

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029668.D
 Acq On : 21 Jun 2022 17:42
 Operator : JC/MD
 Sample : N3290-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Quant Time: Jun 22 01:12:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

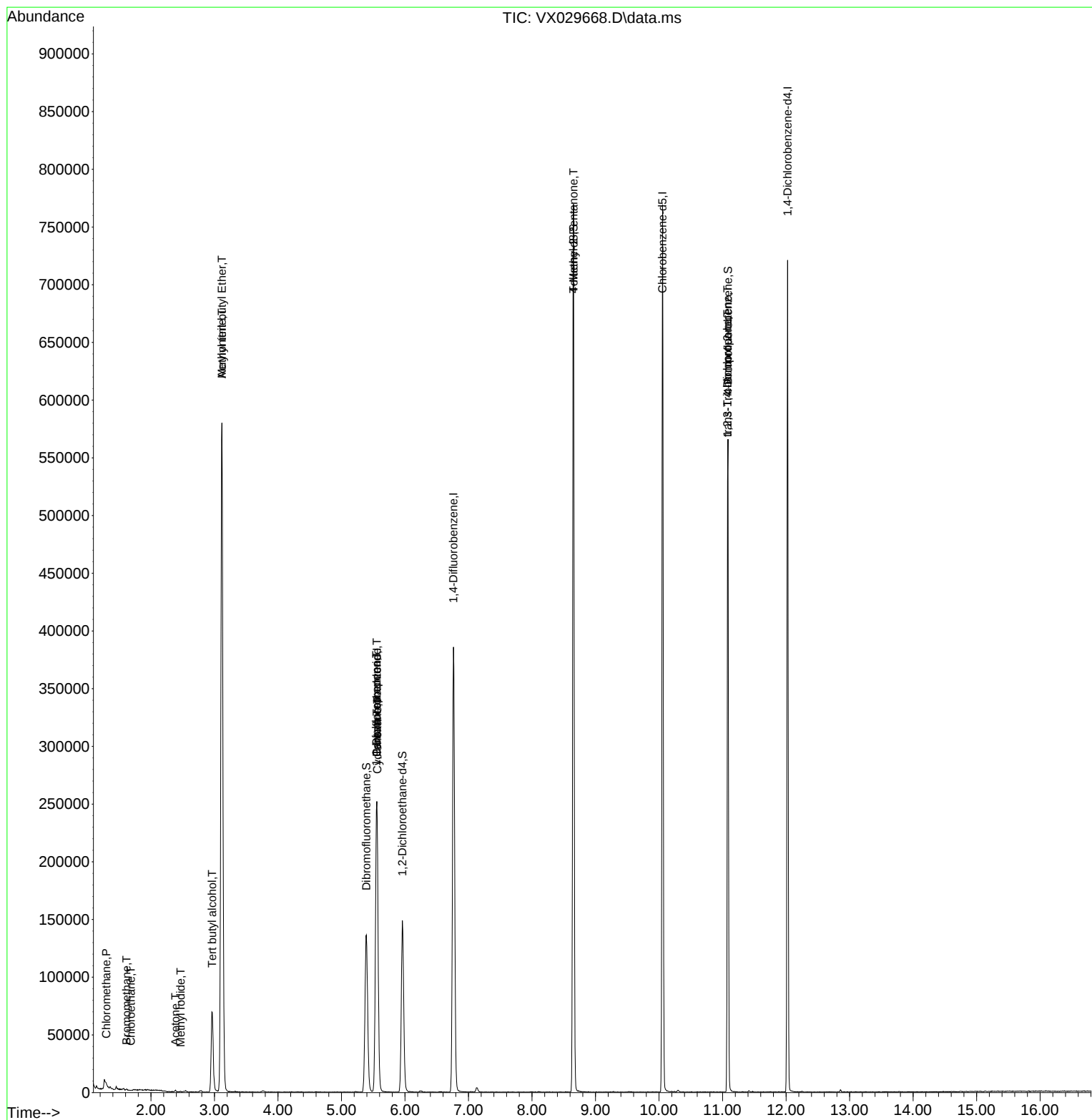
Internal Standards						
1) Pentafluorobenzene	5.556	168	246556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140249	42.972	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.940%
35) Dibromofluoromethane	5.391	113	123185	45.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.680%
50) Toluene-d8	8.653	98	471587	47.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.085	95	167219	44.672	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1026	0.319	ug/l	89
5) Bromomethane	1.617	94	480	0.318	ug/l	84
6) Chloroethane	1.685	64	142	1.352	ug/l #	43
10) Methyl Iodide	2.465	142	435	3.156	ug/l #	77
11) Tert butyl alcohol	2.965	59	89207	120.637	ug/l	99
15) Acrylonitrile	3.117	53	6421	4.206	ug/l #	28
16) Acetone	2.386	43	1435	1.103	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	684937	78.984	ug/l	99
31) Cyclohexane	5.562	56	4728	1.079	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	18221	4.955	ug/l #	49
38) Carbon Tetrachloride	5.556	117	25559	7.068	ug/l #	15
44) Trichloroethene	7.135	130	1881	Below Cal		97
51) 4-Methyl-2-Pentanone	8.653	43	1744	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	77523	23.429	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	77523	77.941	ug/l #	15

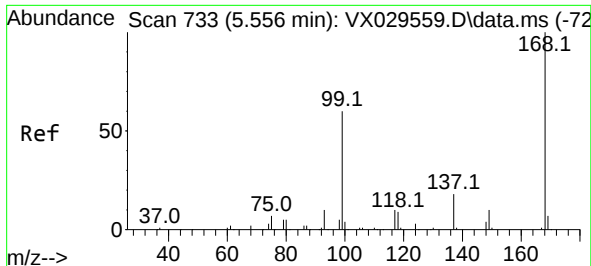
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
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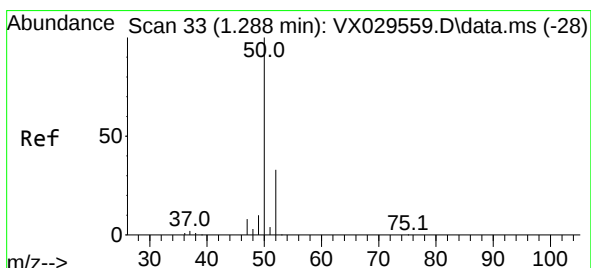
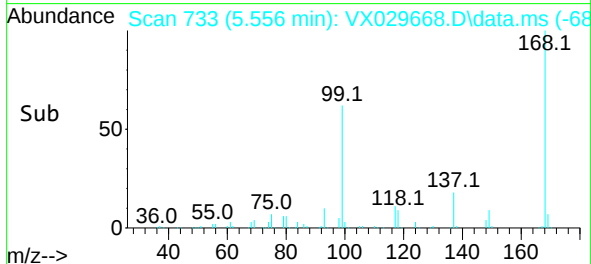
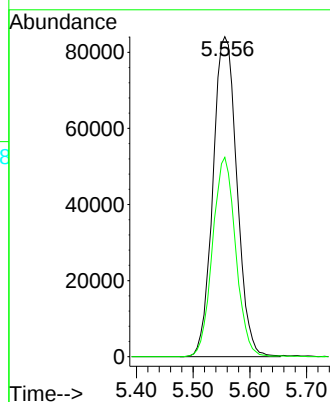
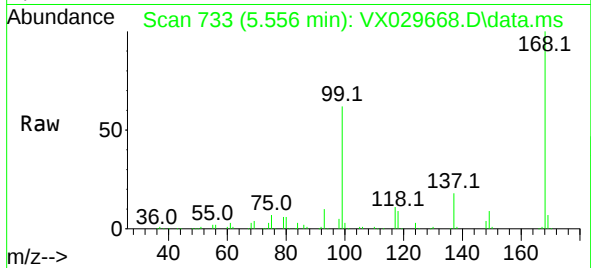




