

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040223.D
 Acq On : 14 Feb 2024 16:18
 Operator : JC/MD
 Sample : P1371-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 00:04:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

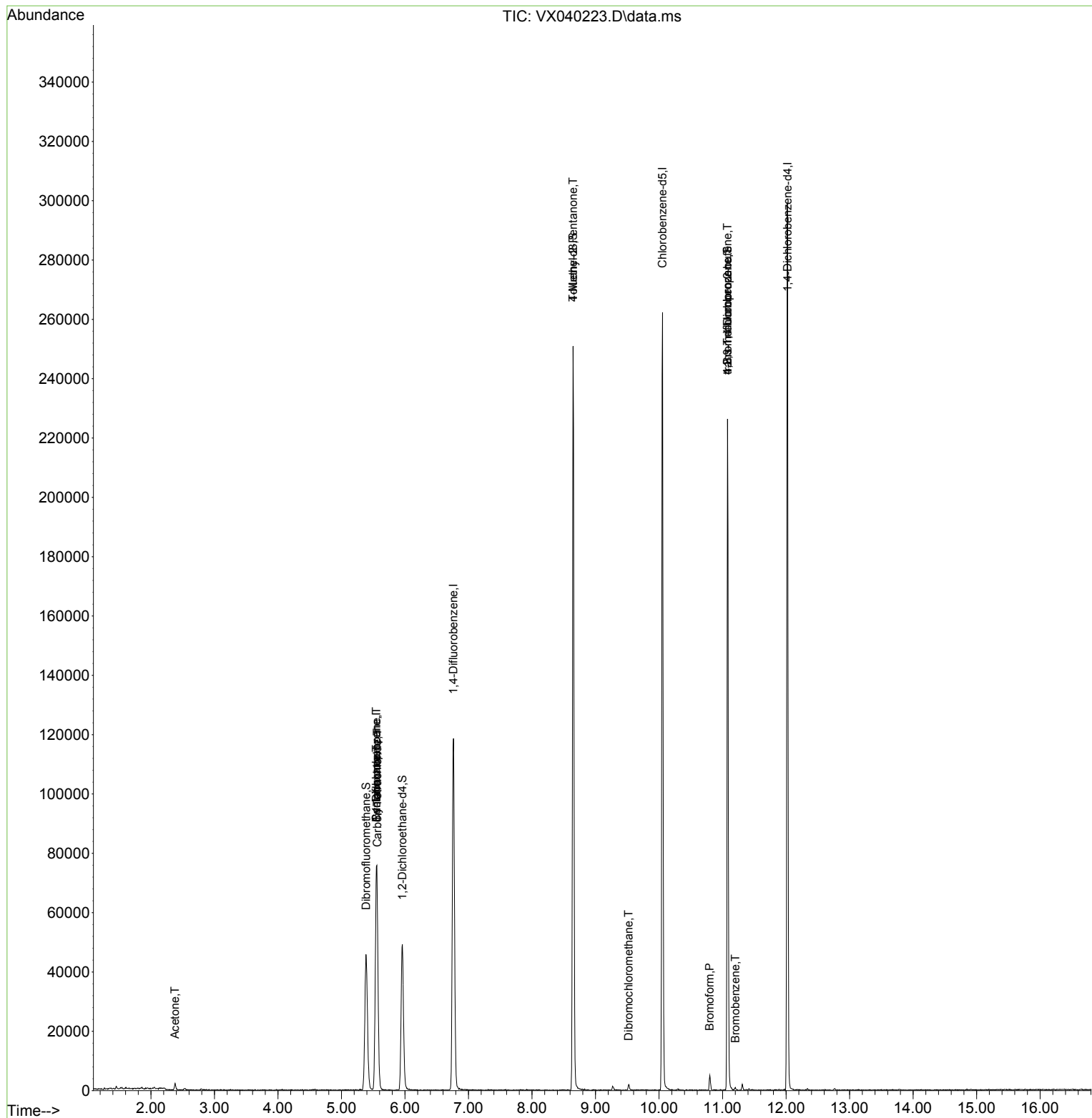
Internal Standards						
1) Pentafluorobenzene	5.550	168	74994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47241	42.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.680%
35) Dibromofluoromethane	5.385	113	40084	46.719	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.647	98	148017	46.119	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.240%
62) 4-Bromofluorobenzene	11.079	95	59288	45.294	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.580%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	2196	4.792	ug/l #	86
20) Methylene Chloride	2.800	84	149	Below Cal	#	72
31) Cyclohexane	5.550	56	1569	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5904	4.912	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7444	6.514	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	624	0.438	ug/l #	1
60) Dibromochloromethane	9.518	129	1016	1.062	ug/l	93
71) Bromoform	10.799	173	1950	4.363	ug/l #	94
76) 1,2,3-Trichloropropane	11.079	75	31578	24.891	ug/l #	38
77) Bromobenzene	11.201	156	233	0.224	ug/l	84
81) trans-1,4-Dichloro-2-b...	11.079	75	31578	68.483	ug/l #	5

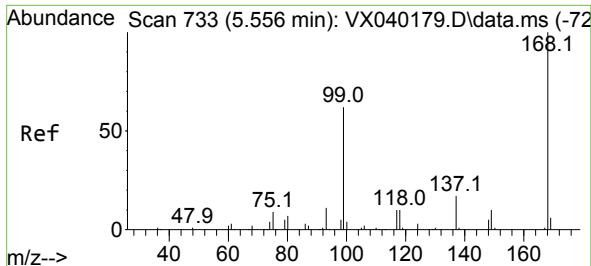
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
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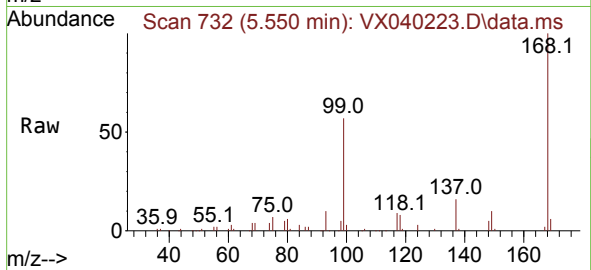
Quant Time: Feb 15 00:04:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



