

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030799.D
 Acq On : 26 Aug 2022 03:00
 Operator : JC/MD
 Sample : N4262-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D

Quant Time: Aug 26 04:57:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Compound	R.T.	T.Q	Ion	Response	Conc	Units	Dev(Min)

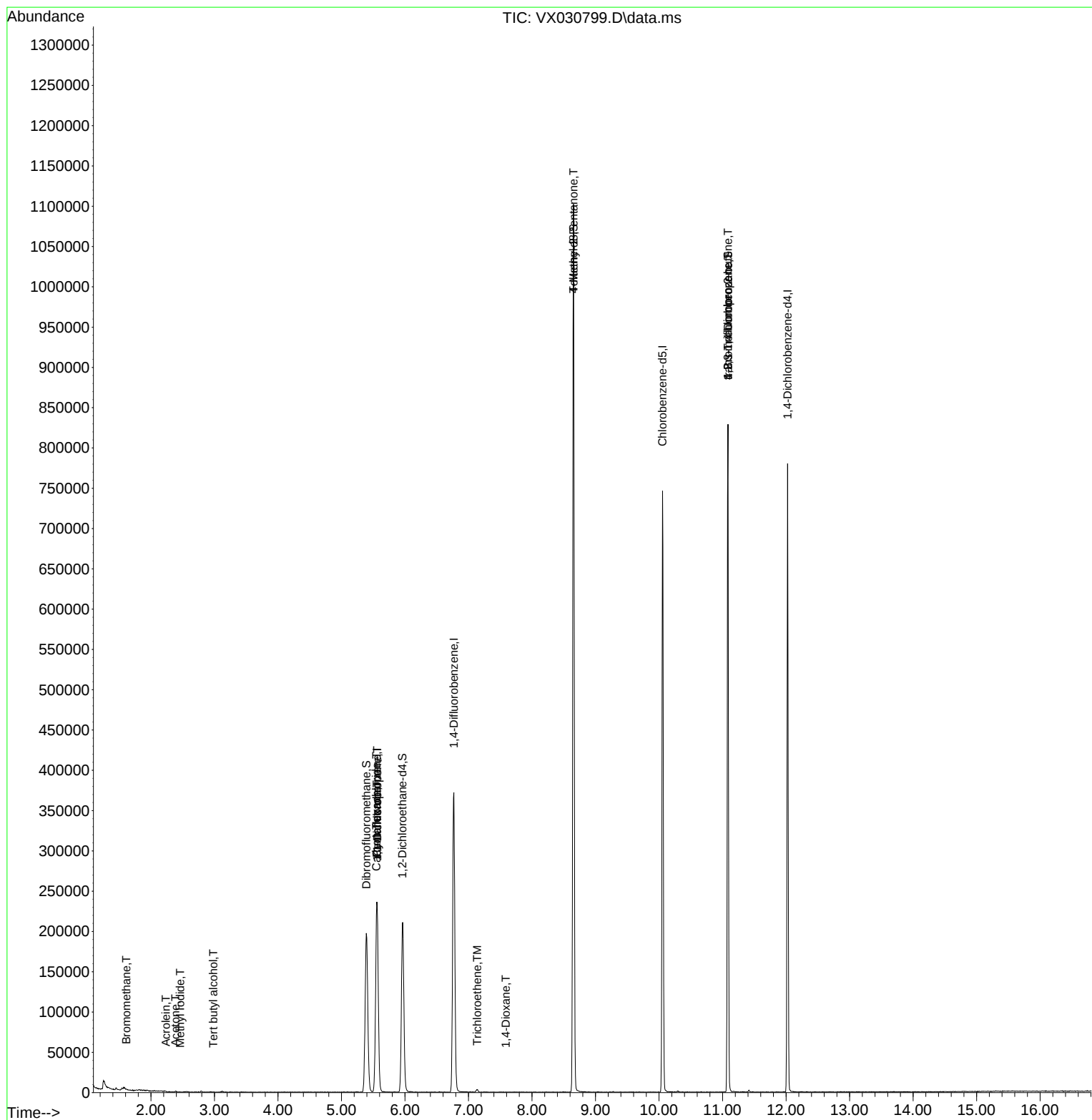
Internal Standards							
1) Pentafluorobenzene	5.556	168		230482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114		387992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117		345271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152		155976	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65		202156	74.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	149.140%#	
35) Dibromofluoromethane	5.391	113		176710	74.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	148.220%#	
50) Toluene-d8	8.653	98		659920	79.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	158.840%#	
62) 4-Bromofluorobenzene	11.085	95		220484	71.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	142.540%#	
Target Compounds							
							Qvalue
3) Chloromethane	1.288	50		418	Below Cal		95
4) Vinyl Chloride	1.246	62		31	Below Cal	#	1
5) Bromomethane	1.611	94		270	0.251	ug/l #	70
6) Chloroethane	1.685	64		120	Below Cal	#	41
10) Methyl Iodide	2.459	142		71	4.065	ug/l #	45
11) Tert butyl alcohol	2.983	59		158	0.268	ug/l #	74
13) Acrolein	2.233	56		44	10.133	ug/l #	1
16) Acetone	2.386	43		848	0.677	ug/l	88
17) Carbon Disulfide	2.508	76		283	Below Cal	#	74
20) Methylene Chloride	2.788	84		585	Below Cal	#	84
31) Cyclohexane	5.556	56		4342	1.252	ug/l #	1
36) 1,1-Dichloropropene	5.562	75		17721	5.458	ug/l #	50
38) Carbon Tetrachloride	5.550	117		22498	6.569	ug/l #	17
44) Trichloroethene	7.135	130		1227	0.437	ug/l	92
49) 1,4-Dioxane	7.586	88		19	0.267	ug/l #	25
51) 4-Methyl-2-Pentanone	8.653	43		2555	0.654	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75		108028	31.613	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75		108028	101.996	ug/l #	13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
Data File : VX030799.D
Acq On : 26 Aug 2022 03:00
Operator : JC/MD
Sample : N4262-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Quant Time: Aug 26 04:57:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

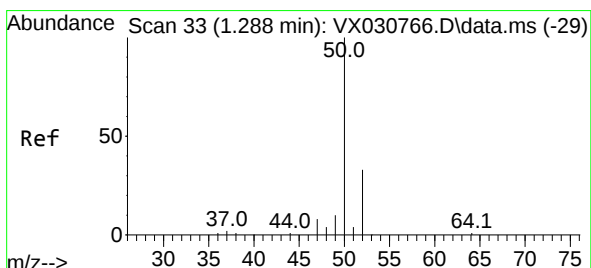
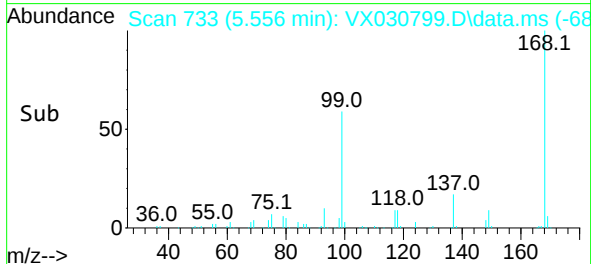
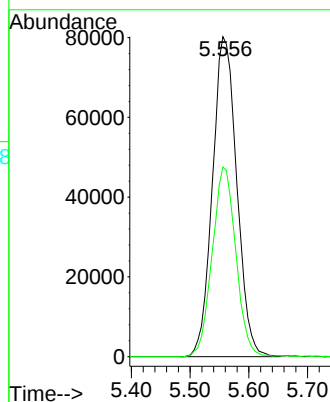
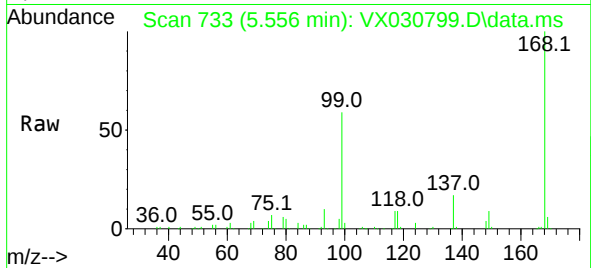