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

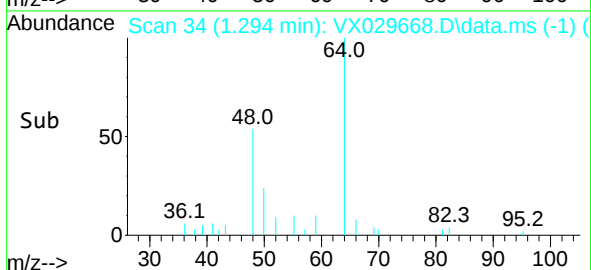
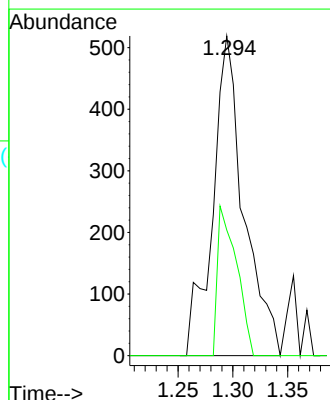
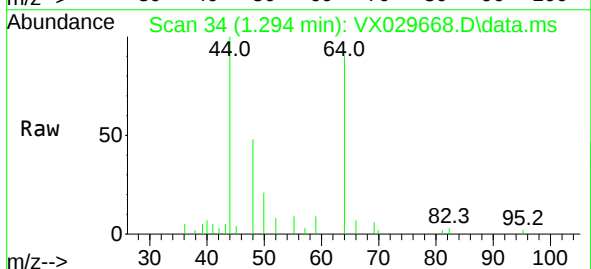
Instrument :
MSVOA_X
ClientSampleId :
MW-33

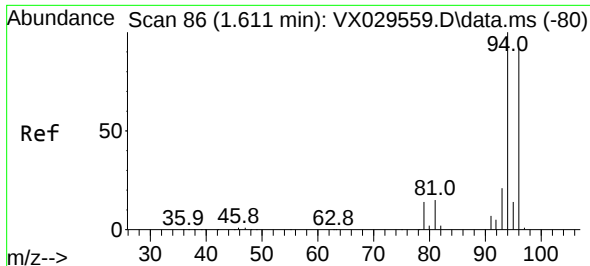
Tgt Ion:168 Resp: 246556
Ion Ratio Lower Upper
168 100
99 62.3 41.7 62.5



#3
Chloromethane
Concen: 0.319 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 50 Resp: 1026
Ion Ratio Lower Upper
50 100
52 39.3 26.4 39.6

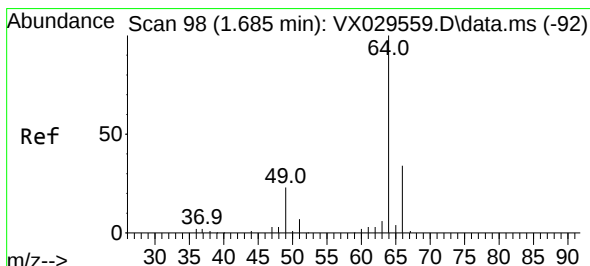
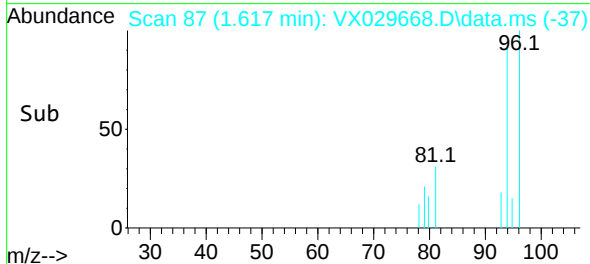
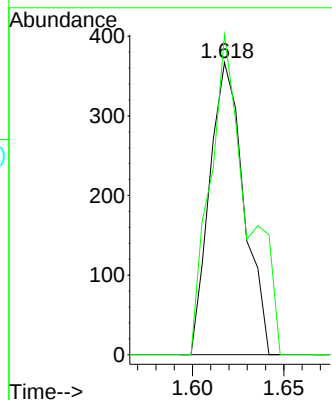
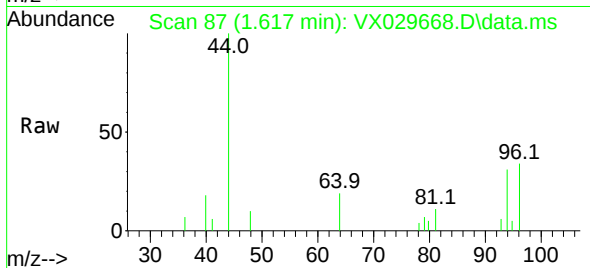




#5
Bromomethane
Concen: 0.318 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

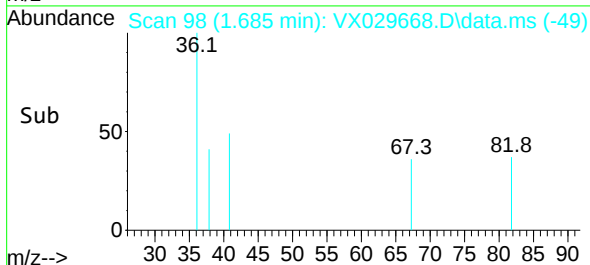
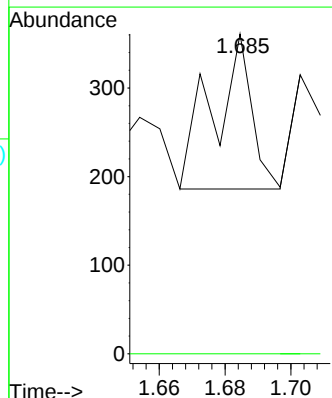
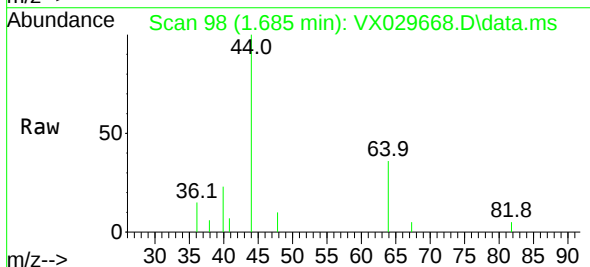
Instrument :
MSVOA_X
ClientSampleId :
MW-33

