

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029892.D
 Acq On : 30 Jun 2022 04:27
 Operator : JC/MD
 Sample : N3481-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30D

Quant Time: Jun 30 06:28:22 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)

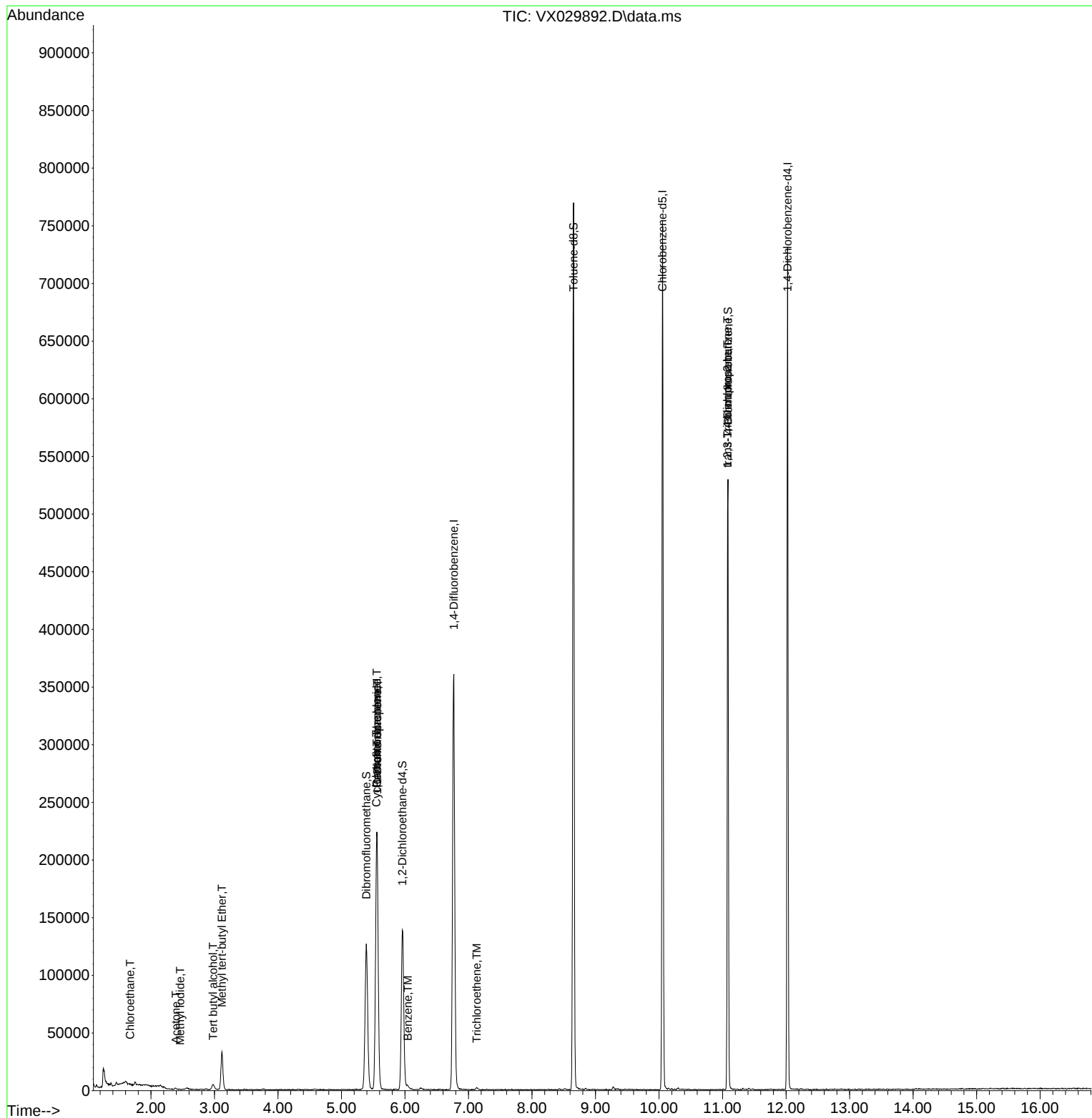
Internal Standards						
1) Pentafluorobenzene	5.556	168	223160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	385353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125101	44.286	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.580%
35) Dibromofluoromethane	5.391	113	111402	46.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.653	98	447693	49.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.085	95	147212	46.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.200%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	912	1.523	ug/l #	84
10) Methyl Iodide	2.459	142	194	1.934	ug/l #	61
11) Tert butyl alcohol	2.977	59	6934	9.386	ug/l	98
13) Acrolein	2.258	56	50	Below Cal	#	14
16) Acetone	2.392	43	1429	1.034	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	34810	4.486	ug/l	94
31) Cyclohexane	5.550	56	4414	1.121	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16575	5.175	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20472	7.376	ug/l #	18
40) Benzene	6.043	78	3624	0.350	ug/l	94
44) Trichloroethene	7.129	130	806	0.289	ug/l	54
76) 1,2,3-Trichloropropane	11.079	75	70671	20.448	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70671	64.938	ug/l #	12

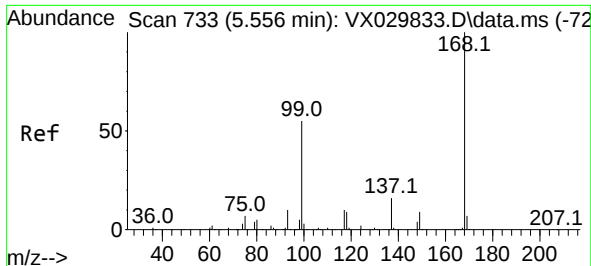
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
Data File : VX029892.D
Acq On : 30 Jun 2022 04:27
Operator : JC/MD
Sample : N3481-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-30D

Quant Time: Jun 30 06:28:22 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