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

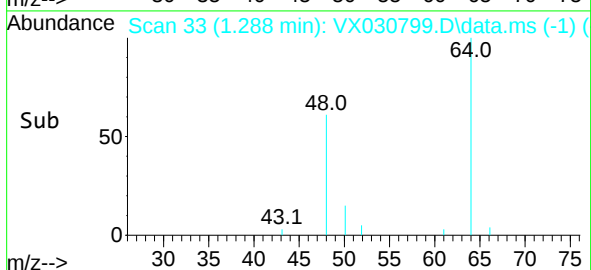
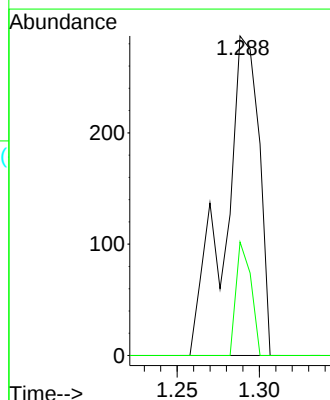
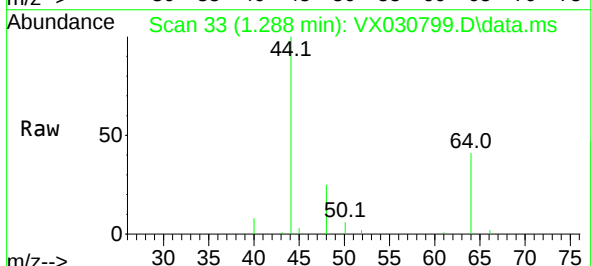
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

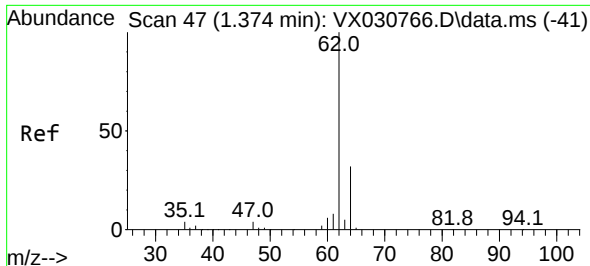
Tgt Ion:168 Resp: 230482
Ion Ratio Lower Upper
168 100
99 59.3 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 35.5 26.3 39.5

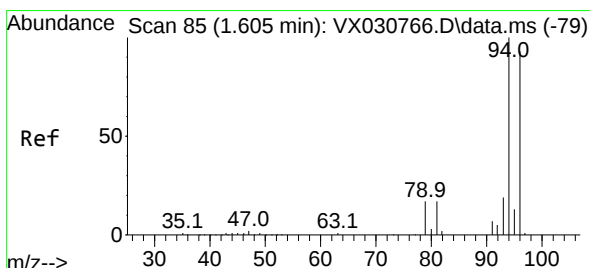
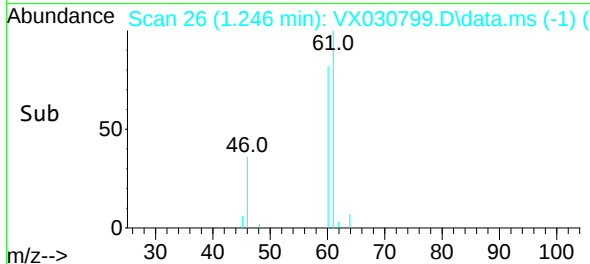
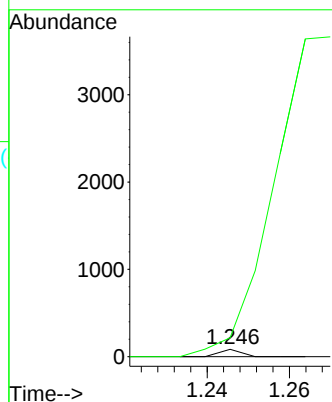
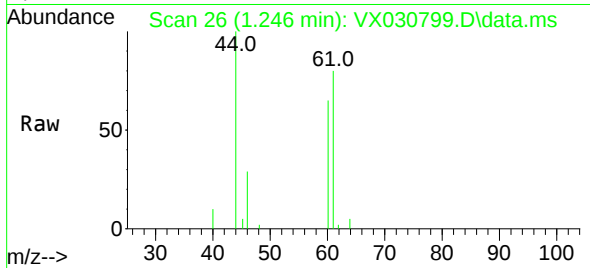




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.246 min Scan# 20
 Delta R.T. -0.128 min
 Lab File: VX030799.D
 Acq: 26 Aug 2022 03:00

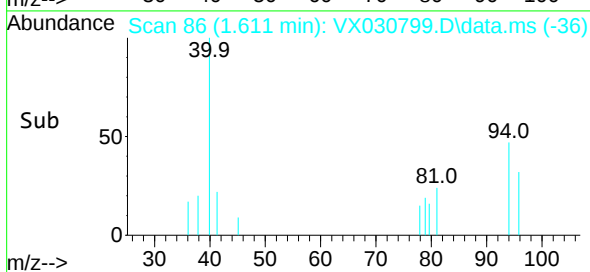
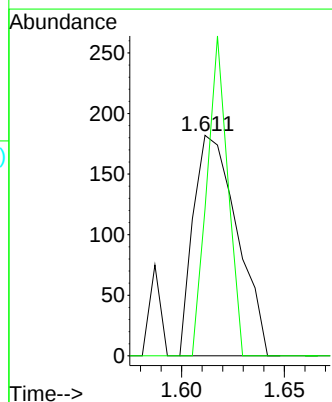
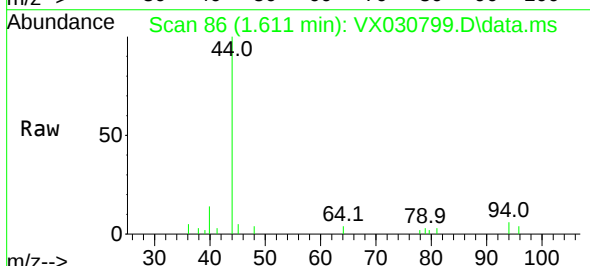
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D

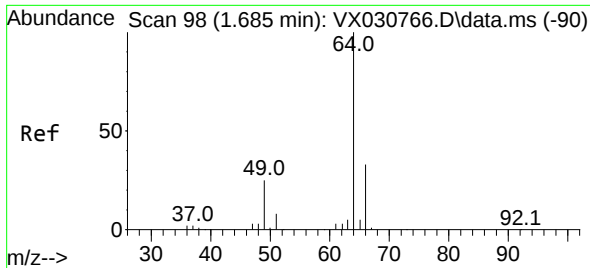
Tgt Ion: 62 Resp: 31
 Ion Ratio Lower Upper
 62 100
 64 254.1 25.2 37.8#



#5
 Bromomethane
 Concen: 0.251 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030799.D
 Acq: 26 Aug 2022 03:00