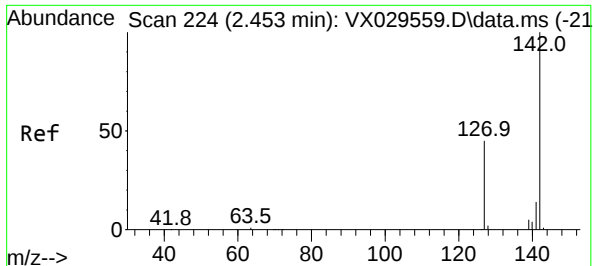
Tgt Ion: 94 Resp: 480
Ion Ratio Lower Upper
94 100
96 109.5 75.3 112.9



#6
Chloroethane
Concen: 1.352 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

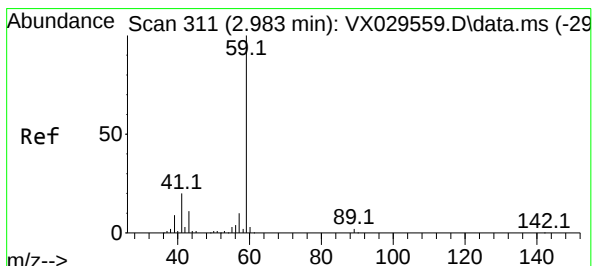
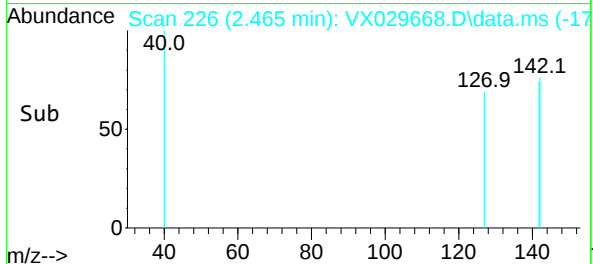
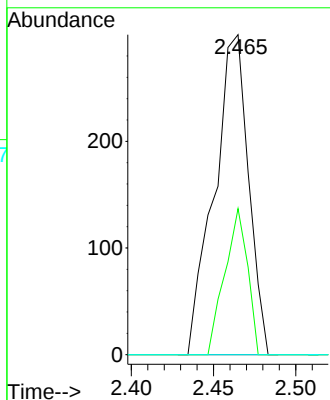
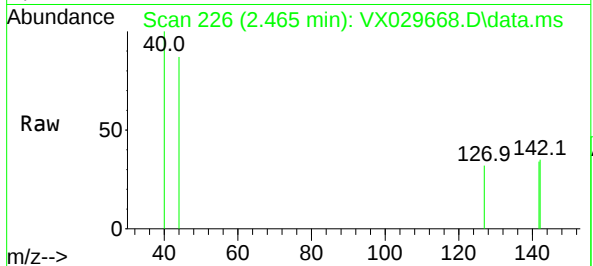




#10
Methyl Iodide
Concen: 3.156 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

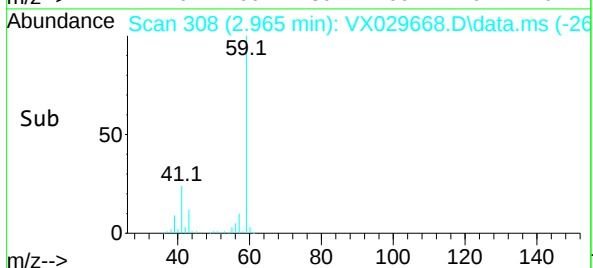
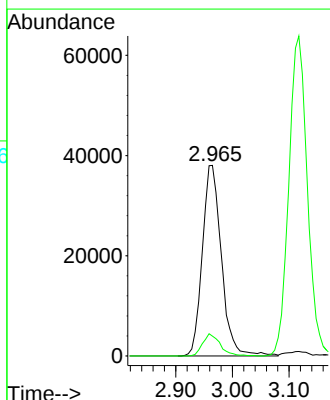
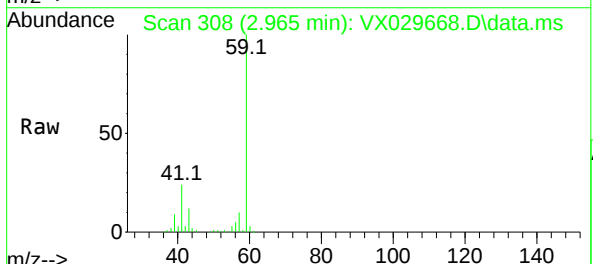
Instrument :
MSVOA_X
ClientSampleId :
MW-33

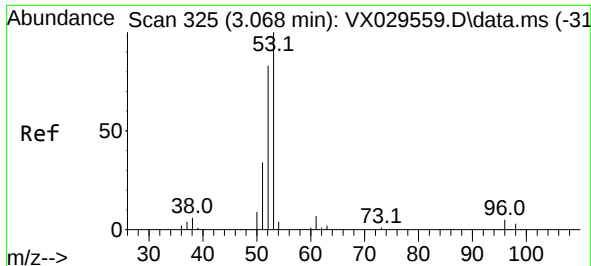
Tgt Ion:142 Resp: 435
Ion Ratio Lower Upper
142 100
127 30.1 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 120.637 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 59 Resp: 89207
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5





#15

Acrylonitrile

Concen: 4.206 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX029668.D

Acq: 21 Jun 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

MW-33

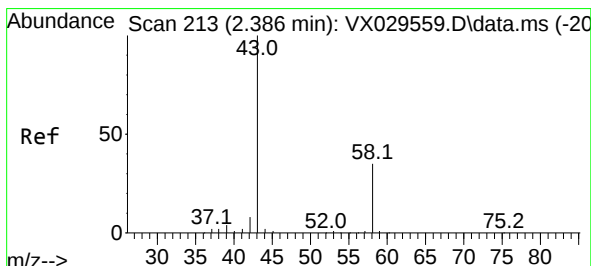
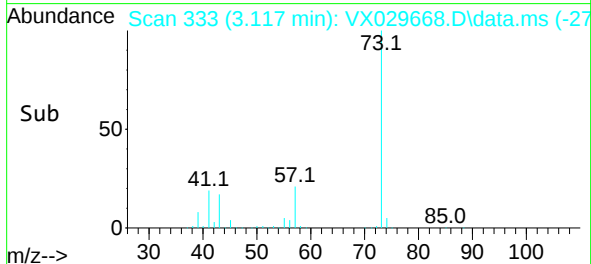
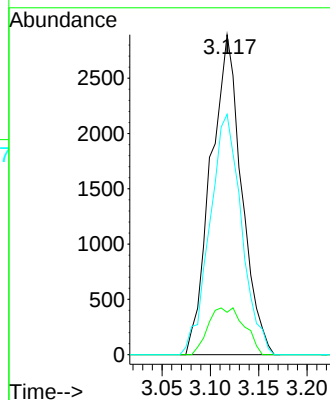
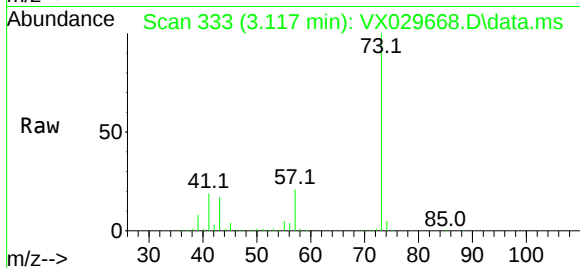
Tgt Ion: 53 Resp: 6421