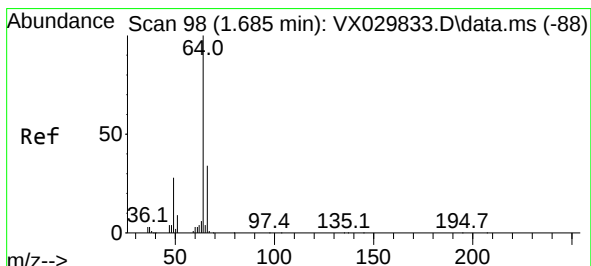
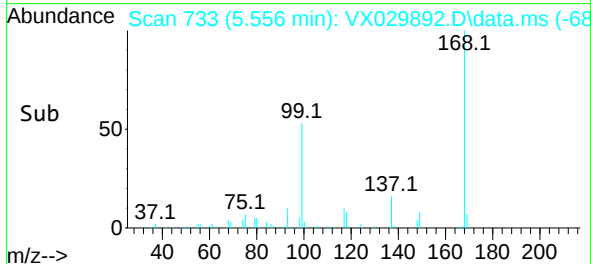
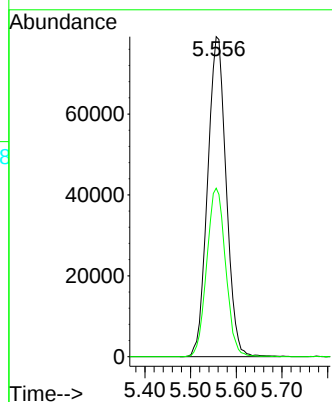
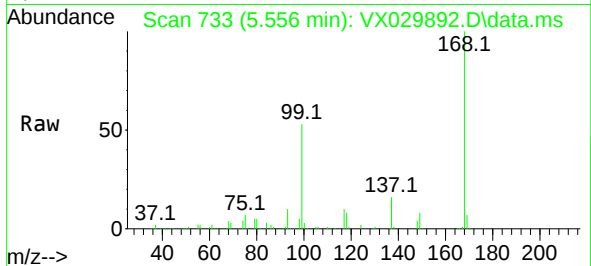




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

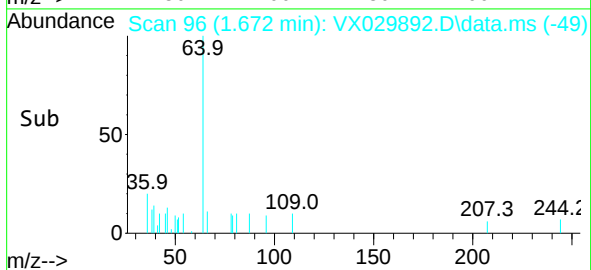
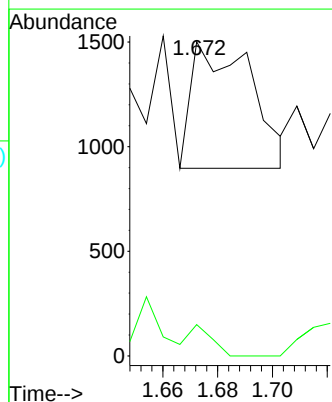
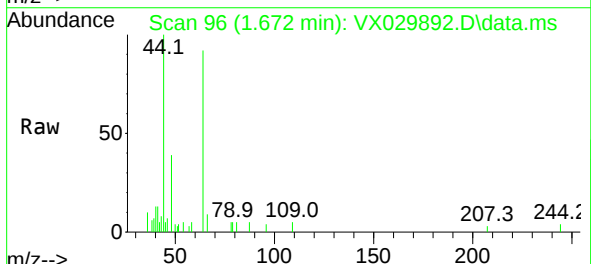
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

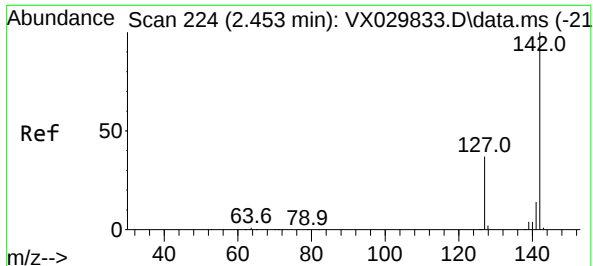
Tgt Ion:168 Resp: 223160
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#6
Chloroethane
Concen: 1.523 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 64 Resp: 912
Ion Ratio Lower Upper
64 100
66 24.8 27.2 40.8#

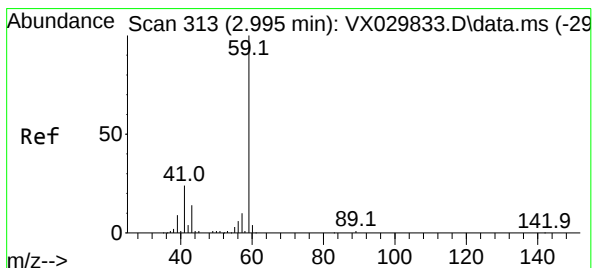
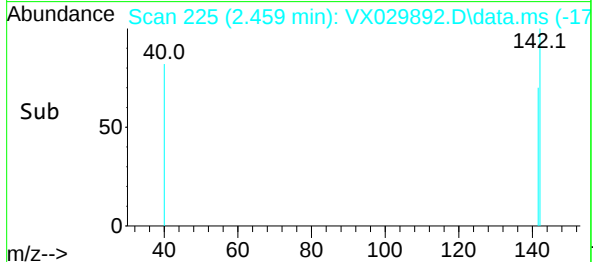
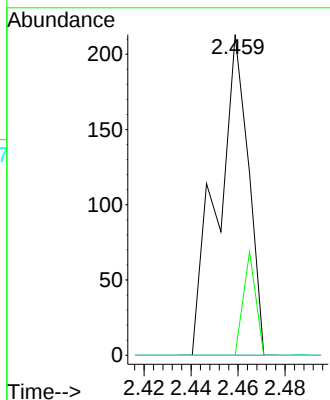
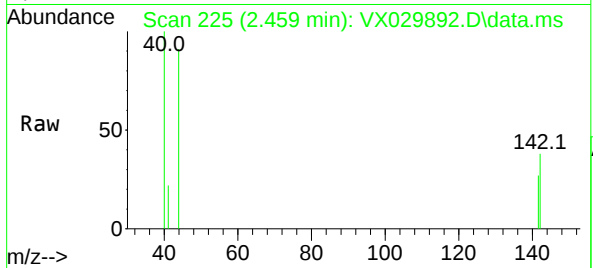




#10
Methyl Iodide
Concen: 1.934 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