Tgt Ion: 94 Resp: 270
 Ion Ratio Lower Upper
 94 100
 96 66.5 76.9 115.3#

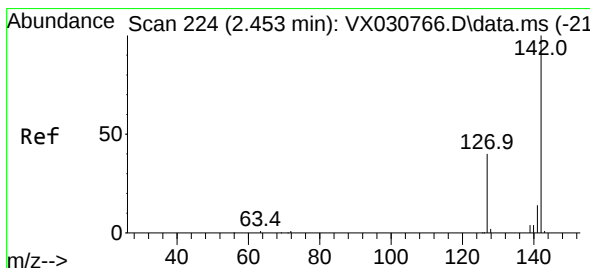
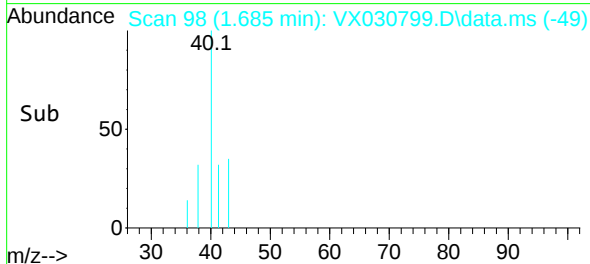
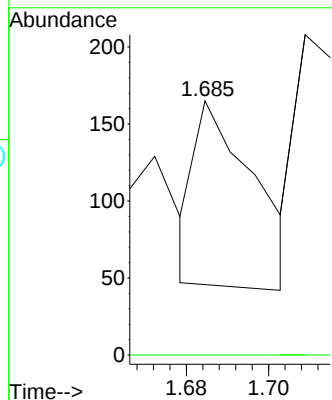
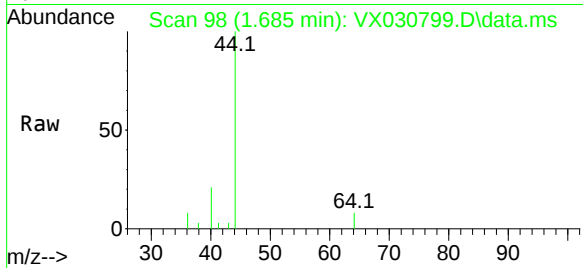




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

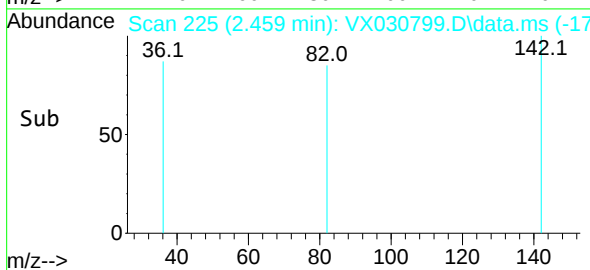
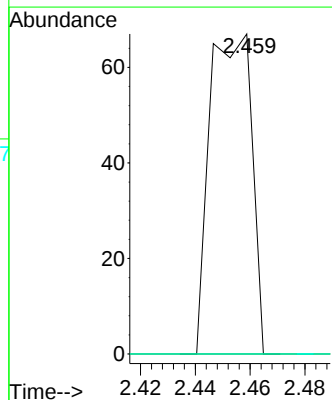
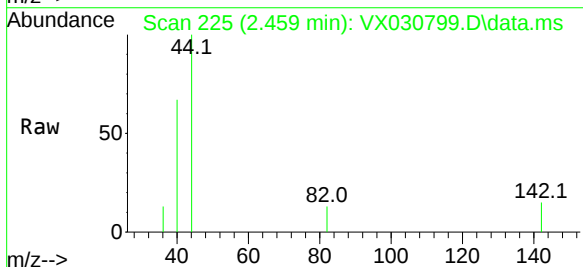
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

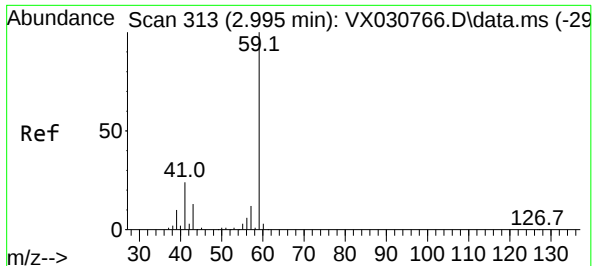
Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.065 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

Tgt Ion: 142 Resp: 71
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: 0.268 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.012 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

Instrument :

MSVOA_X

ClientSampleId :

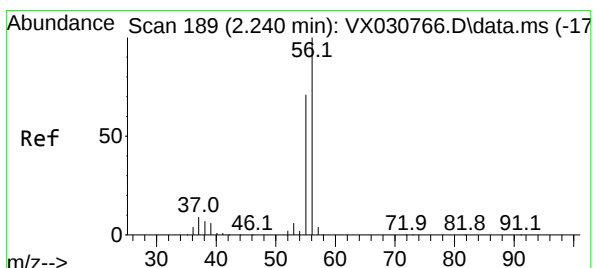
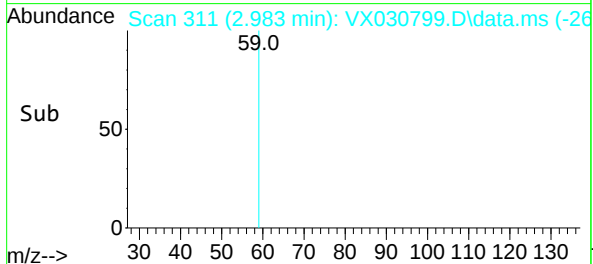
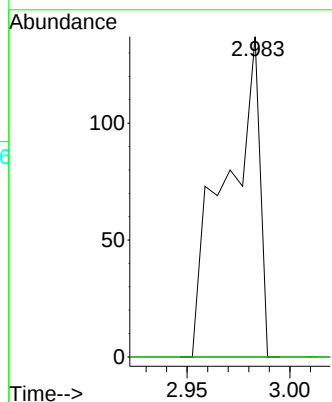
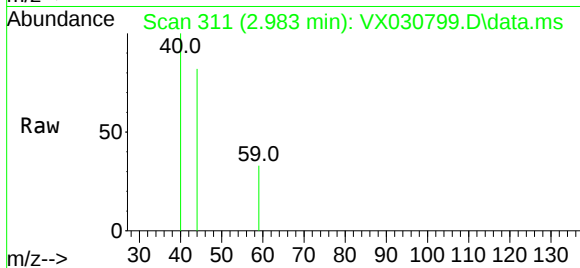
MW-102D

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 10.133 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.007 min

Lab File: VX030799.D

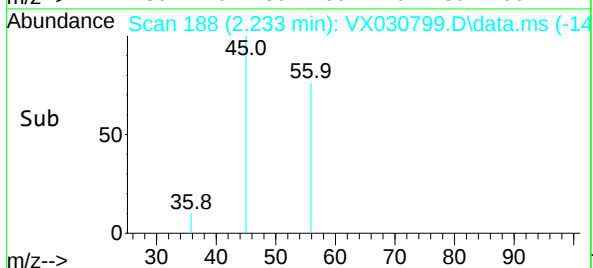
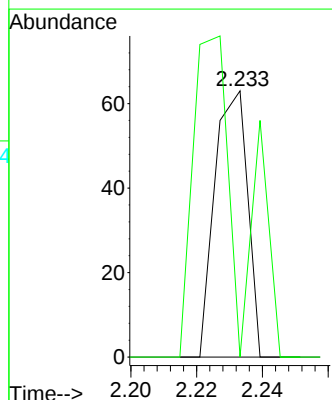
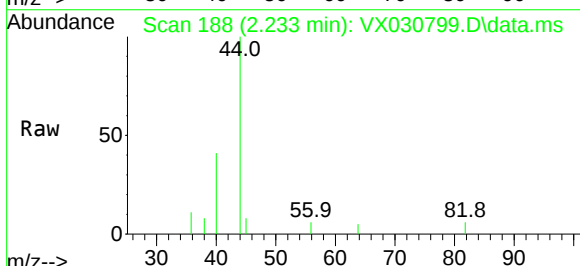
Acq: 26 Aug 2022 03:00