Ion Ratio Lower Upper

53 100

52 17.1 65.7 98.5#

51 77.2 28.4 42.6#



#16

Acetone

Concen: 1.103 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029668.D

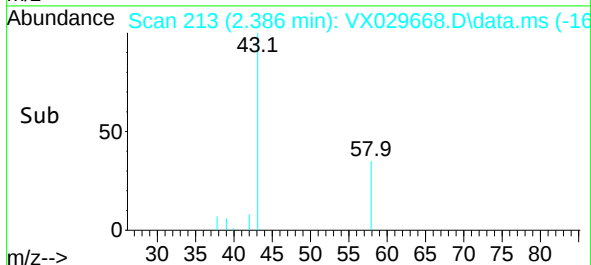
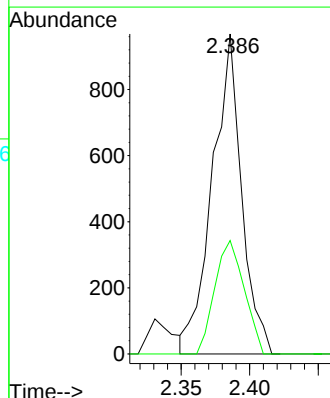
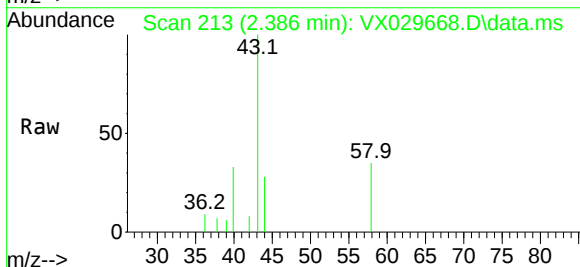
Acq: 21 Jun 2022 17:42

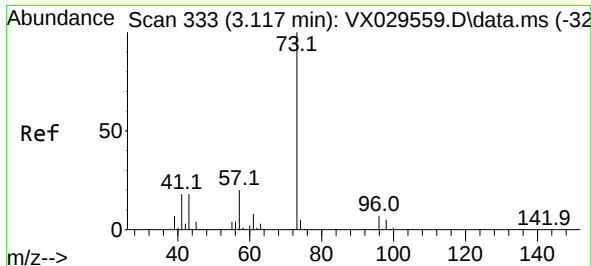
Tgt Ion: 43 Resp: 1435

Ion Ratio Lower Upper

43 100

58 35.4 28.8 43.2

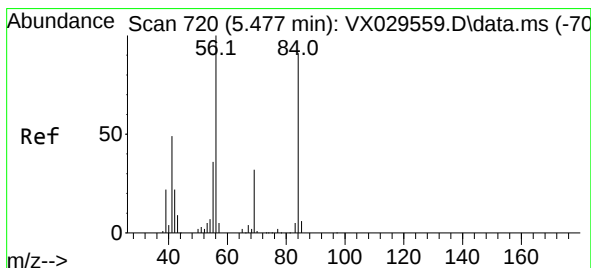
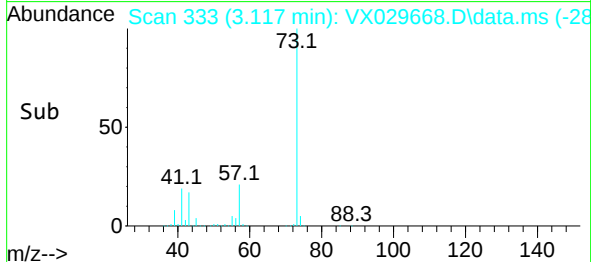
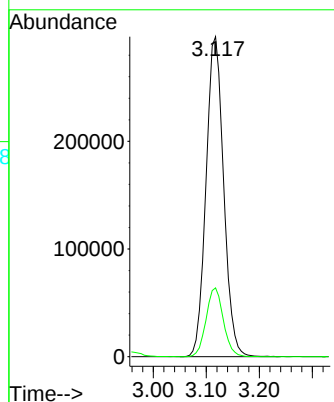
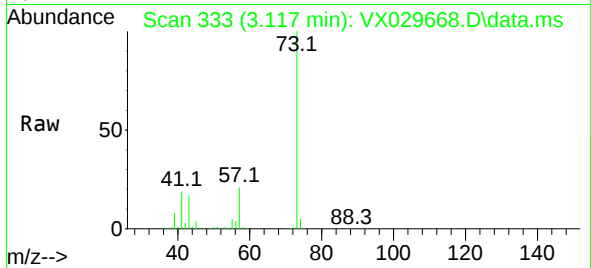




#19
Methyl tert-butyl Ether
Concen: 78.984 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

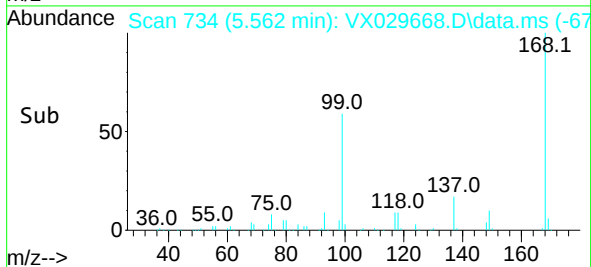
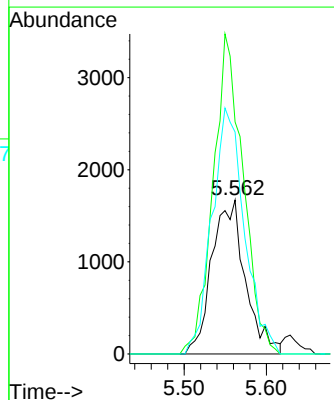
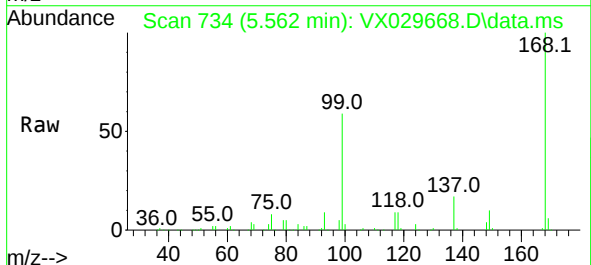
Instrument :
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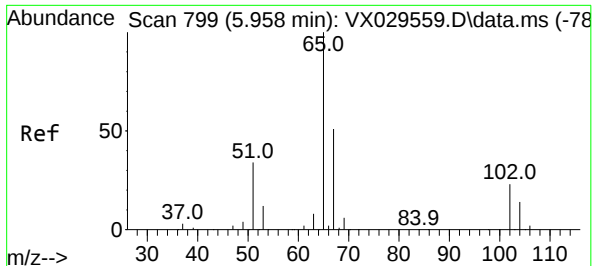
Tgt Ion: 73 Resp: 684937
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 56 Resp: 4728
Ion Ratio Lower Upper
56 100
69 150.7 26.7 40.1#
84 144.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.972 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029668.D