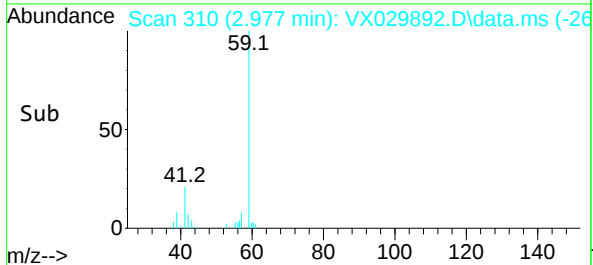
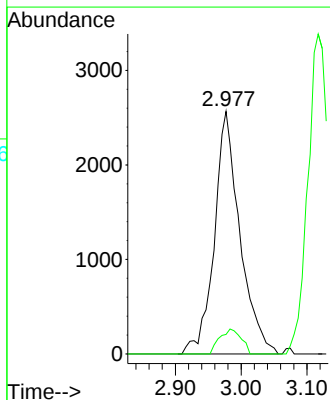
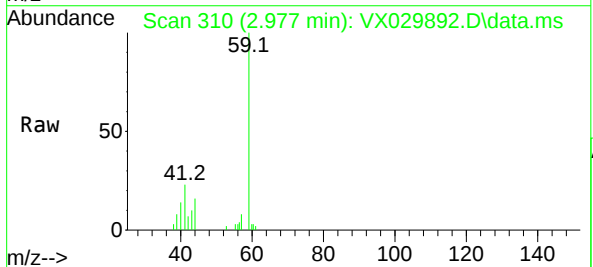
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

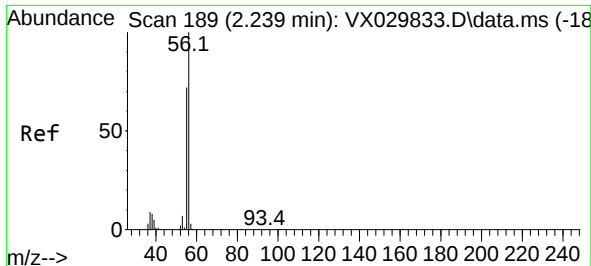
Tgt Ion:142 Resp: 194
Ion Ratio Lower Upper
142 100
127 12.9 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 9.386 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 59 Resp: 6934
Ion Ratio Lower Upper
59 100
57 8.6 7.4 11.2

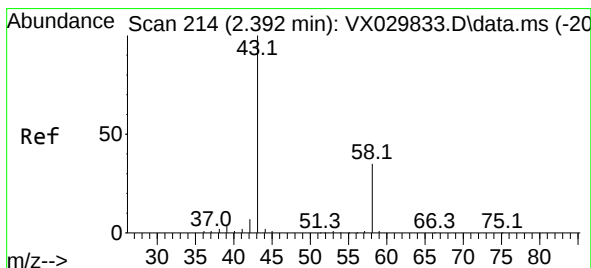
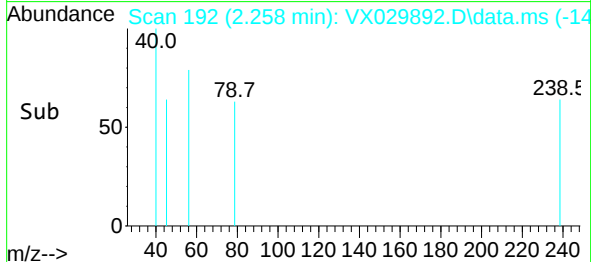
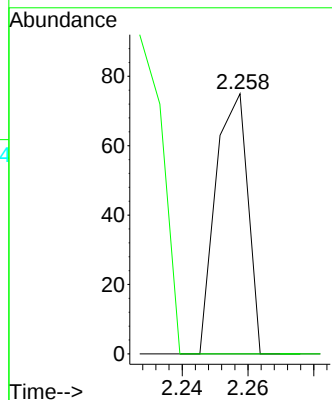
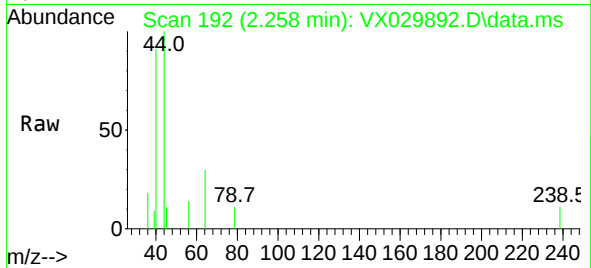




#13
Acrolein
Concen: Below Cal
RT: 2.258 min Scan# 19
Delta R.T. 0.019 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

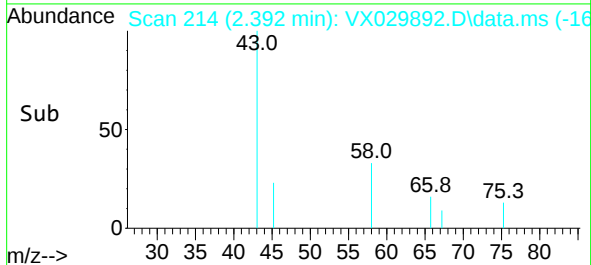
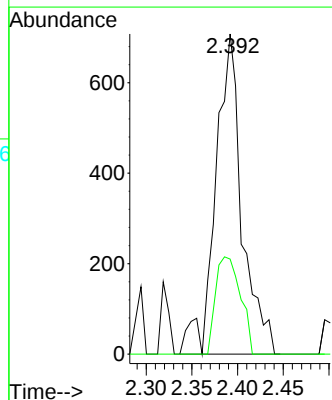
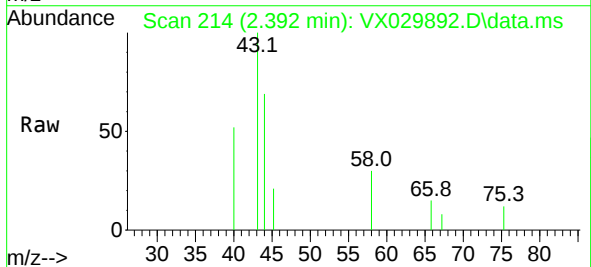
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

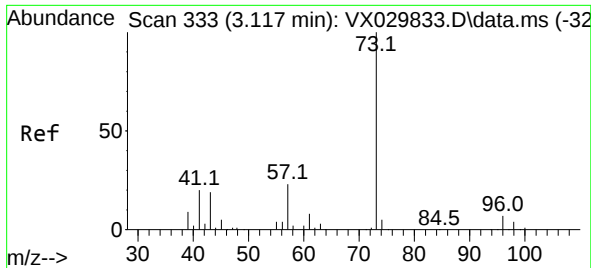
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.034 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 29.7 27.7 41.5