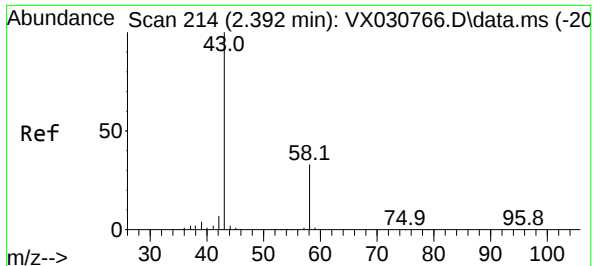
Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

56 100

55 170.5 56.6 84.8#

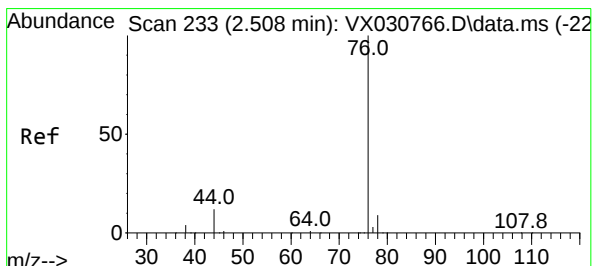
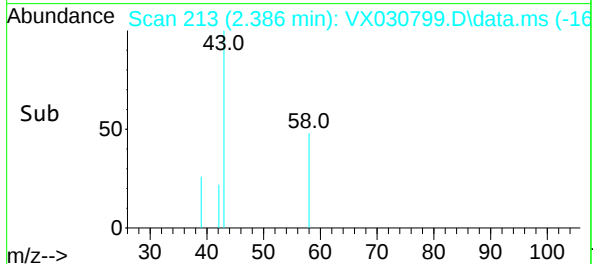
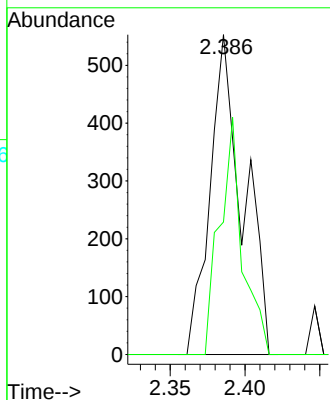
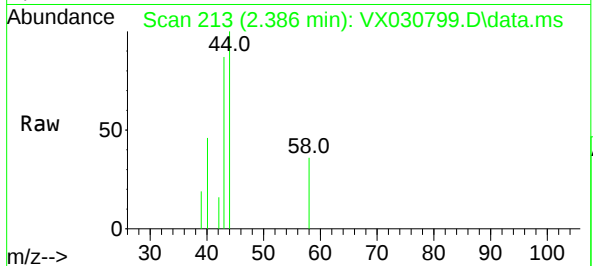




#16
Acetone
Concen: 0.677 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

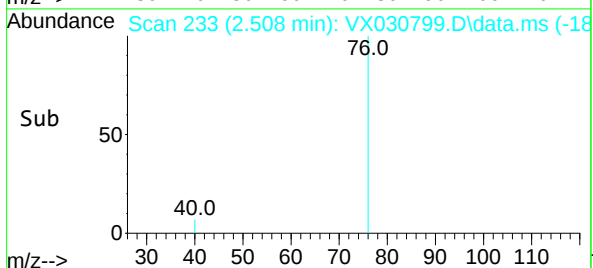
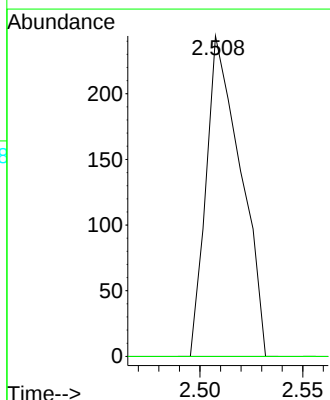
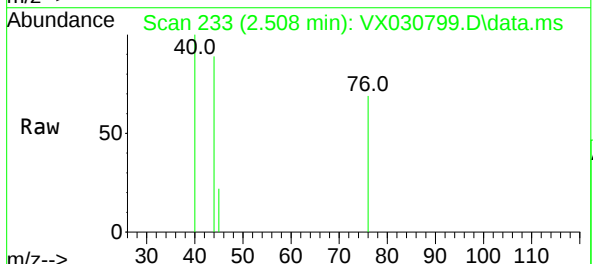
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

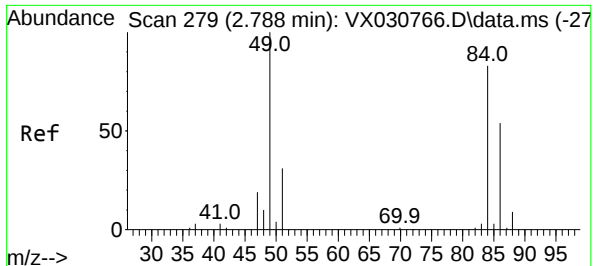
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 41.4 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

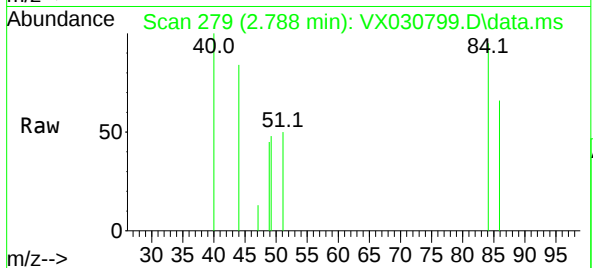
Tgt Ion: 76 Resp: 283
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



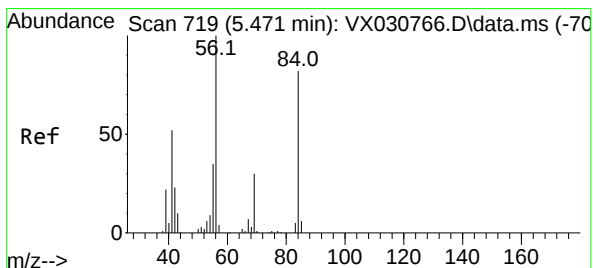
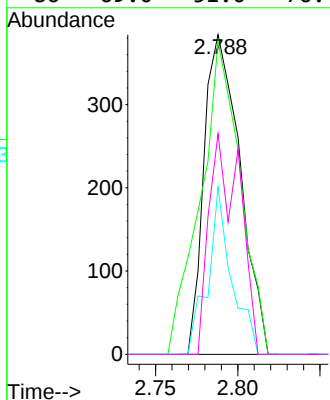
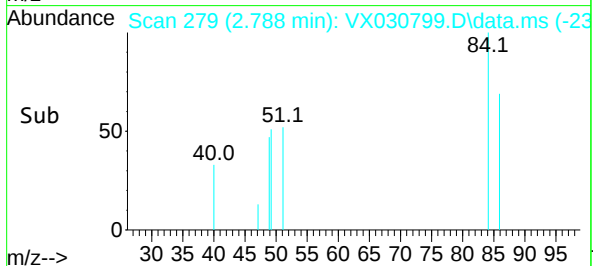


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

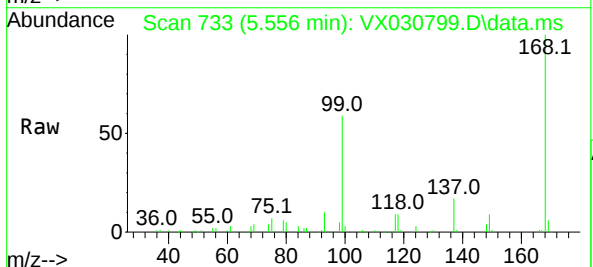
Instrument :
MSVOA_X
ClientSampleId :
MW-102D



