

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 :
 T385-AOP

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)

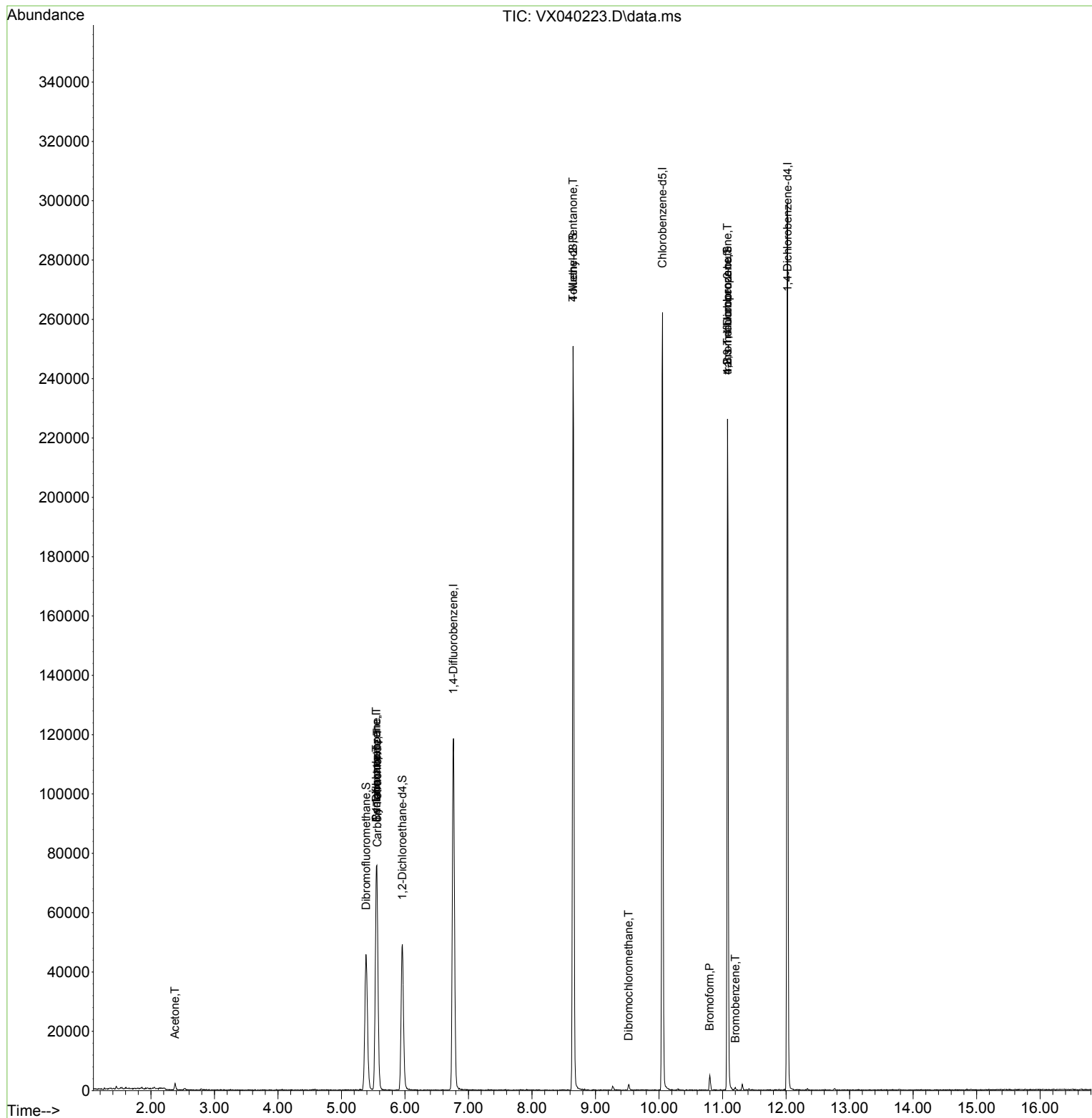
Internal Standards						
1) Pentafluorobenzene	5.550	168	74994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

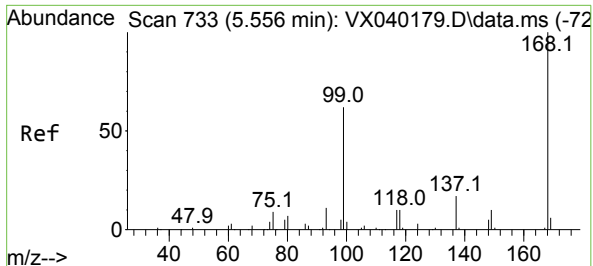
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