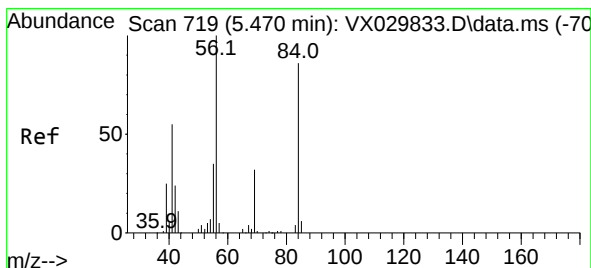
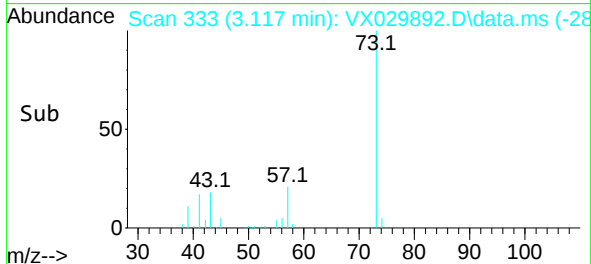
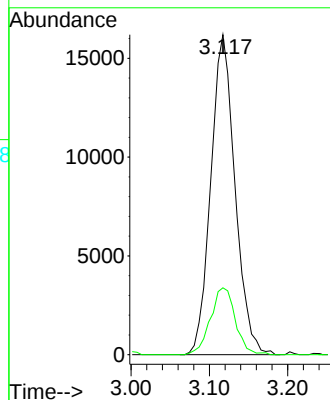
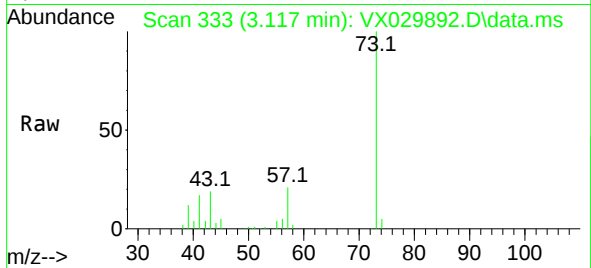




#19
Methyl tert-butyl Ether
Concen: 4.486 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

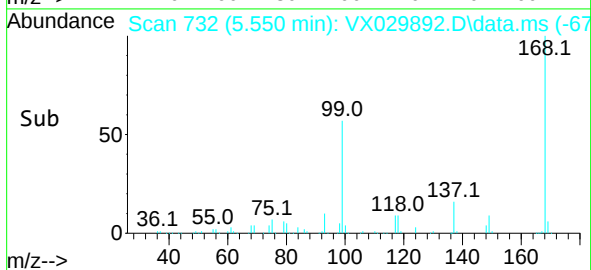
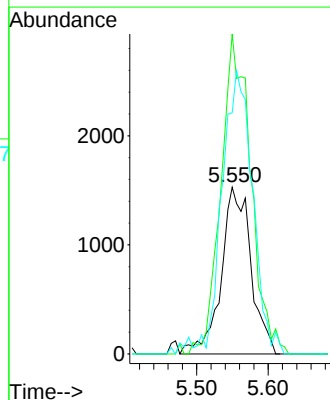
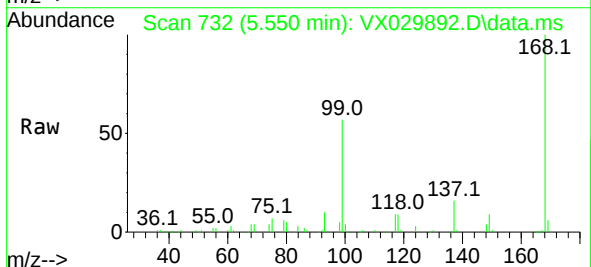
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

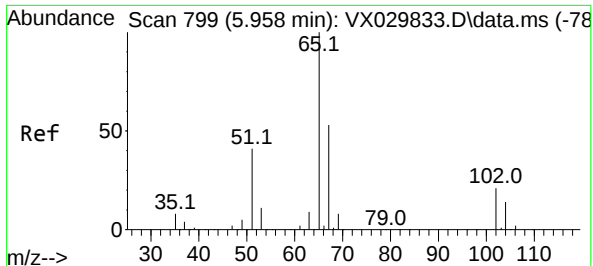
Tgt Ion: 73 Resp: 34810
Ion Ratio Lower Upper
73 100
57 20.9 19.0 28.6



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 56 Resp: 4414
Ion Ratio Lower Upper
56 100
69 186.5 25.4 38.0#
84 138.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 44.286 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029892.D

Acq: 30 Jun 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

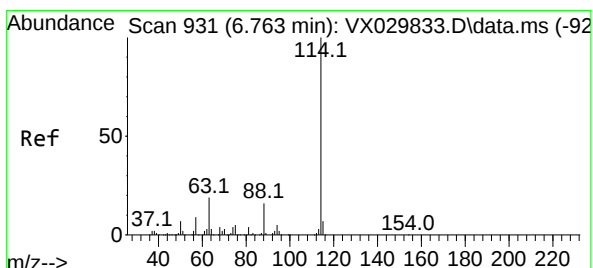
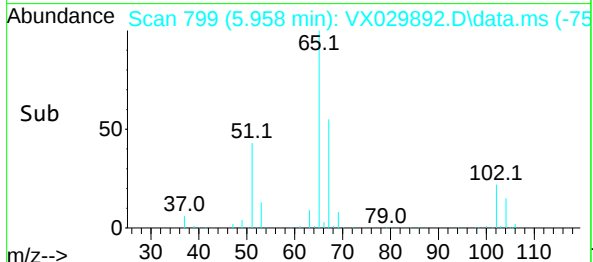
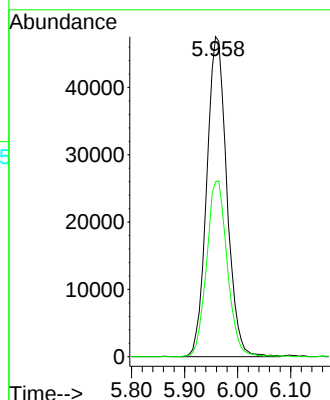
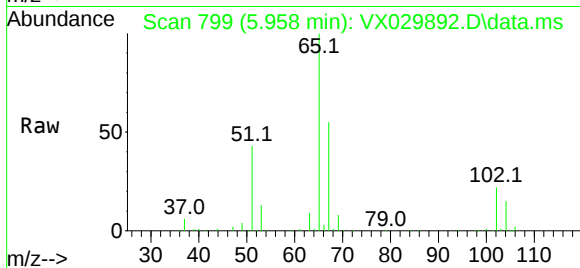
MW-30D