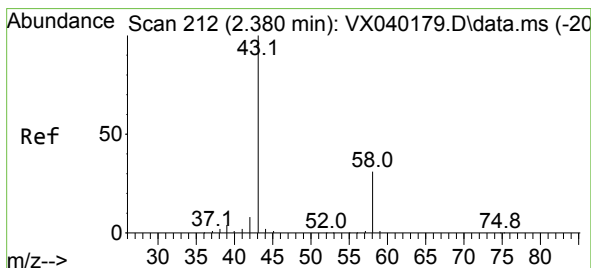
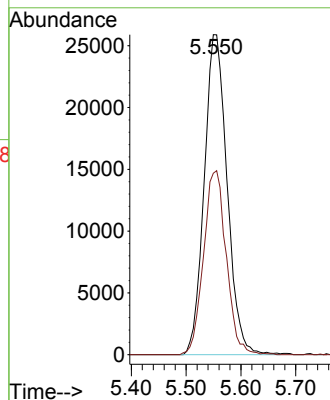
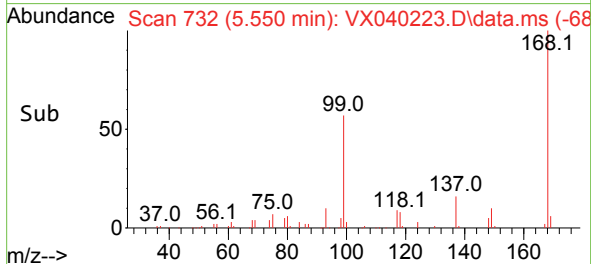


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Instrument :
MSVOA_X
ClientSampleId :

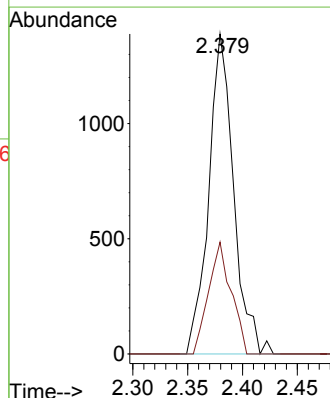
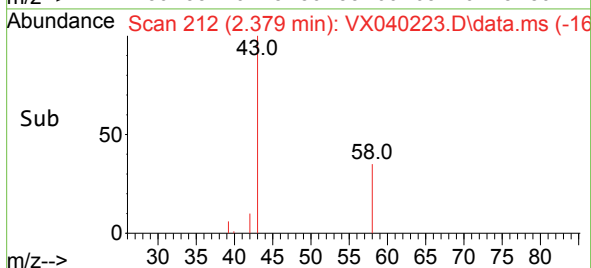
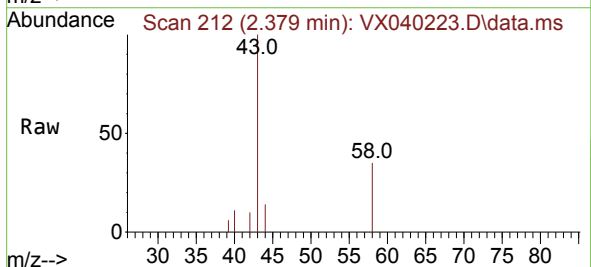


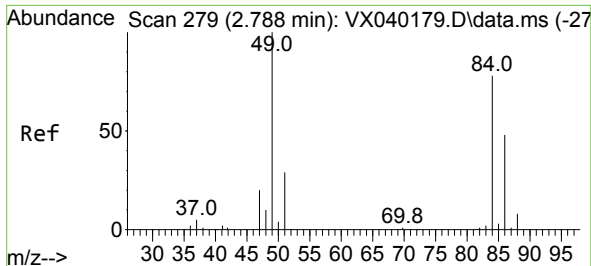
Tgt Ion:168 Resp: 74994
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#16
Acetone
Concen: 4.792 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Tgt Ion: 43 Resp: 2196
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 21

Delta R.T. 0.012 min

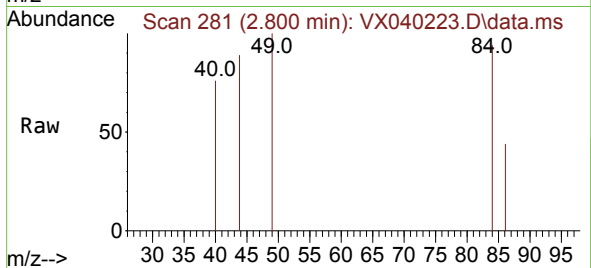
Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 149

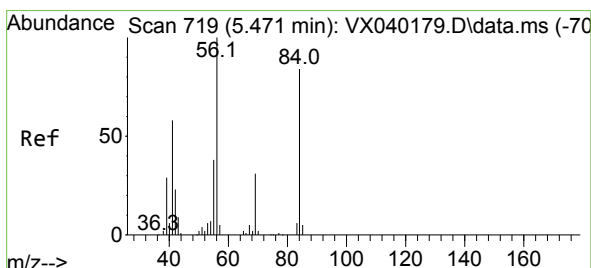
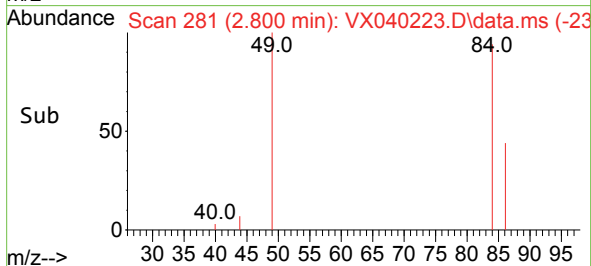
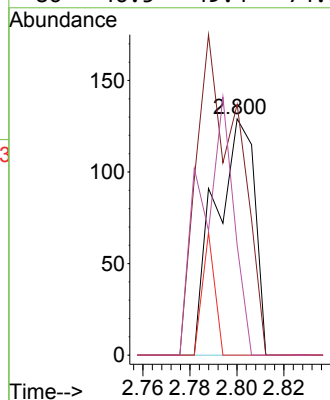
Ion Ratio Lower Upper