Acq: 21 Jun 2022 17:42

Instrument :

MSVOA_X

ClientSampleId :

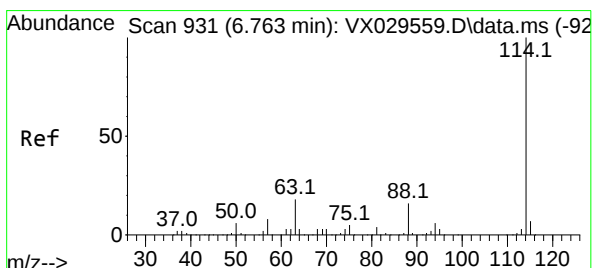
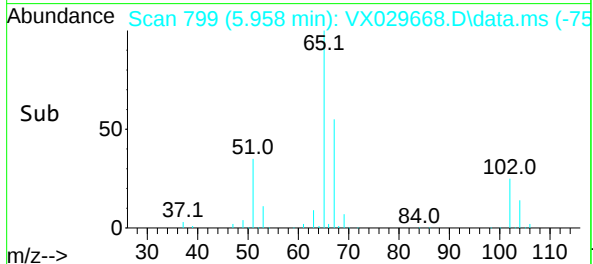
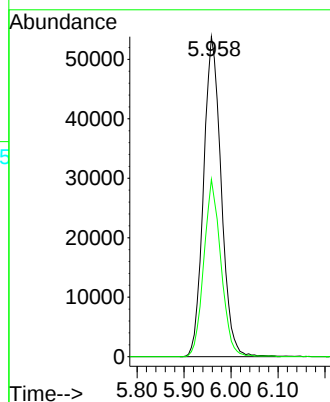
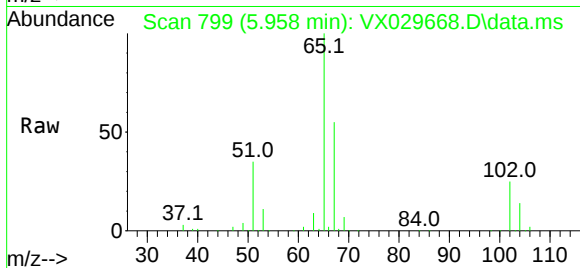
MW-33

Tgt Ion: 65 Resp: 140249

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029668.D

Acq: 21 Jun 2022 17:42

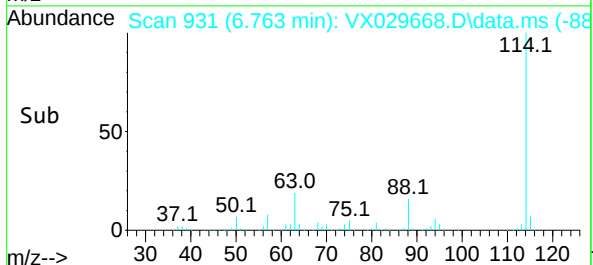
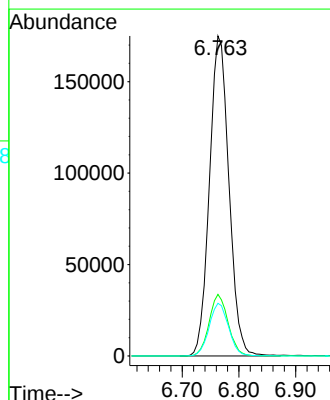
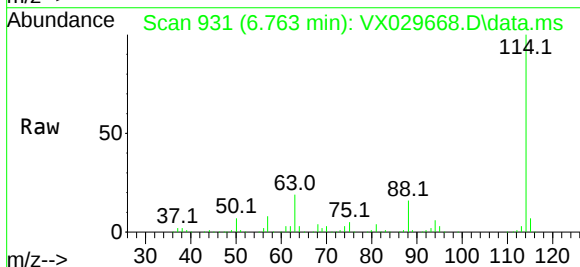
Tgt Ion:114 Resp: 416936

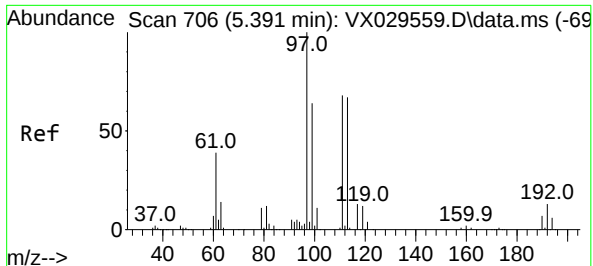
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.5 0.0 32.4

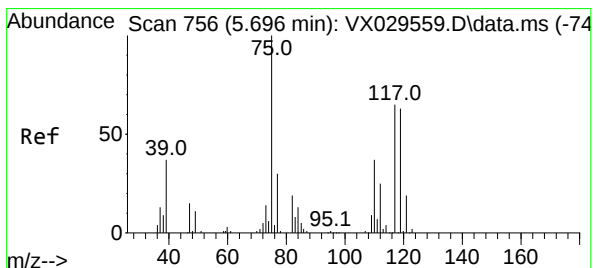
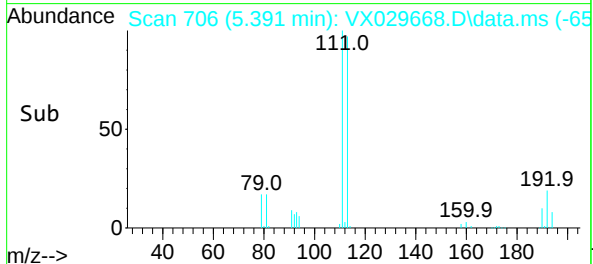
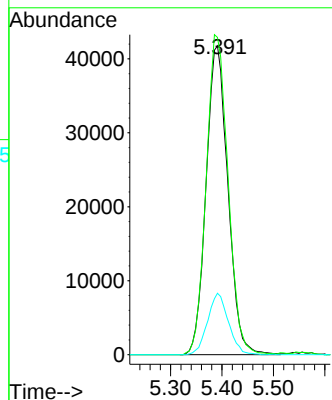
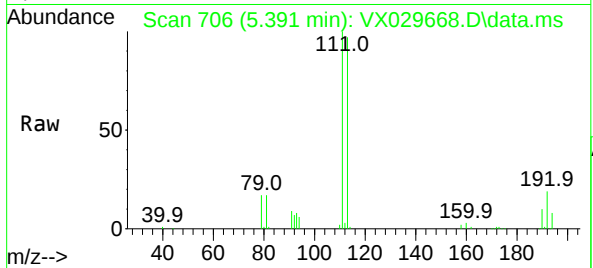