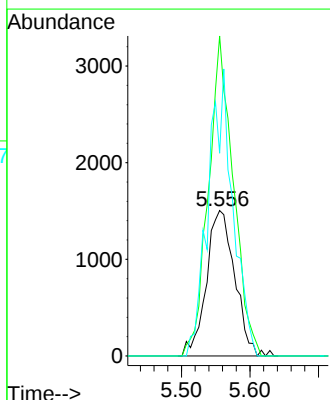
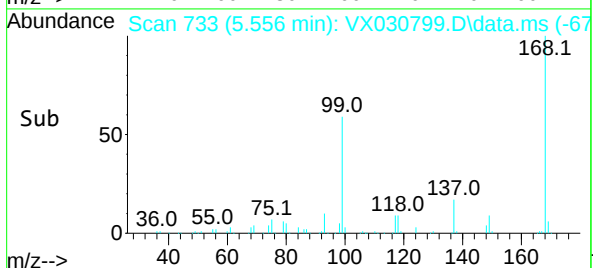
Tgt Ion:	84	Resp:	585
Ion	Ratio	Lower	Upper
84	100		
49	97.9	93.8	140.6
51	52.3	29.4	44.0#
86	69.0	51.0	76.4

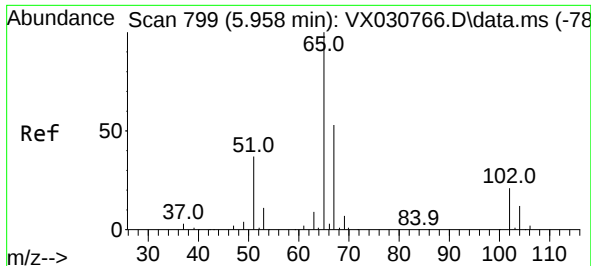


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00



Tgt Ion:	56	Resp:	4342
Ion	Ratio	Lower	Upper
56	100		
69	220.0	25.4	38.0#
84	139.3	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 74.567 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

Instrument :

MSVOA_X

ClientSampleId :

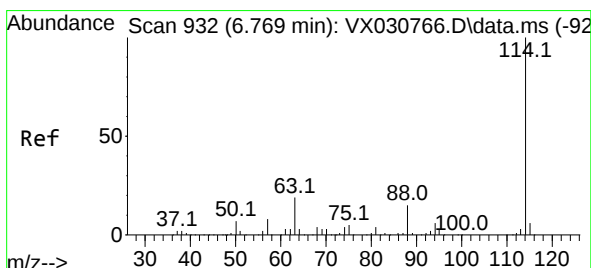
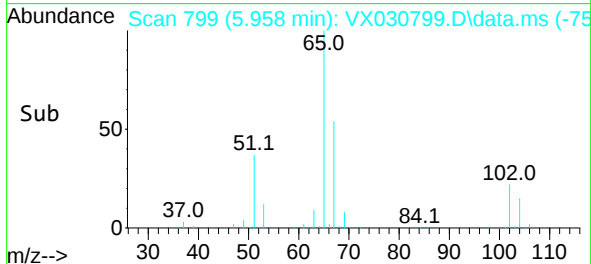
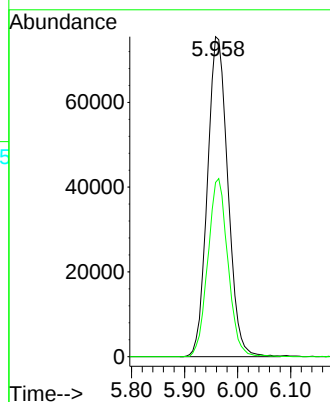
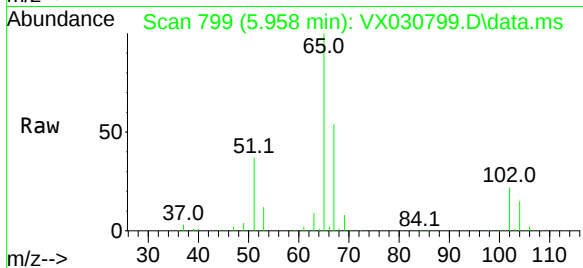
MW-102D

Tgt Ion: 65 Resp: 202156

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

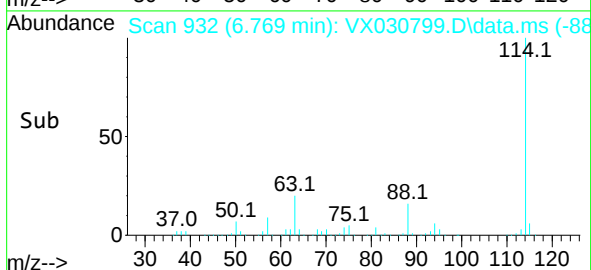
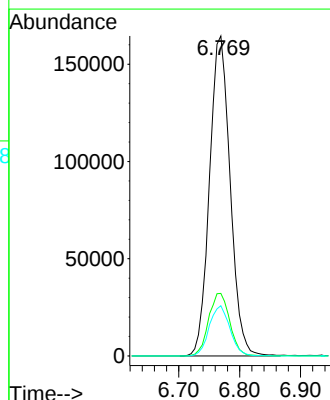
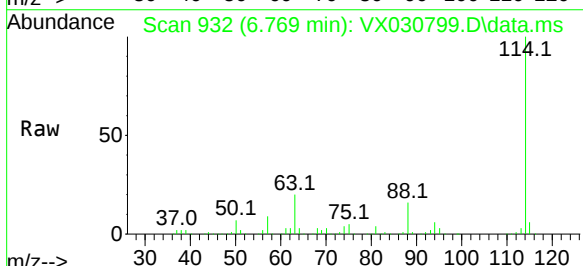
Tgt Ion: 114 Resp: 387992

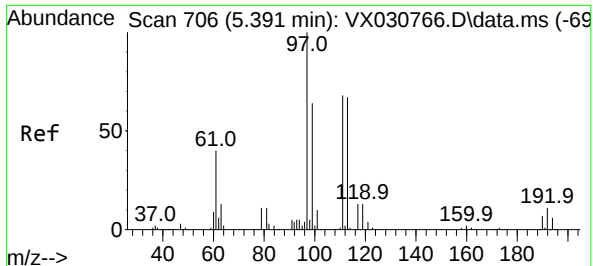
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 74.107 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

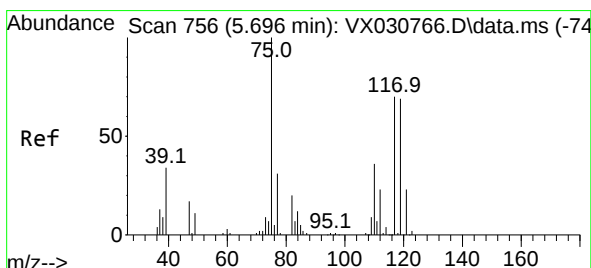
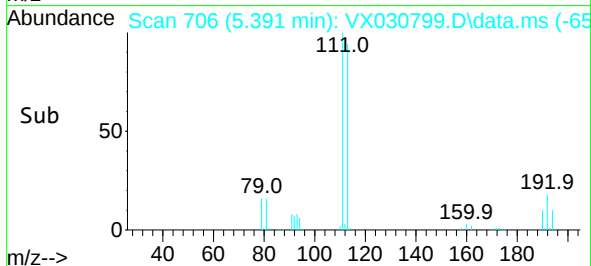
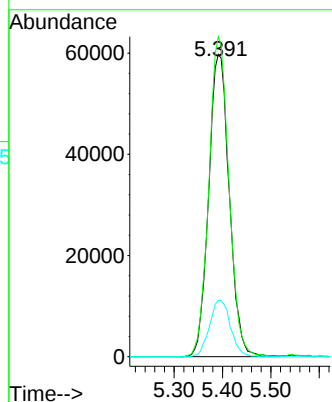
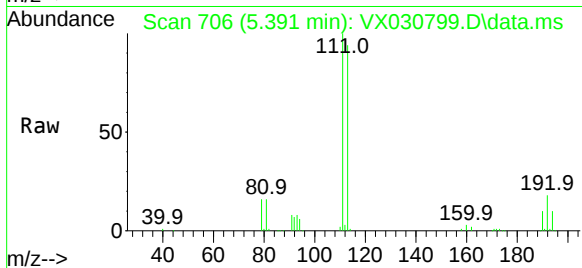
Tgt Ion:113 Resp: 176710