Tgt Ion: 65 Resp: 125101

Ion Ratio Lower Upper

65 100

67 56.6 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: VX029892.D

Acq: 30 Jun 2022 04:27

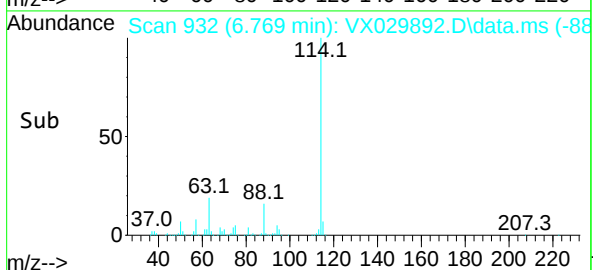
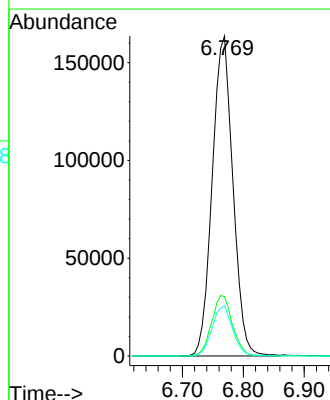
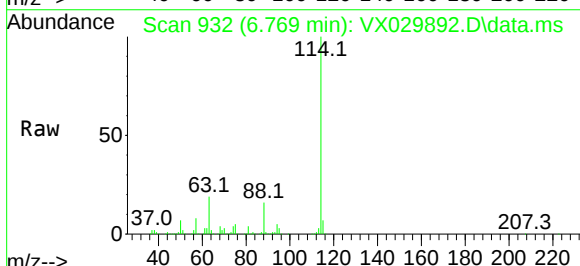
Tgt Ion: 114 Resp: 385353

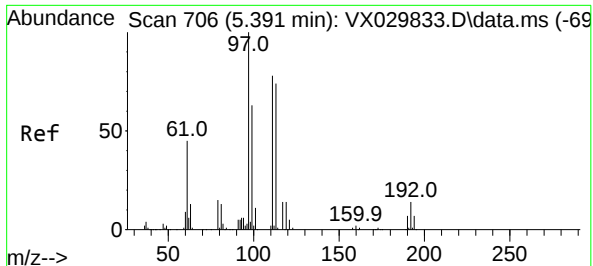
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.258 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029892.D

Acq: 30 Jun 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

MW-30D

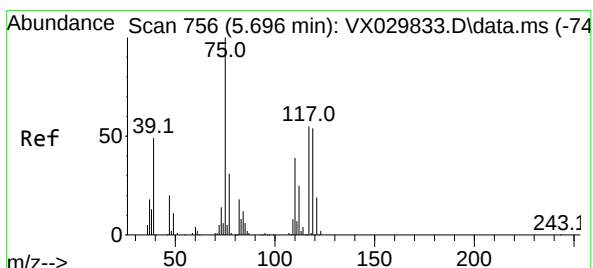
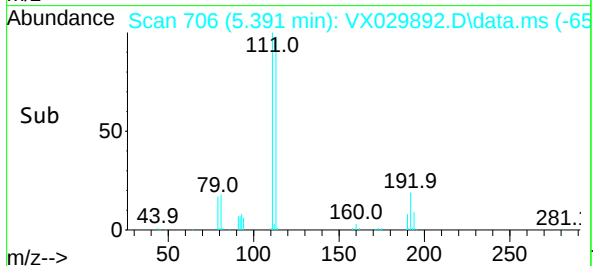
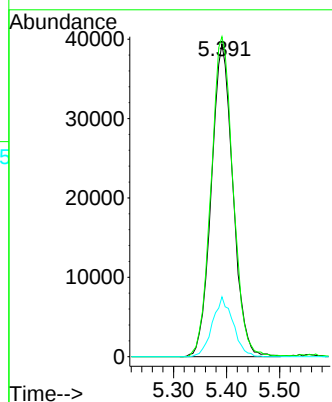
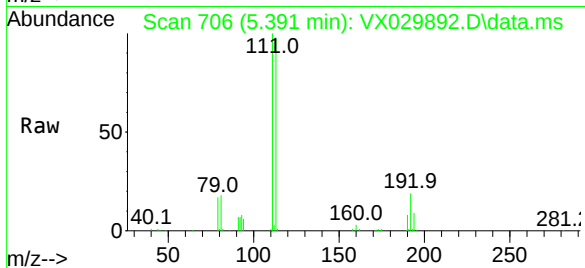
Tgt Ion:113 Resp: 111402

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029892.D

Acq: 30 Jun 2022 04:27

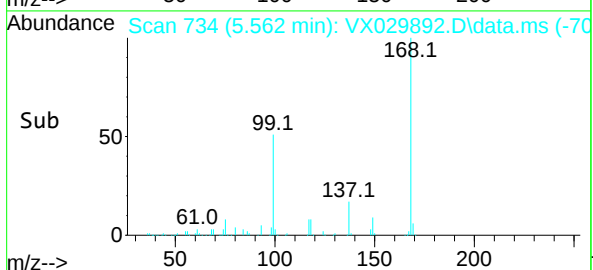
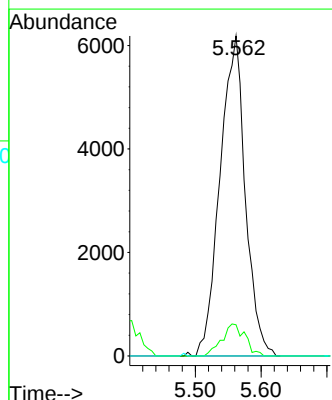
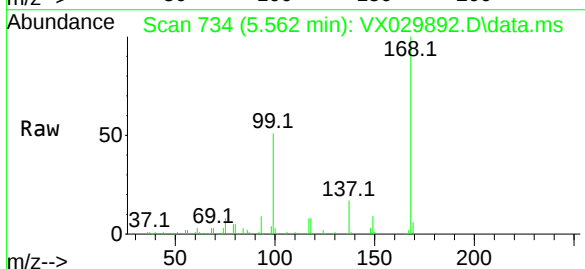
Tgt Ion: 75 Resp: 16575