#35
Dibromofluoromethane
Concen: 45.337 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

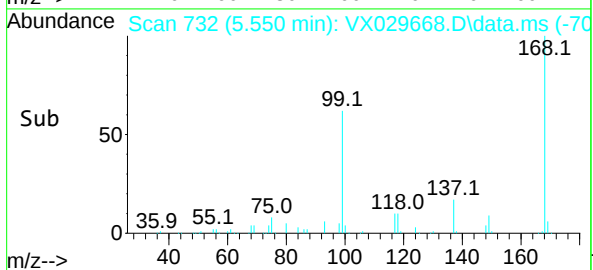
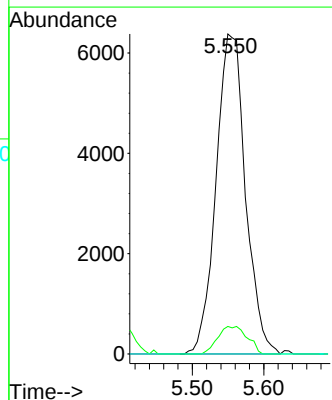
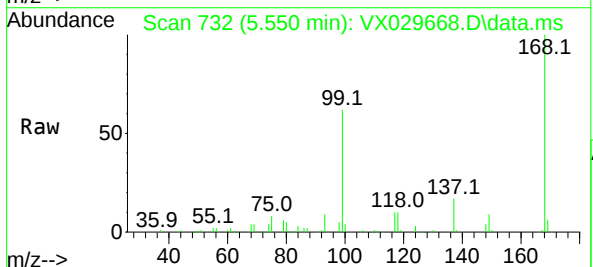
Instrument :
MSVOA_X
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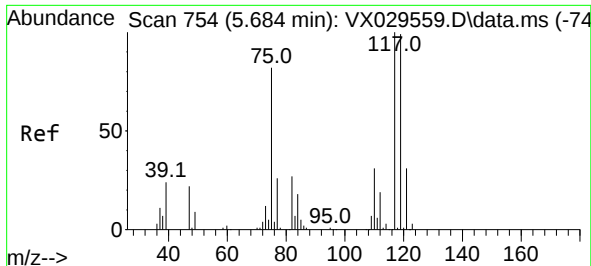
Tgt Ion:113 Resp: 123185
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 75 Resp: 18221
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 24.8 37.2#

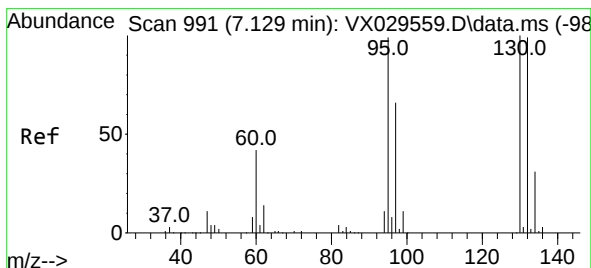
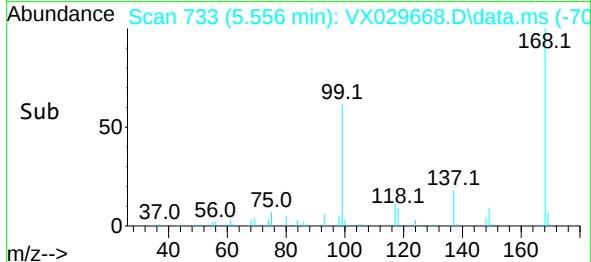
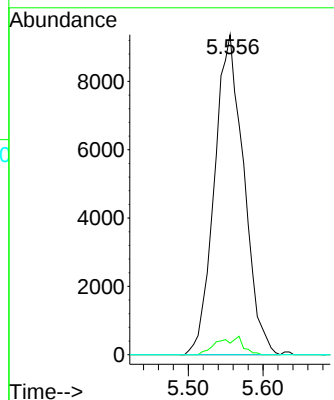
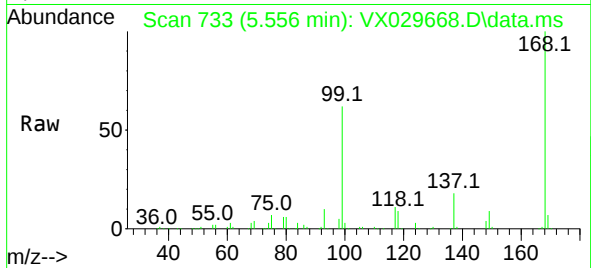




#38
Carbon Tetrachloride
Concen: 7.068 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

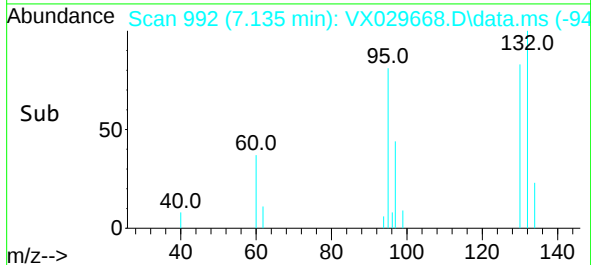
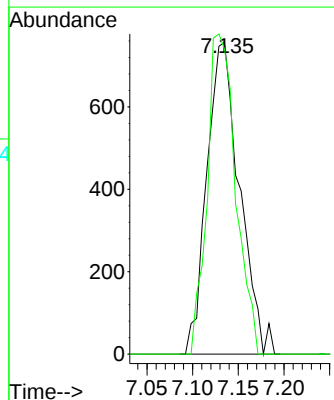
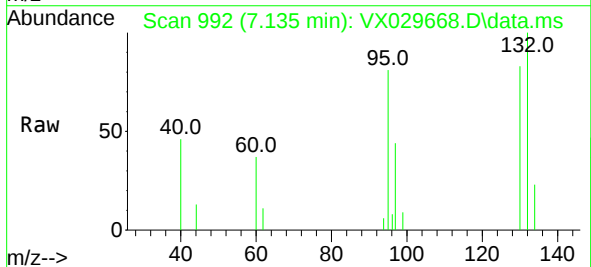
Instrument :
MSVOA_X
ClientSampleId :
MW-33

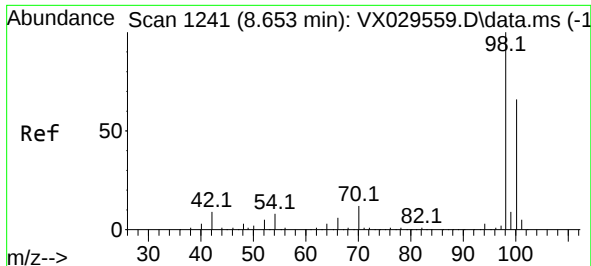
Tgt Ion:117 Resp: 25559
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion:130 Resp: 1881
Ion Ratio Lower Upper
130 100
95 97.8 0.0 188.8