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 19.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.458 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

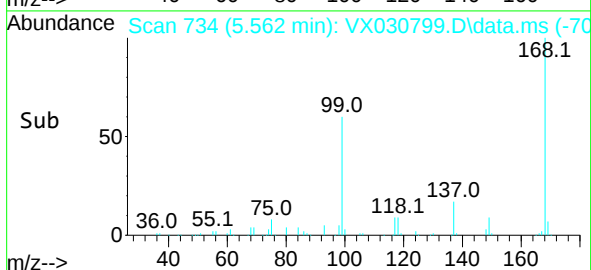
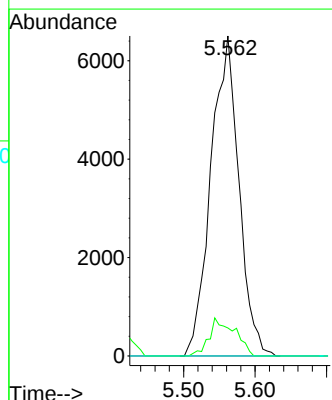
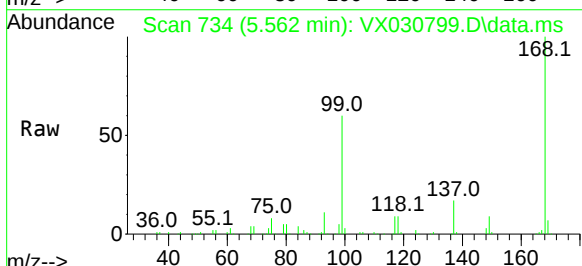
Tgt Ion: 75 Resp: 17721

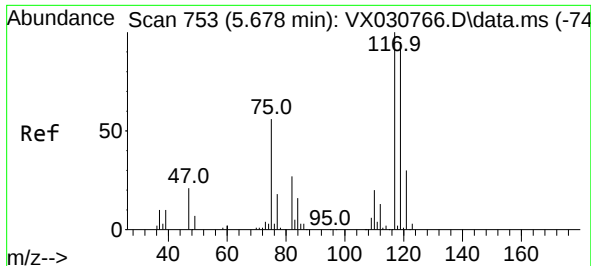
Ion Ratio Lower Upper

75 100

110 10.9 19.3 57.9#

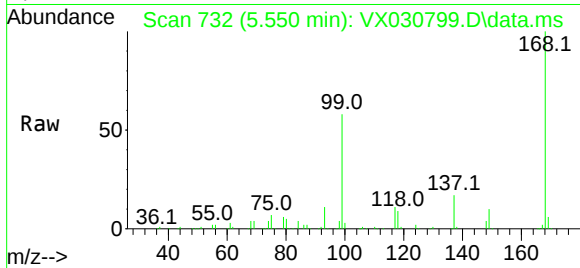
77 0.0 24.4 36.6#



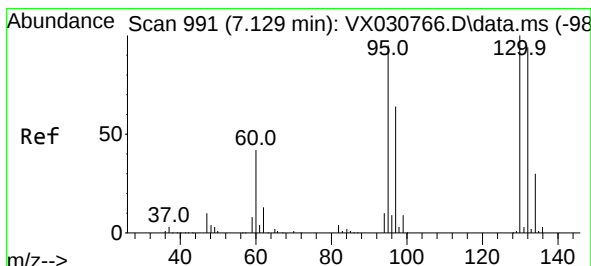
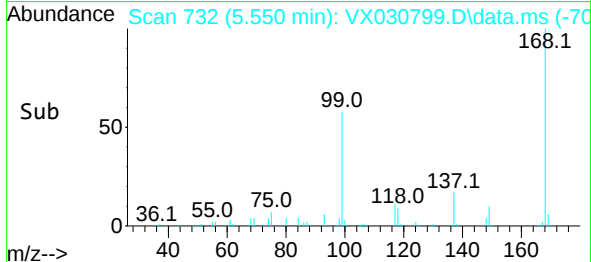
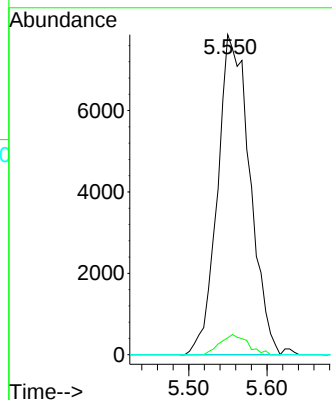


#38
Carbon Tetrachloride
Concen: 6.569 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

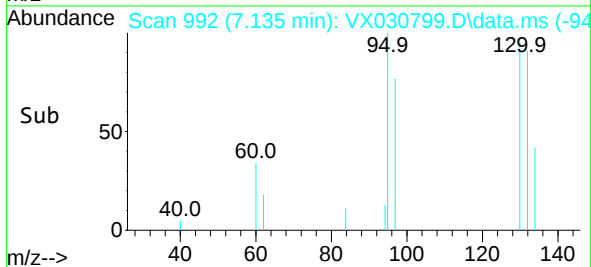
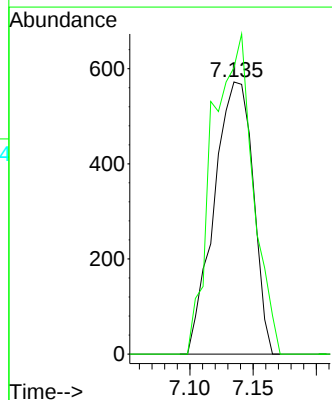
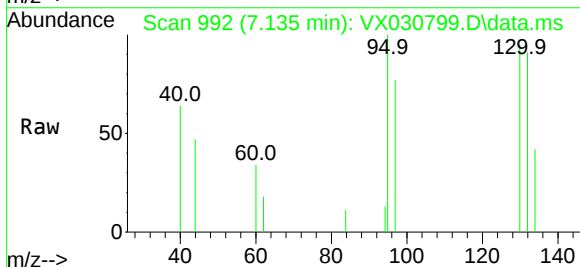


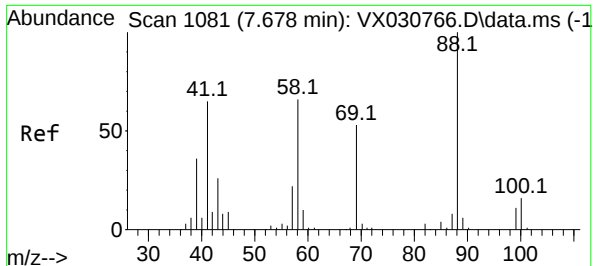
Tgt Ion:117 Resp: 22498
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.437 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

Tgt Ion:130 Resp: 1227
Ion Ratio Lower Upper
130 100
95 105.2 0.0 194.8





#49

1,4-Dioxane

Concen: 0.267 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.092 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

Instrument :

MSVOA_X

ClientSampleId :