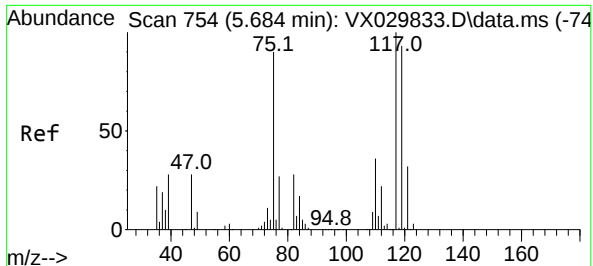
Ion Ratio Lower Upper

75 100

110 9.2 19.3 57.9#

77 0.0 24.4 36.6#

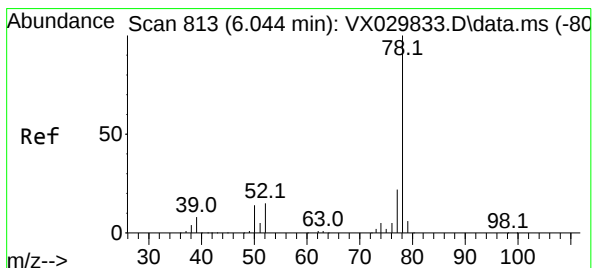
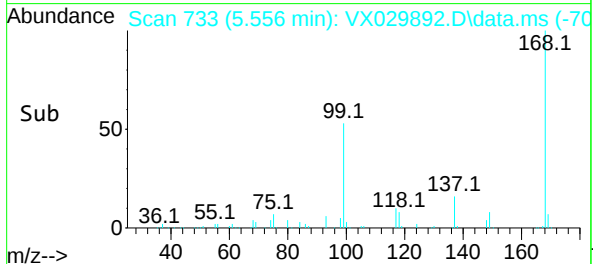
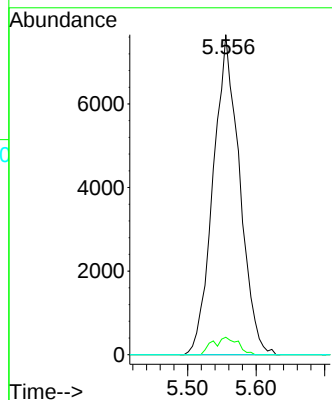
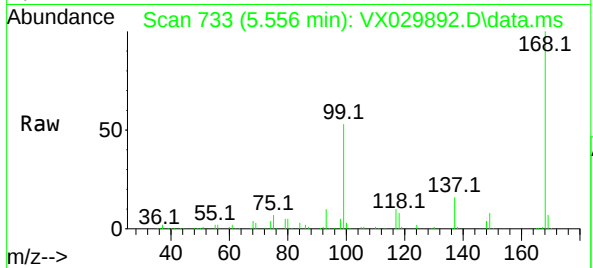




#38
Carbon Tetrachloride
Concen: 7.376 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

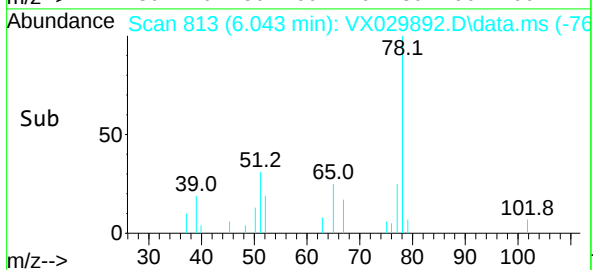
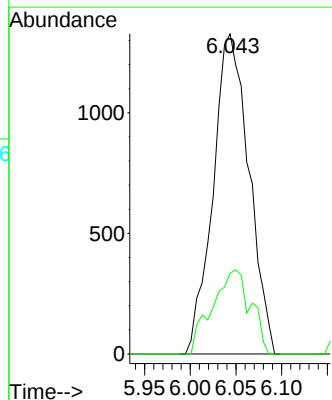
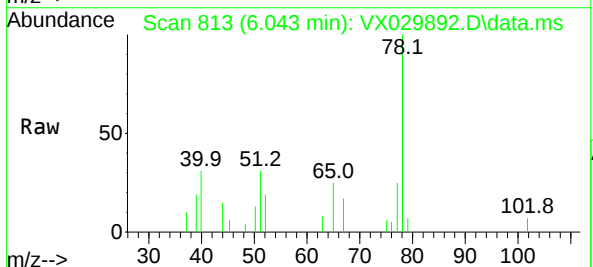
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

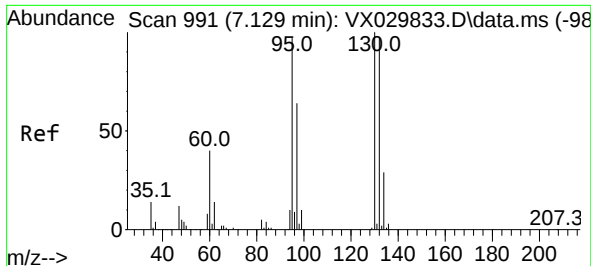
Tgt Ion:117 Resp: 20472
Ion Ratio Lower Upper
117 100
119 5.5 74.1 111.1#
121 0.0 25.8 38.8#



#40
Benzene
Concen: 0.350 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 78 Resp: 3624
Ion Ratio Lower Upper
78 100
77 25.2 18.0 27.0