84 100

49 106.2 103.6 155.4

51 0.0 33.8 50.6#

86 46.5 49.4 74.0#



#31

Cyclohexane

Concen: 1.179 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

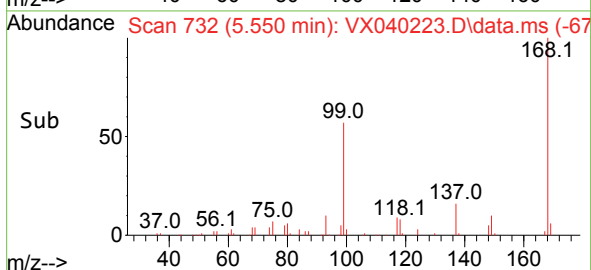
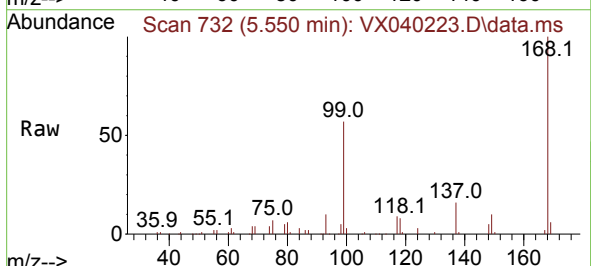
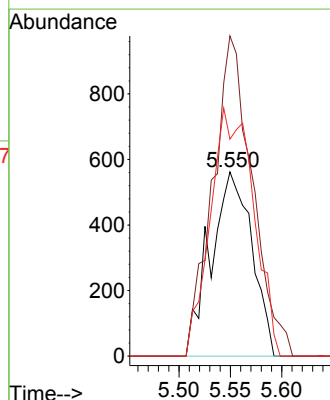
Tgt Ion: 56 Resp: 1569

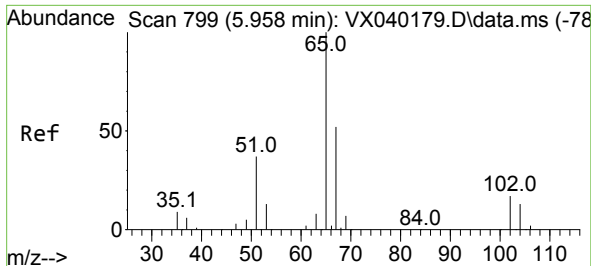
Ion Ratio Lower Upper

56 100

69 173.8 23.4 35.2#

84 117.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.342 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

Instrument :

MSVOA_X

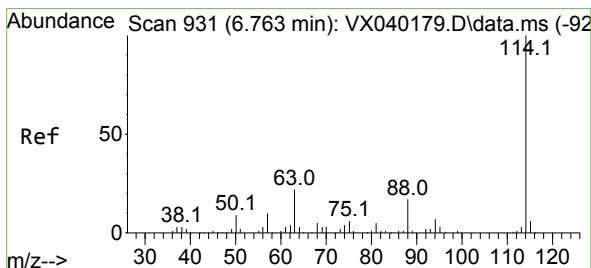
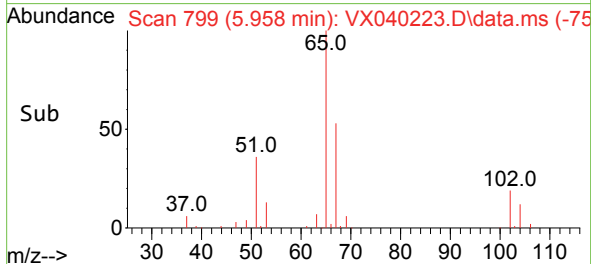
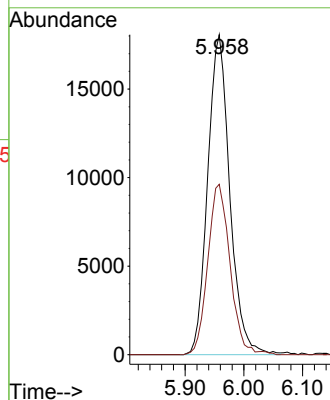
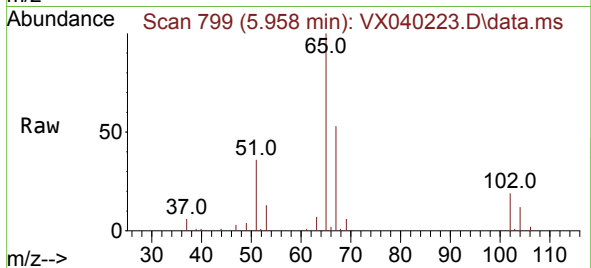
ClientSampleId :

