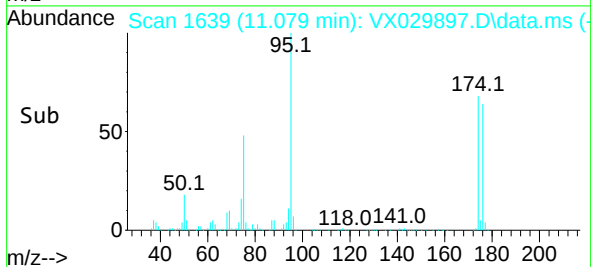
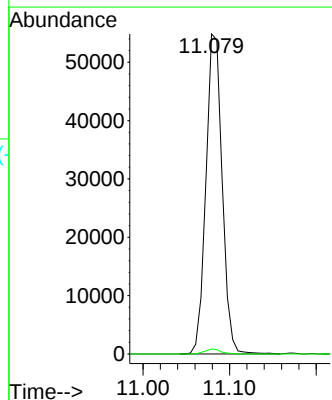
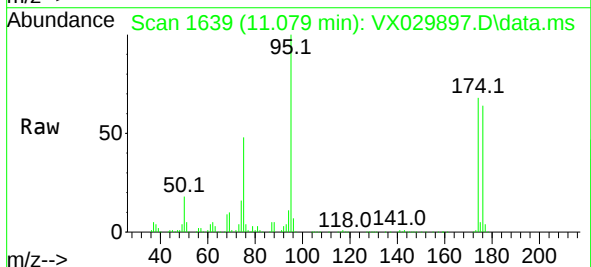
Instrument :
MSVOA_X
ClientSampleId :
MW-24

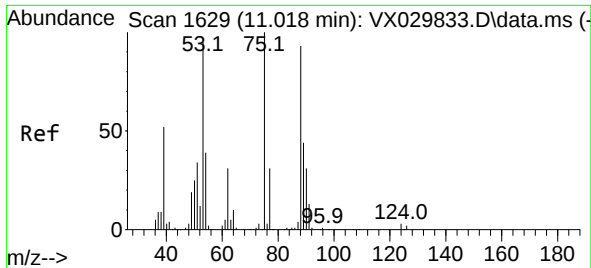
Tgt Ion:152 Resp: 145078
Ion Ratio Lower Upper
152 100
115 58.2 40.5 121.5
150 154.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 20.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029897.D
Acq: 30 Jun 2022 06:23

Tgt Ion: 75 Resp: 71412
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.301 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029897.D
 Acq: 30 Jun 2022 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Tgt Ion: 75 Resp: 71412
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