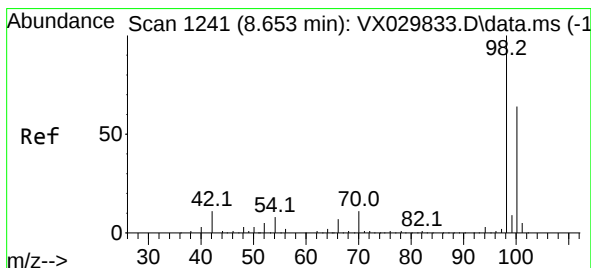
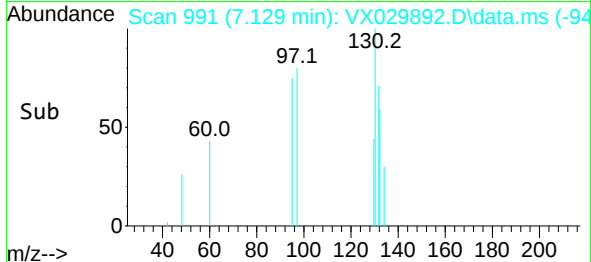
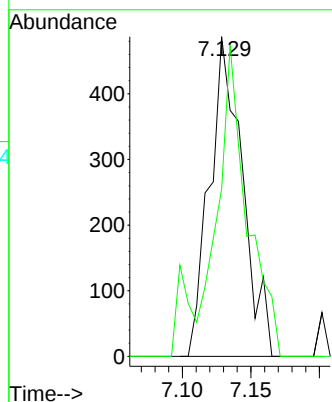
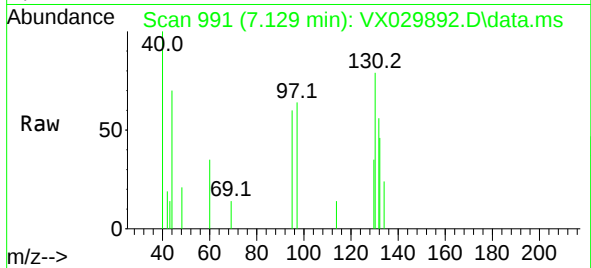




#44
 Trichloroethene
 Concen: 0.289 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029892.D
 Acq: 30 Jun 2022 04:27

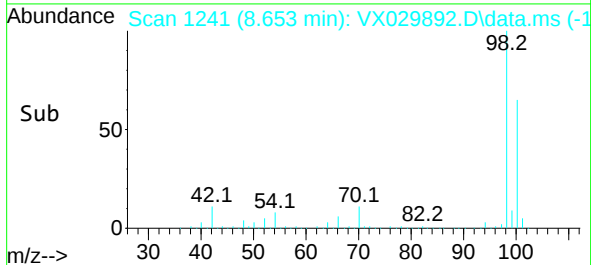
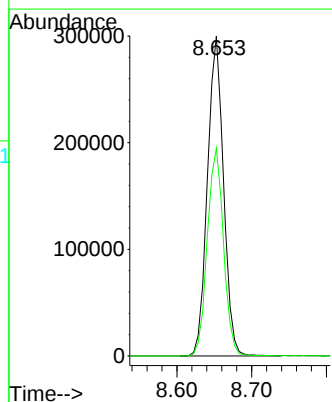
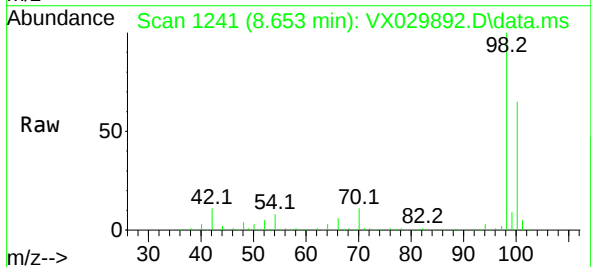
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30D

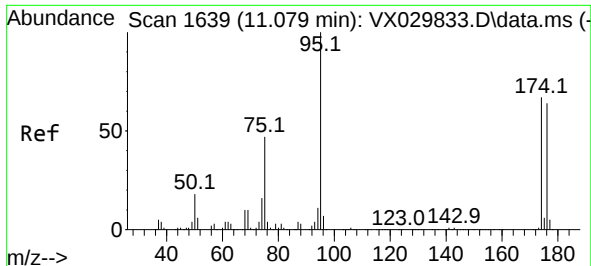
Tgt Ion:130 Resp: 806
 Ion Ratio Lower Upper
 130 100
 95 52.4 0.0 194.8



#50
 Toluene-d8
 Concen: 49.554 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029892.D
 Acq: 30 Jun 2022 04:27

Tgt Ion: 98 Resp: 447693
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 46.096 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029892.D

Acq: 30 Jun 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

MW-30D

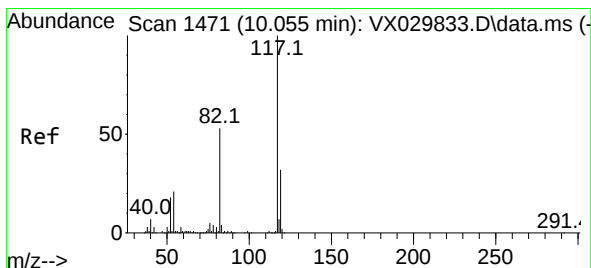
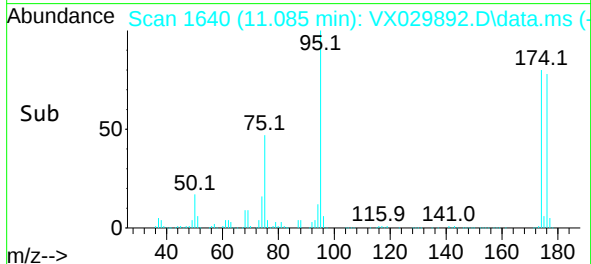
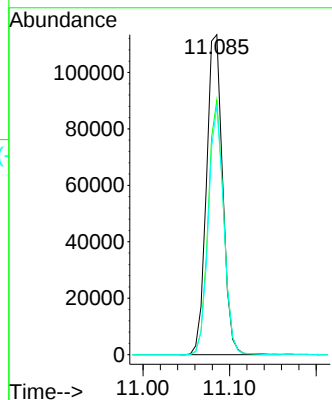
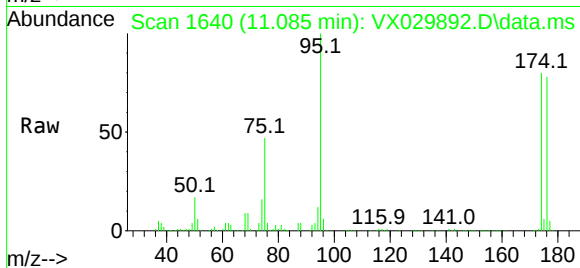
Tgt Ion: 95 Resp: 147212