Tgt Ion: 65 Resp: 47241

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

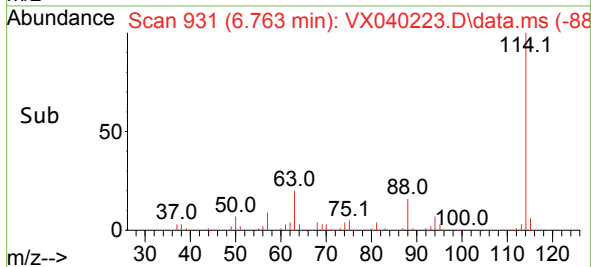
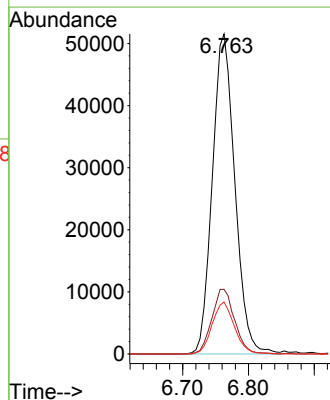
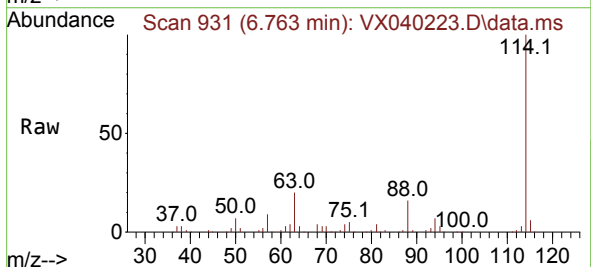
Tgt Ion: 114 Resp: 122860

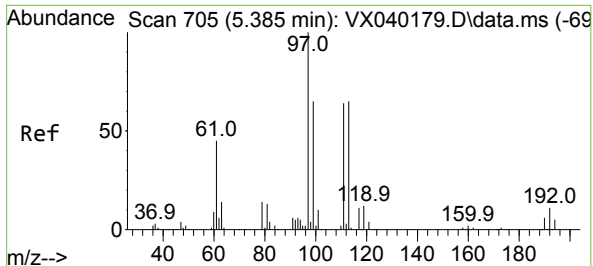
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.719 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

Instrument :

MSVOA_X

ClientSampleId :

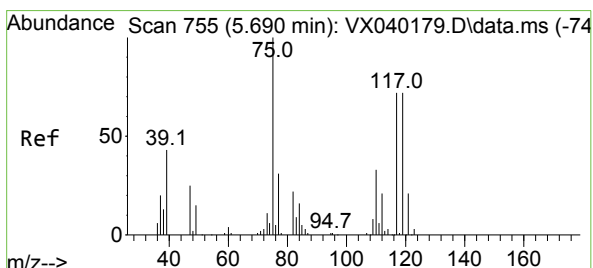
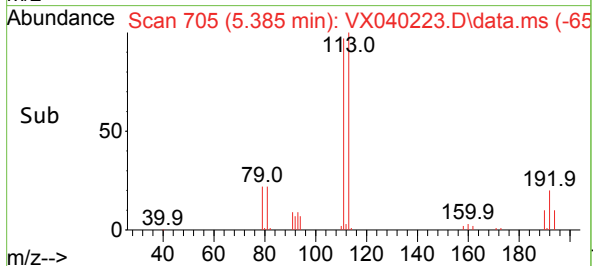
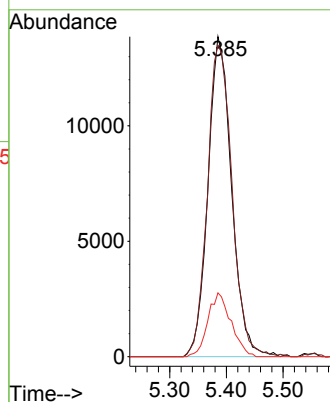
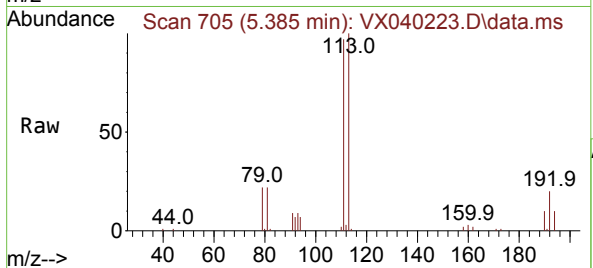
Tgt Ion:113 Resp: 40084

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

192 19.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.912 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

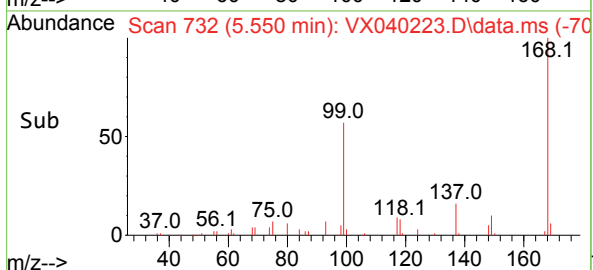
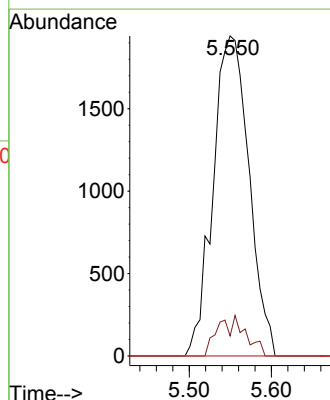
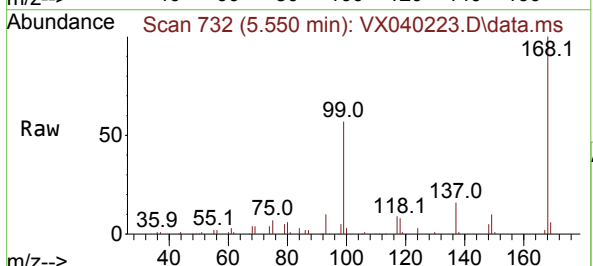
Tgt Ion: 75 Resp: 5904