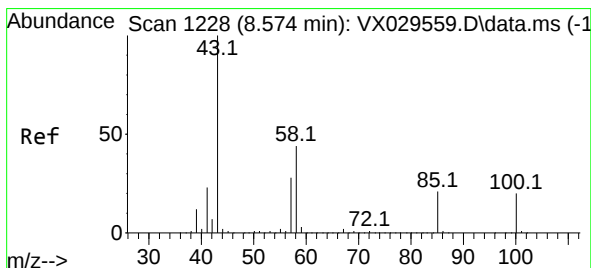
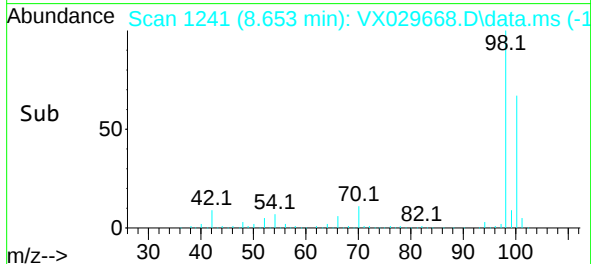
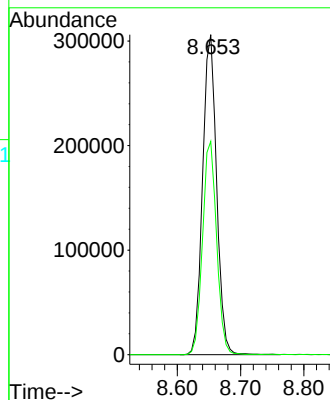
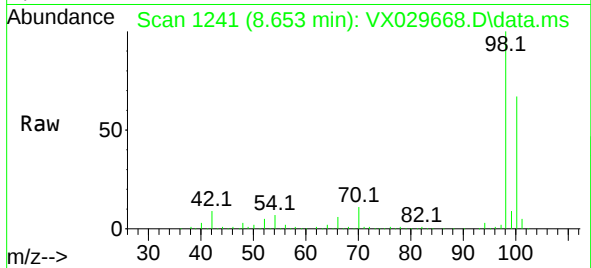




#50
Toluene-d8
Concen: 47.510 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

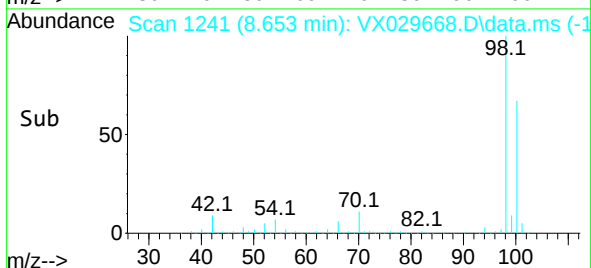
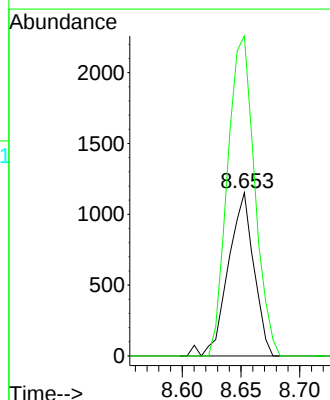
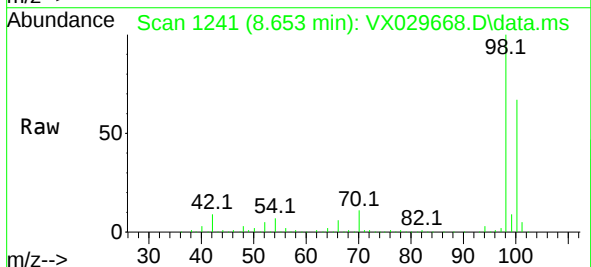
Instrument :
MSVOA_X
ClientSampleId :
MW-33

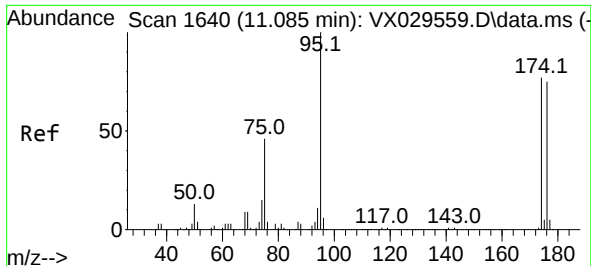
Tgt Ion: 98 Resp: 471587
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
58 207.2 36.1 54.1#

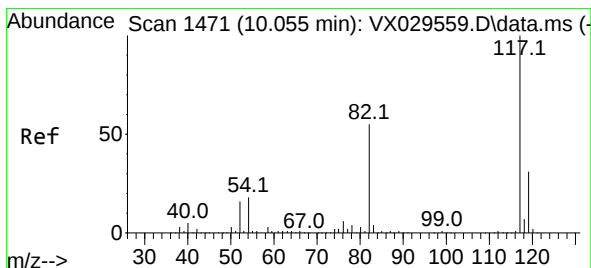
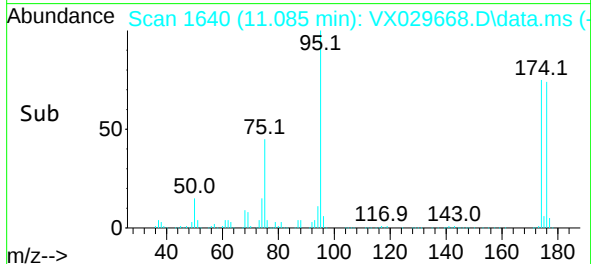
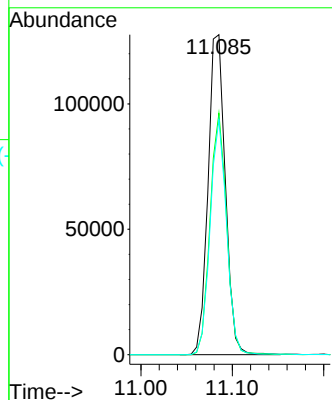
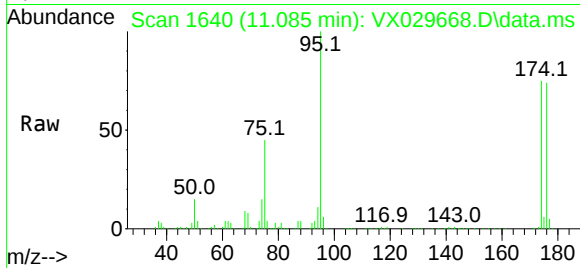




#62
4-Bromofluorobenzene
Concen: 44.672 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