Ion Ratio Lower Upper

95 100

174 76.0 0.0 149.0

176 73.6 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: VX029892.D

Acq: 30 Jun 2022 04:27

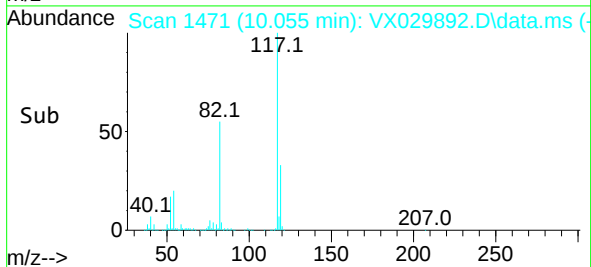
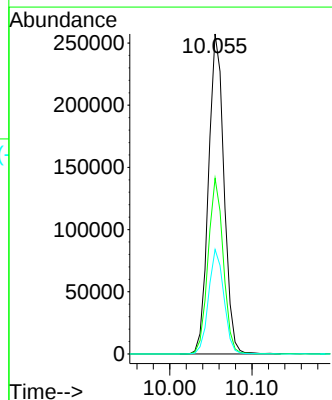
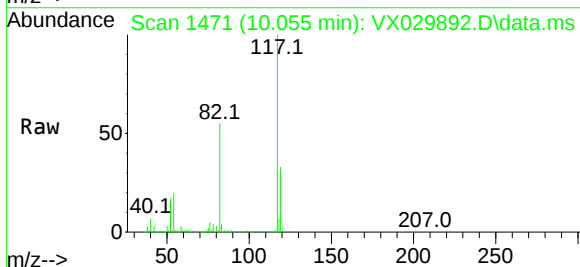
Tgt Ion: 117 Resp: 336594

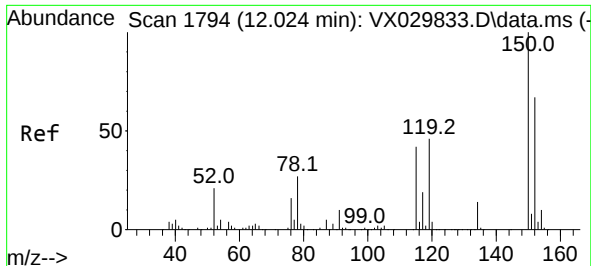
Ion Ratio Lower Upper

117 100

82 54.9 42.7 64.1

119 32.6 25.4 38.2

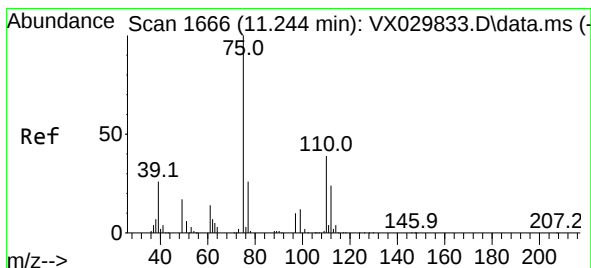
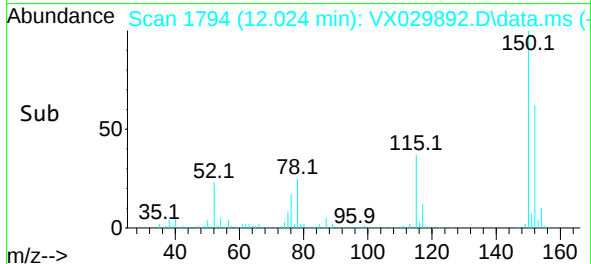
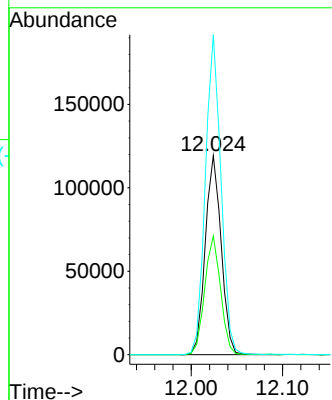
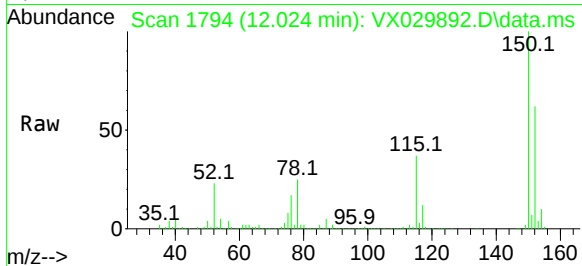




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

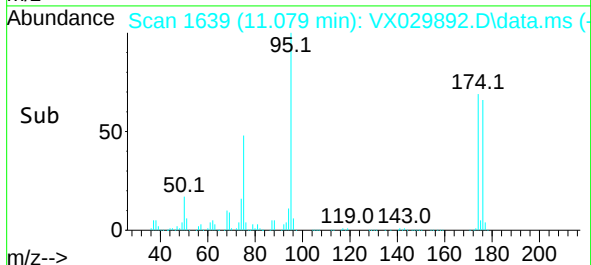
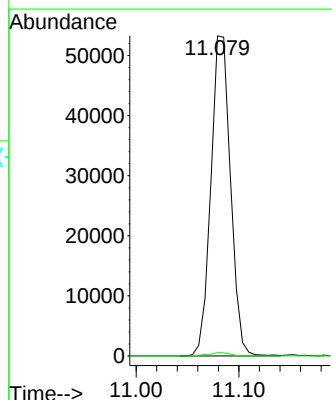
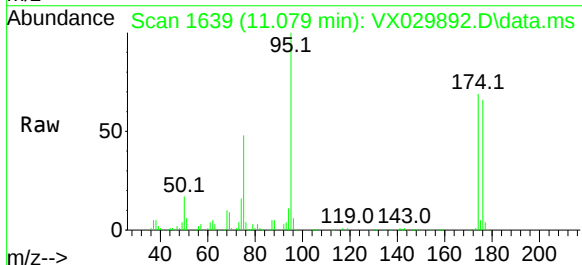
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

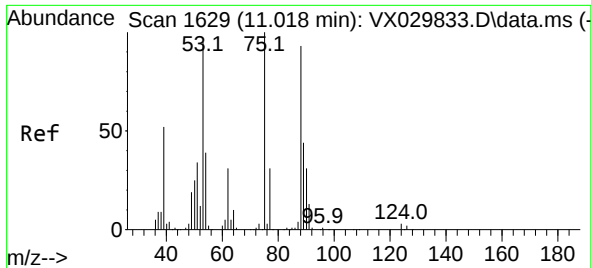
Tgt Ion:152 Resp: 144375
Ion Ratio Lower Upper
152 100
115 59.6 40.5 121.5
150 157.5 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 20.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 75 Resp: 70671
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.938 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029892.D
 Acq: 30 Jun 2022 04:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30D

Tgt Ion: 75 Resp: 70671
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