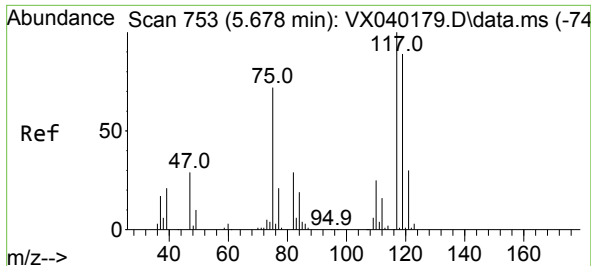
Ion Ratio Lower Upper

75 100

110 4.9 17.0 50.9#

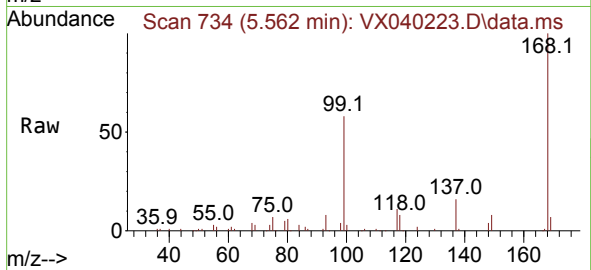
77 0.0 24.7 37.1#



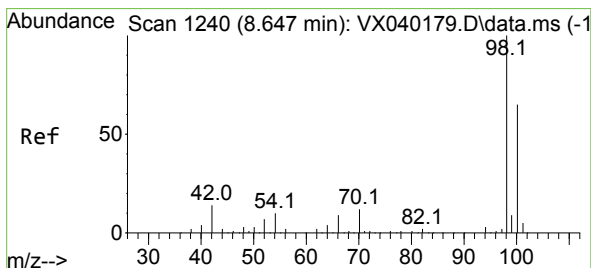
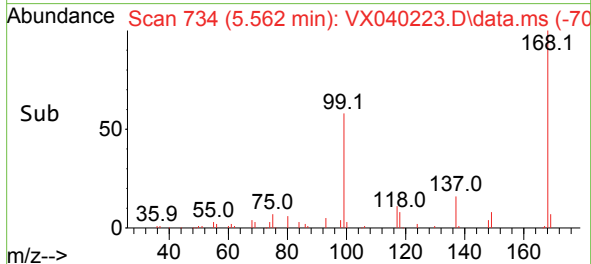
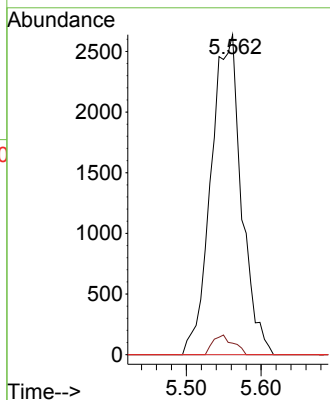


#38
Carbon Tetrachloride
Concen: 6.514 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.110 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Instrument :
MSVOA_X
ClientSampleId :

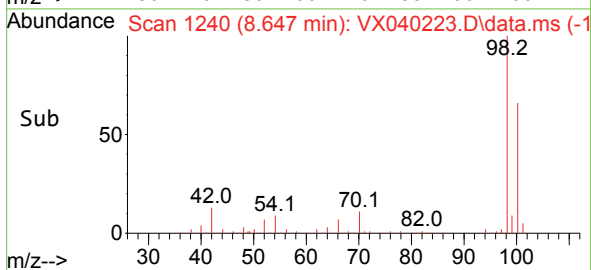
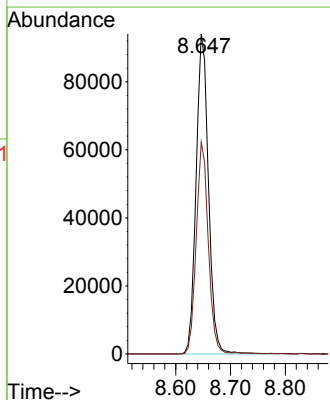
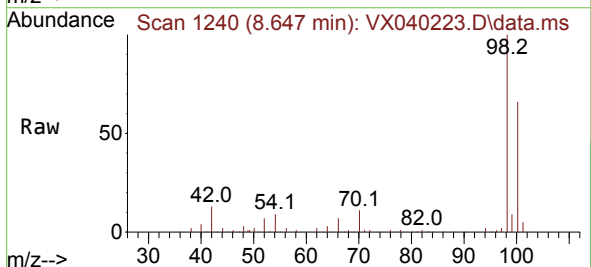


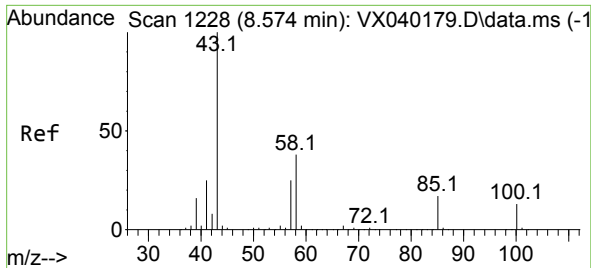
Tgt Ion:117 Resp: 7444
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.119 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Tgt Ion: 98 Resp: 148017
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

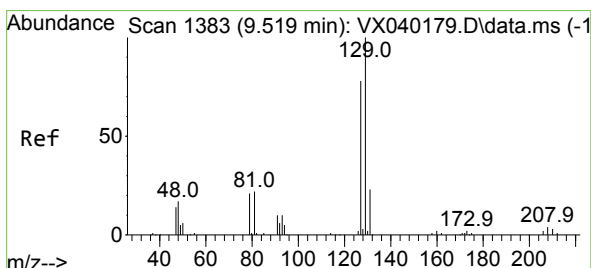
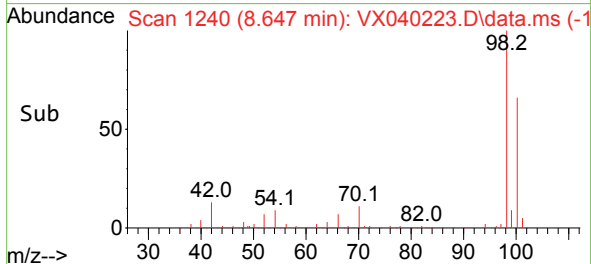
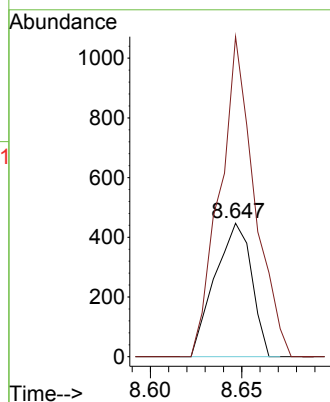
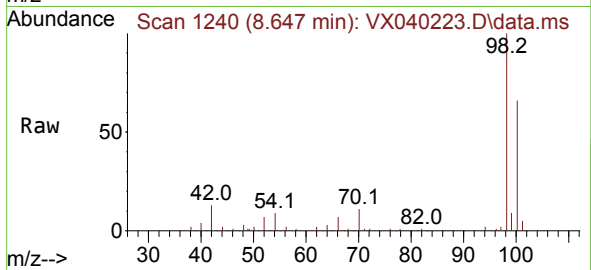