MW-102D

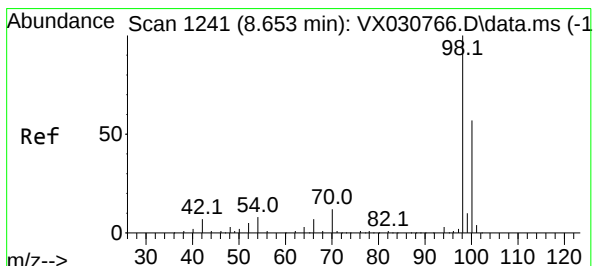
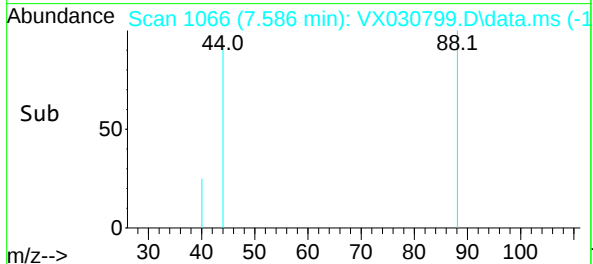
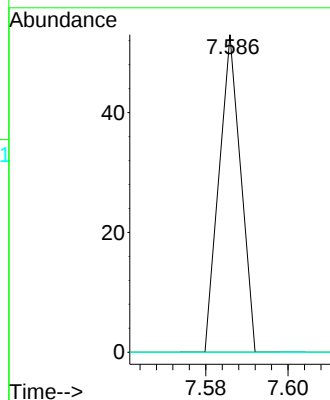
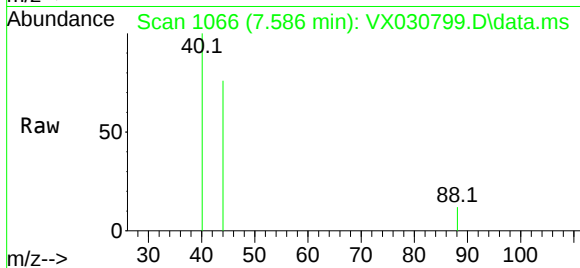
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 79.419 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030799.D

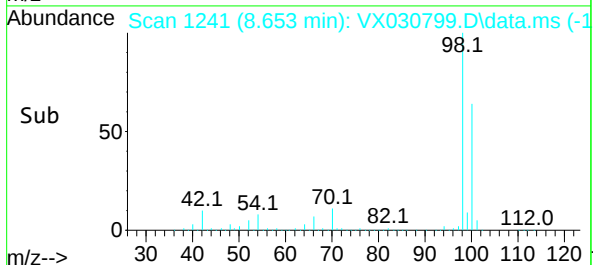
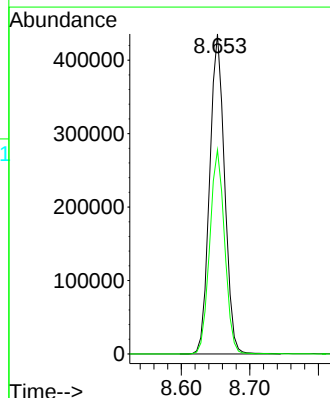
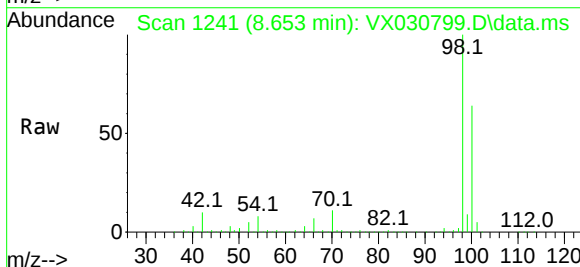
Acq: 26 Aug 2022 03:00

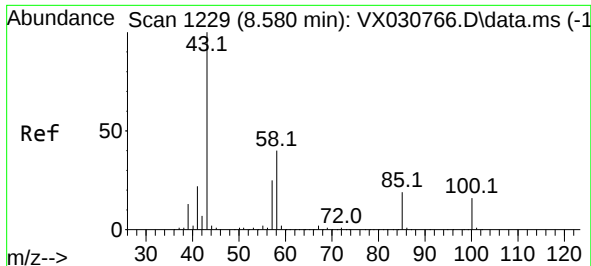
Tgt Ion: 98 Resp: 659920

Ion Ratio Lower Upper

98 100

100 63.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.654 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

Instrument :

MSVOA_X

ClientSampleId :

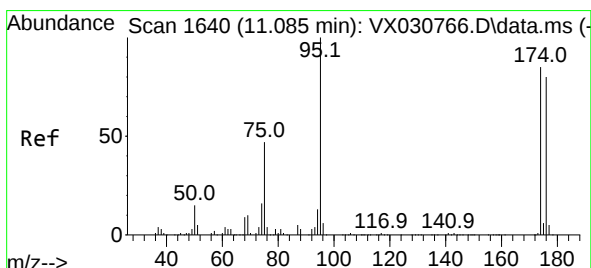
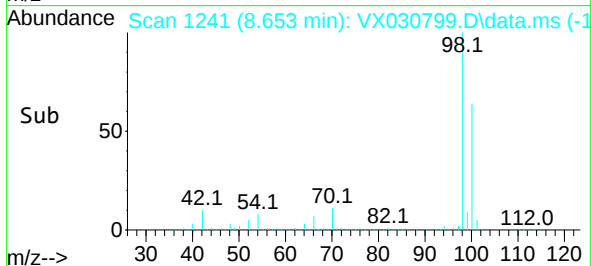
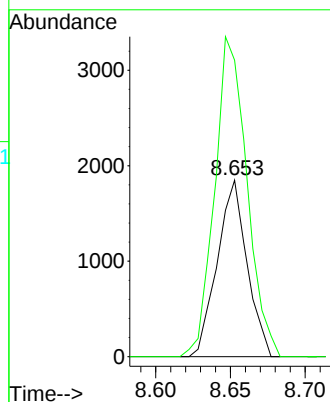
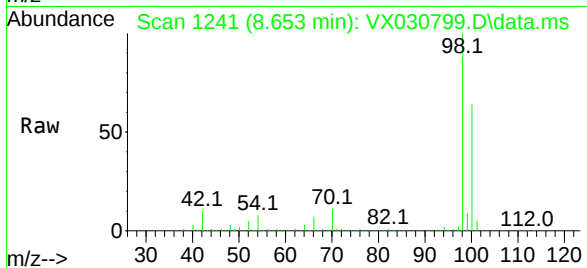
MW-102D

Tgt Ion: 43 Resp: 2555

Ion Ratio Lower Upper

43 100

58 196.3 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 71.272 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030799.D

Acq: 26 Aug 2022 03:00

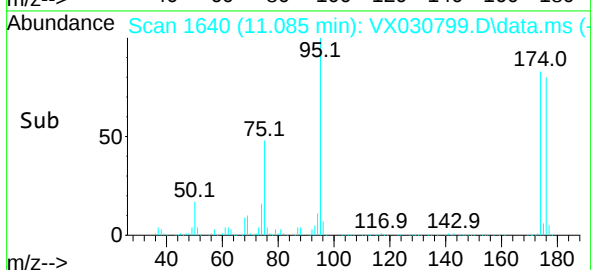
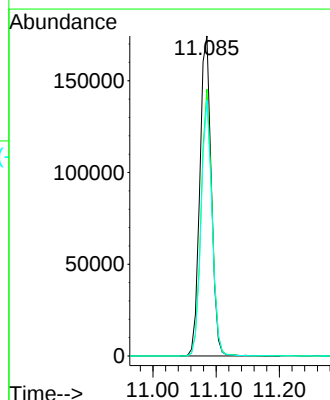
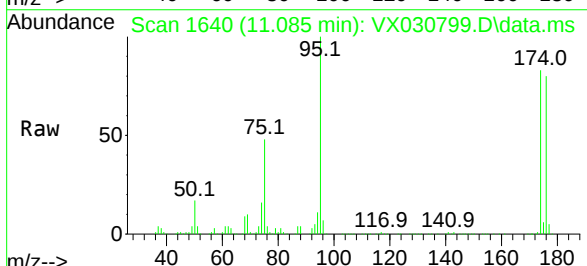
Tgt Ion: 95 Resp: 220484