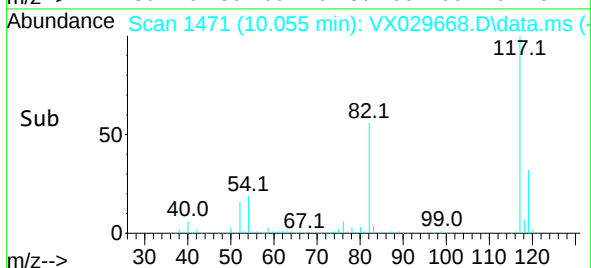
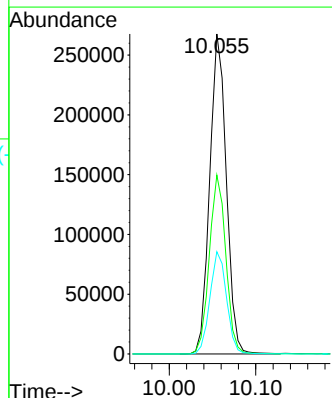
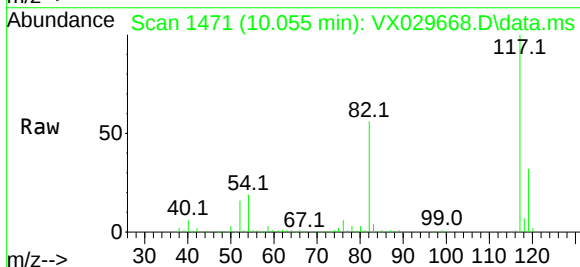
Instrument :
MSVOA_X
ClientSampleId :
MW-33

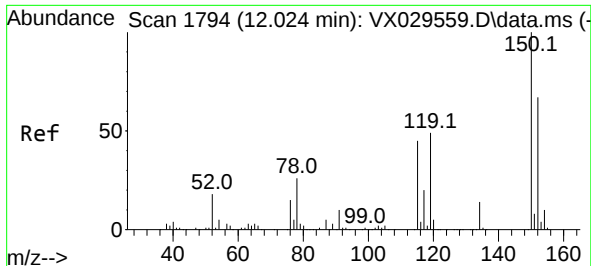
Tgt Ion: 95 Resp: 167219
Ion Ratio Lower Upper
95 100
174 72.4 0.0 163.0
176 70.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 117 Resp: 356395
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.0 24.8 37.2

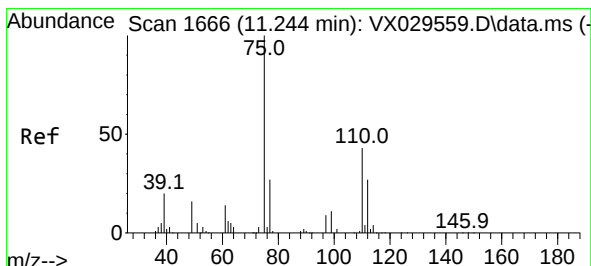
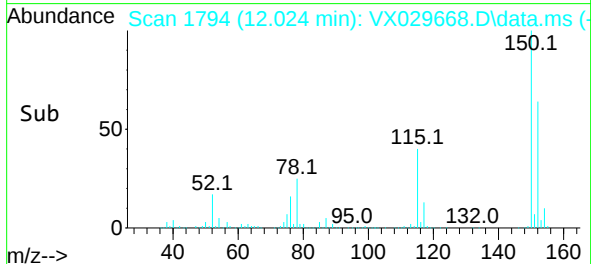
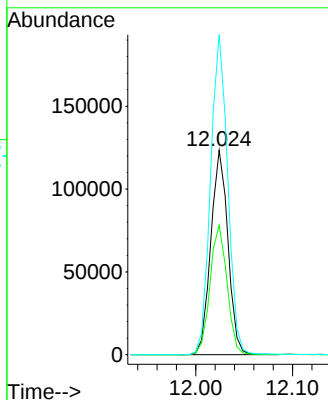
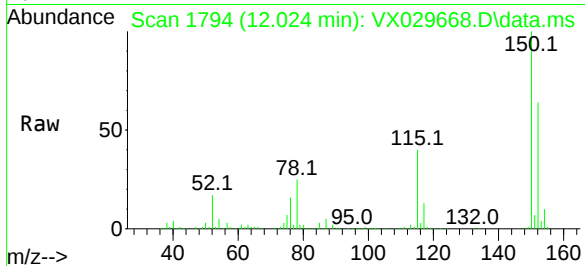




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

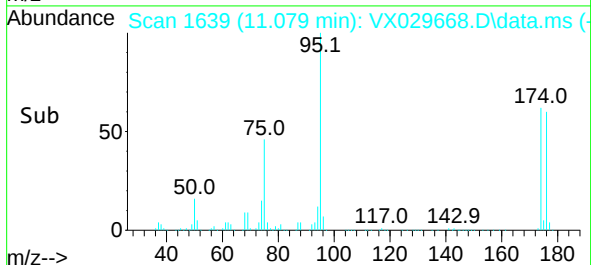
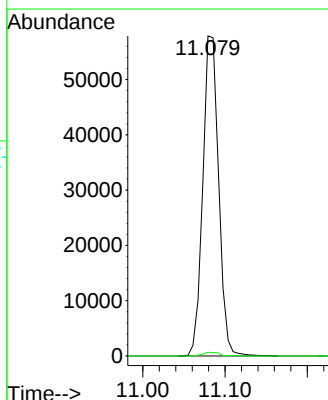
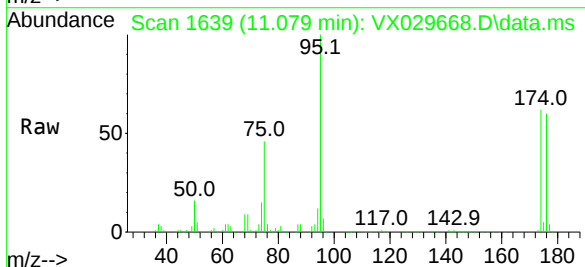
Instrument :
MSVOA_X
ClientSampleId :
MW-33

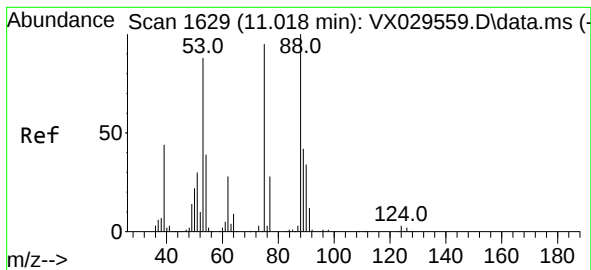
Tgt Ion:152 Resp: 151890
Ion Ratio Lower Upper
152 100
115 63.0 37.5 112.7
150 156.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029668.D
Acq: 21 Jun 2022 17:42

Tgt Ion: 75 Resp: 77523
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.941 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029668.D
 Acq: 21 Jun 2022 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Tgt Ion: 75 Resp: 77523
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