#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

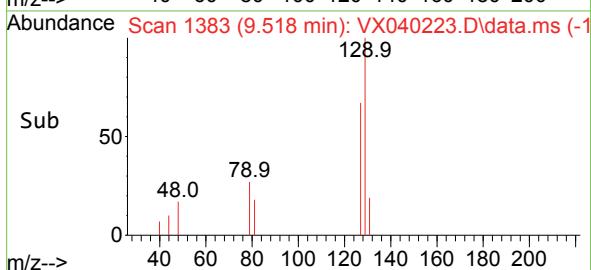
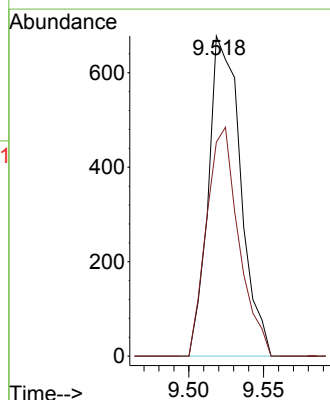
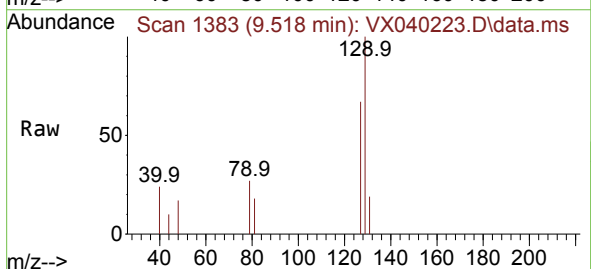
Instrument :
MSVOA_X
ClientSampleId :

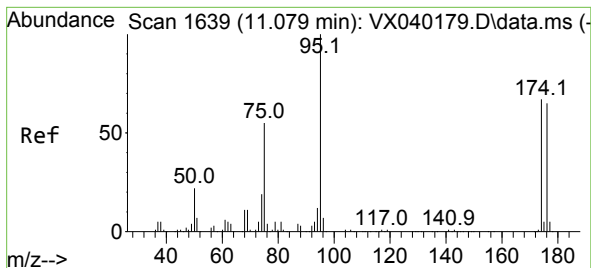
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 227.1 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.062 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Tgt Ion: 129 Resp: 1016
Ion Ratio Lower Upper
129 100
127 71.7 38.8 116.4

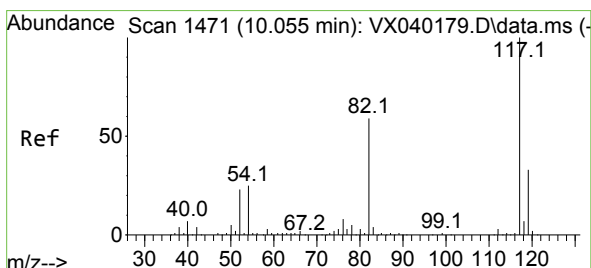
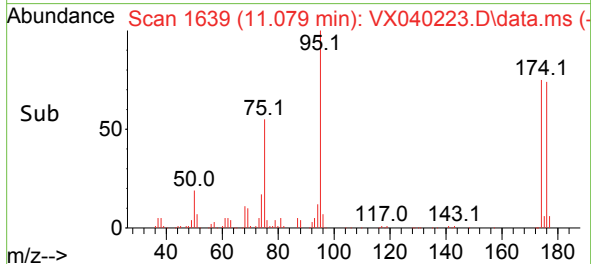
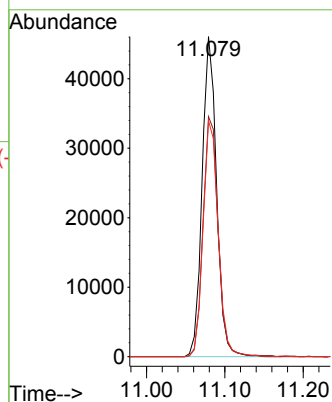
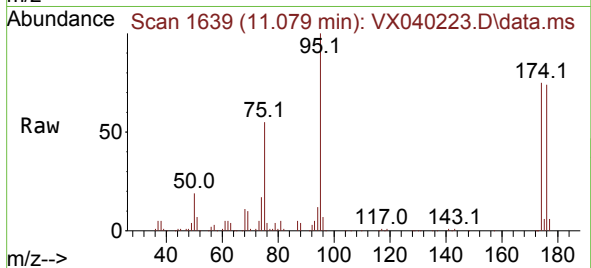




#62
4-Bromofluorobenzene
Concen: 45.294 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