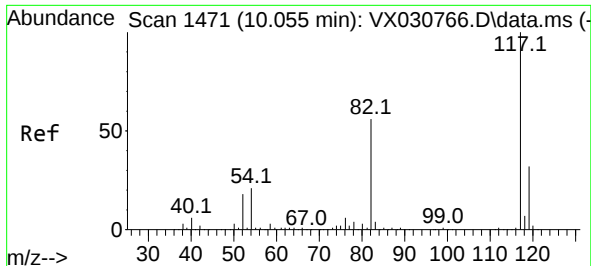
Ion Ratio Lower Upper

95 100

174 79.9 0.0 149.0

176 76.4 0.0 146.0

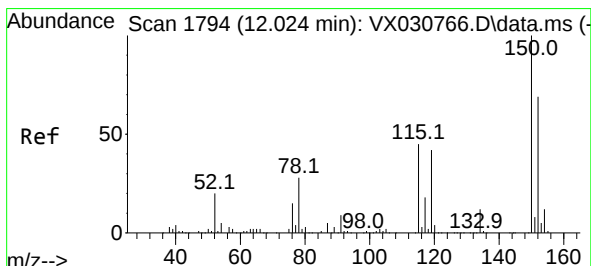
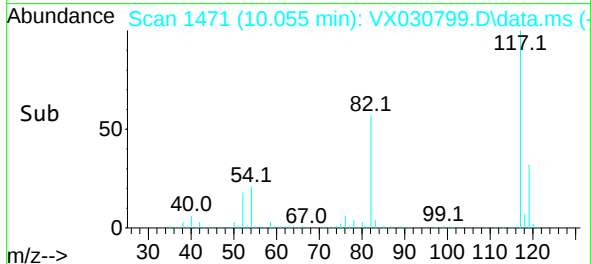
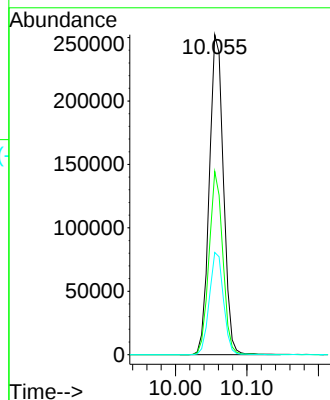
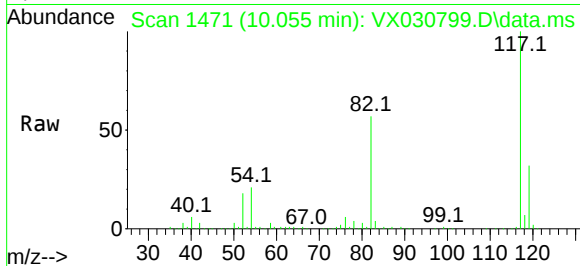




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

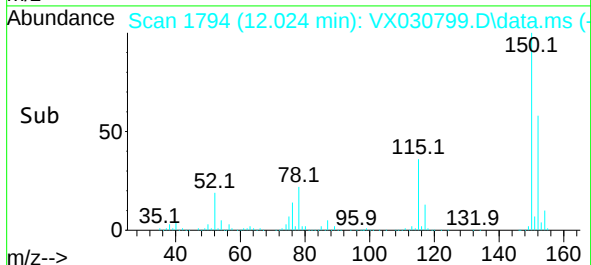
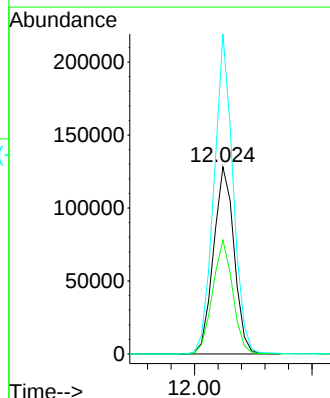
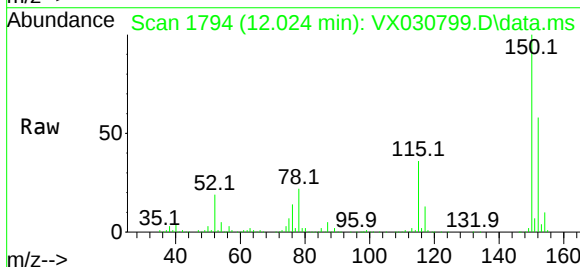
Instrument :
MSVOA_X
ClientSampleId :
MW-102D

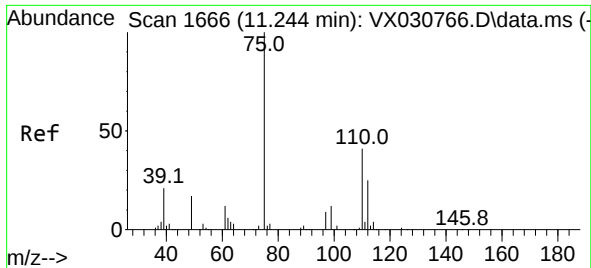
Tgt Ion:117 Resp: 345271
Ion Ratio Lower Upper
117 100
82 57.2 42.7 64.1
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

Tgt Ion:152 Resp: 155976
Ion Ratio Lower Upper
152 100
115 59.6 40.5 121.5
150 158.6 0.0 347.0

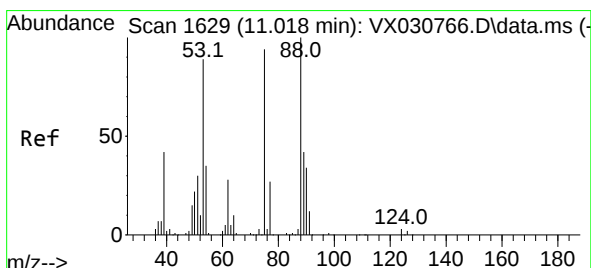
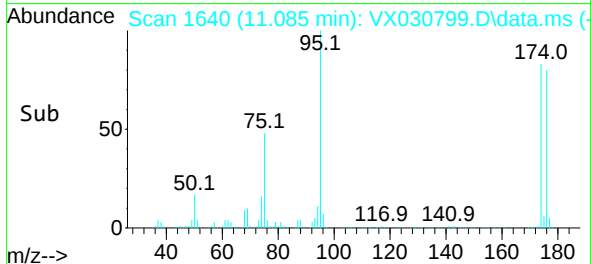
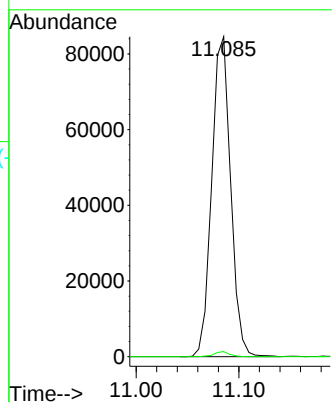
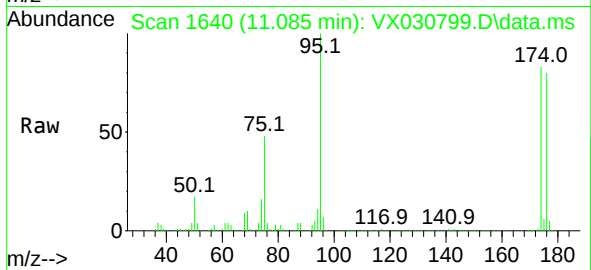




#76
1,2,3-Trichloropropane
Concen: 31.613 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Tgt Ion: 75 Resp: 108028
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.996 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030799.D
Acq: 26 Aug 2022 03:00

Tgt Ion: 75 Resp: 108028
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