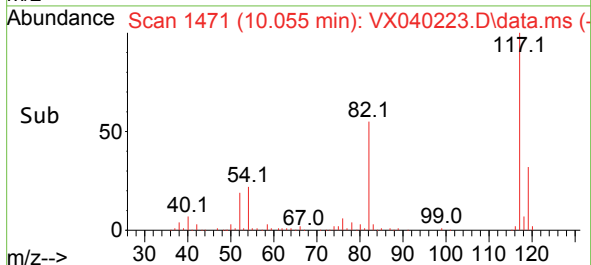
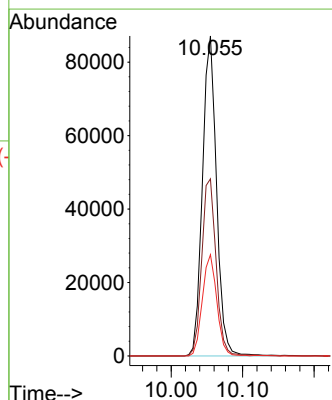
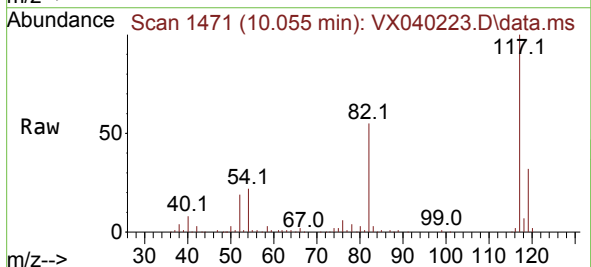
Instrument :
MSVOA_X
ClientSampleId :

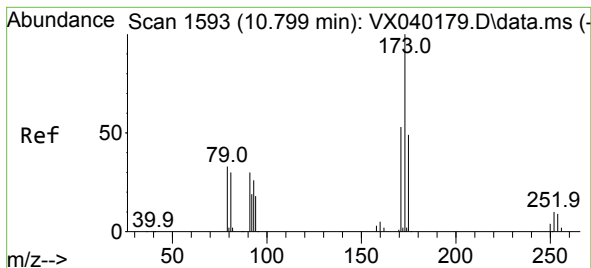
Tgt Ion: 95 Resp: 59288
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 76.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Tgt Ion: 117 Resp: 119387
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.7 25.5 38.3





#71

Bromoform

Concen: 4.363 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040223.D

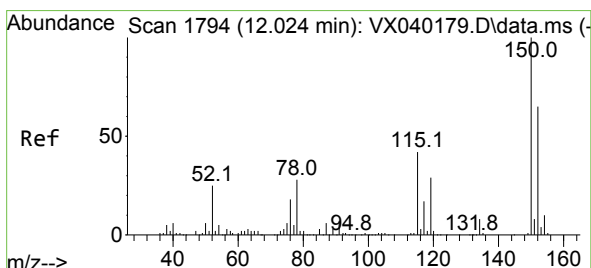
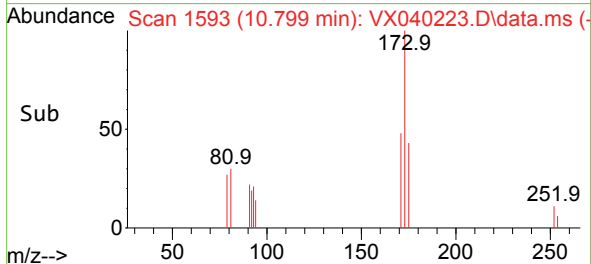
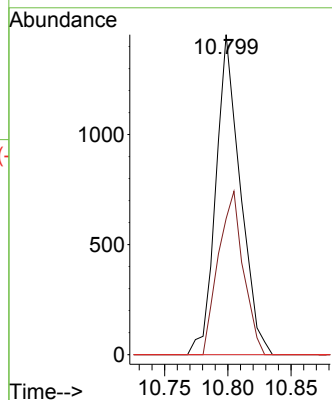
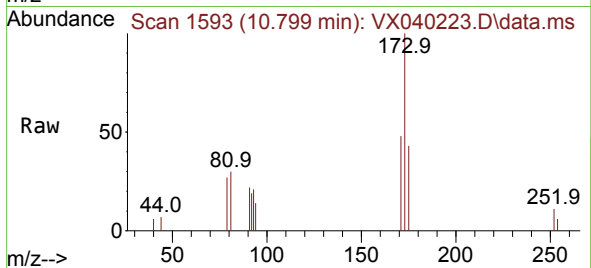
Acq: 14 Feb 2024 16:18

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173	Resp:	1950
Ion Ratio	Lower	Upper
173	100	
175	52.2	24.1 72.4
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

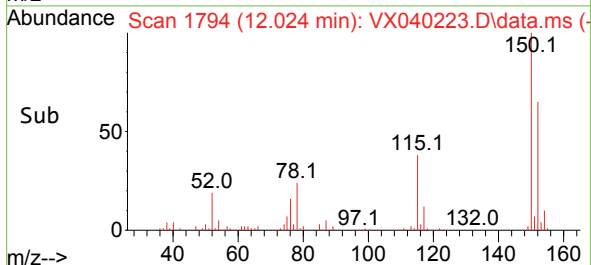
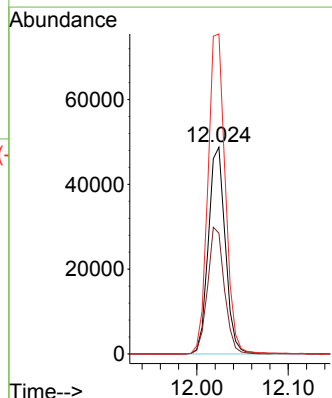
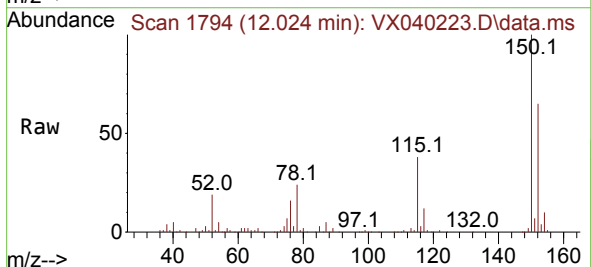
RT: 12.024 min Scan# 1794

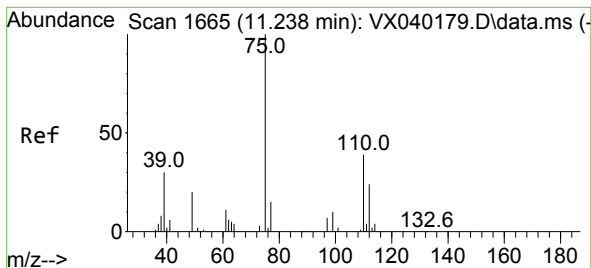
Delta R.T. -0.000 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

Tgt Ion:152	Resp:	62649
Ion Ratio	Lower	Upper
152	100	
115	60.9	43.3 129.9
150	158.6	0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.891 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

Instrument :

MSVOA_X

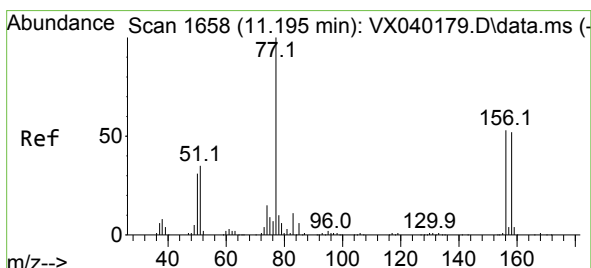
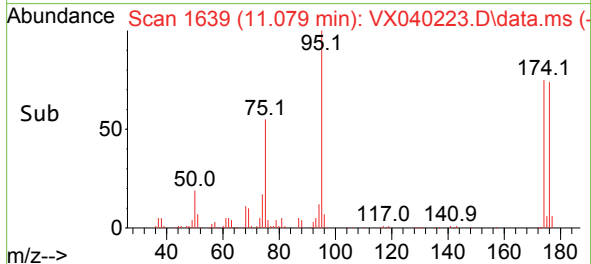
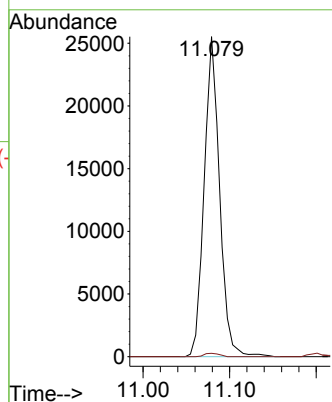
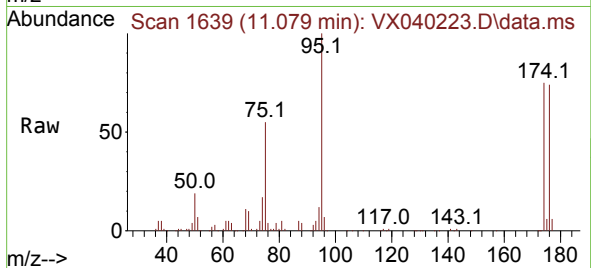
ClientSampleId :

Tgt Ion: 75 Resp: 31578

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#77

Bromobenzene

Concen: 0.224 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX040223.D

Acq: 14 Feb 2024 16:18

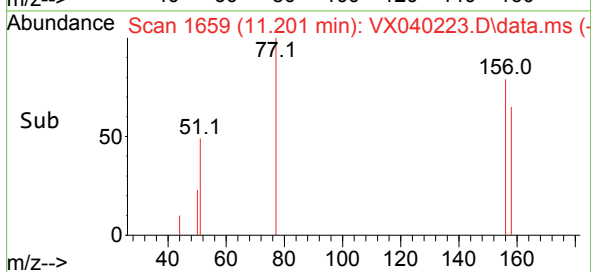
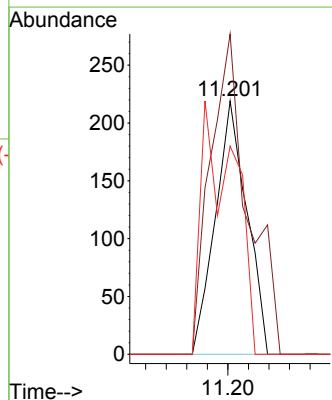
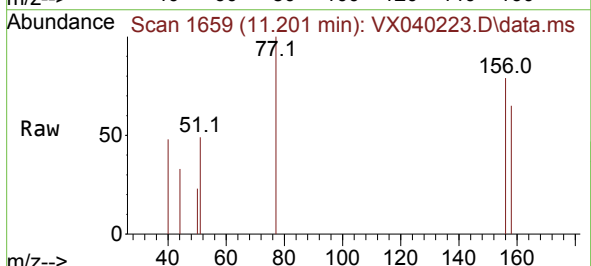
Tgt Ion: 156 Resp: 233

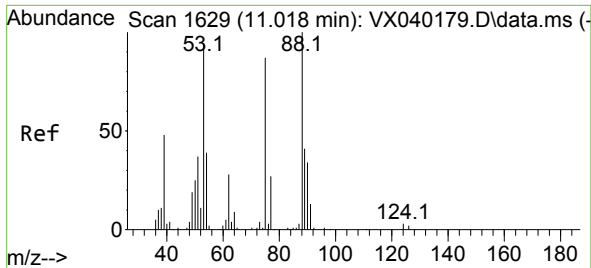
Ion Ratio Lower Upper

156 100

77 150.6 88.4 265.3

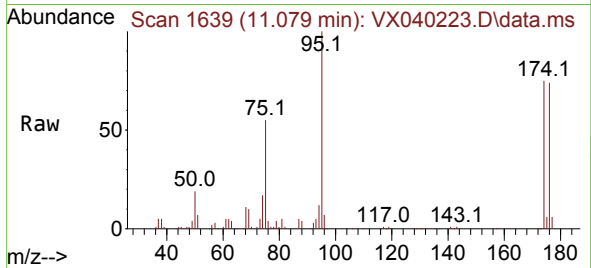
158 105.6 48.0 144.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.483 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040223.D
 Acq: 14 Feb 2024 16:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31578
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