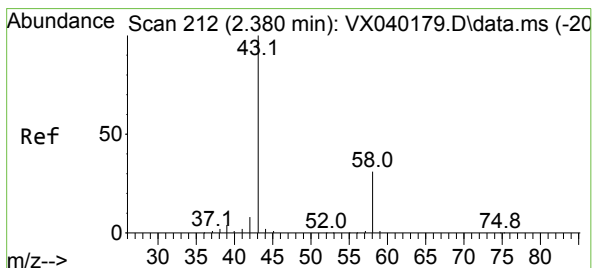
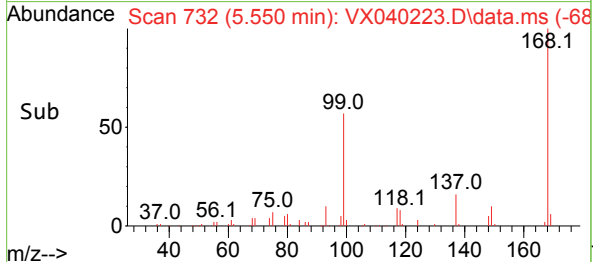
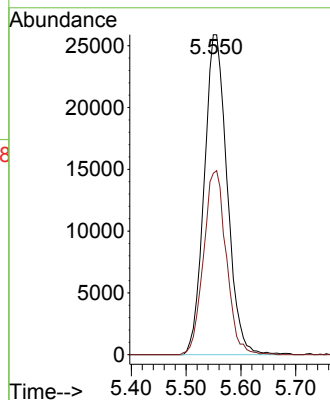
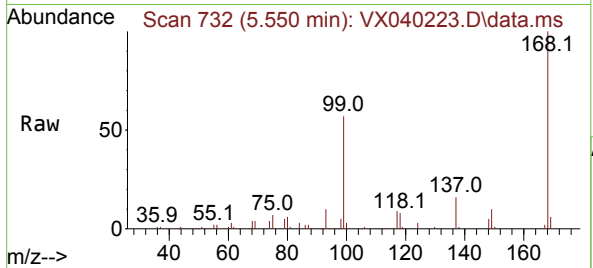




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

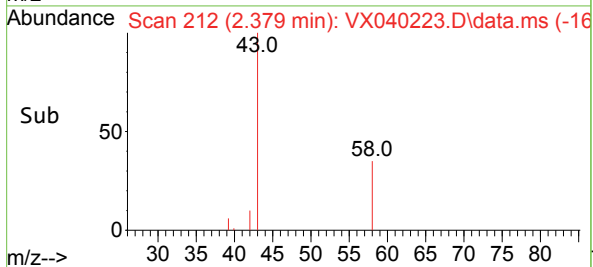
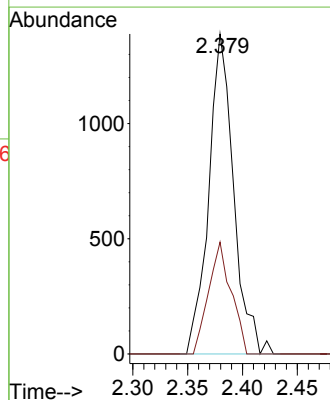
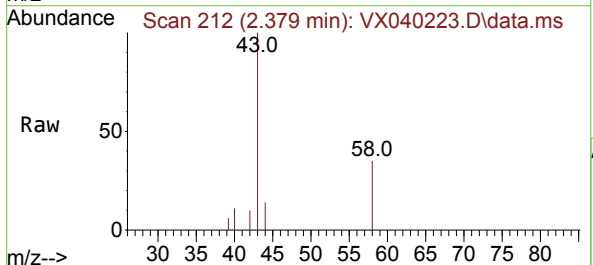
Instrument :
MSVOA_X
ClientSampleId :
T385-AOP

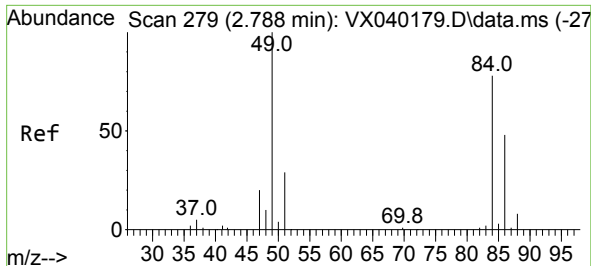
Tgt Ion:168 Resp: 74994
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#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#

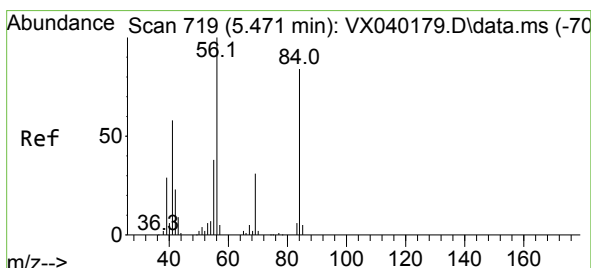
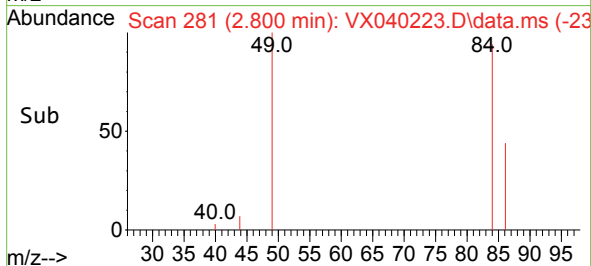
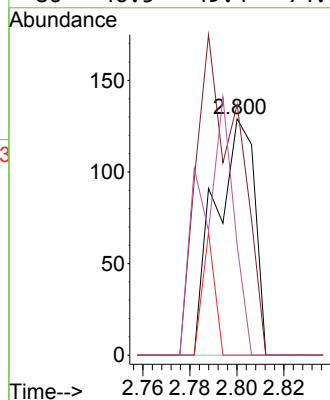
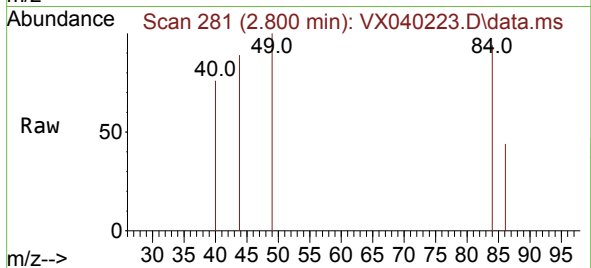




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

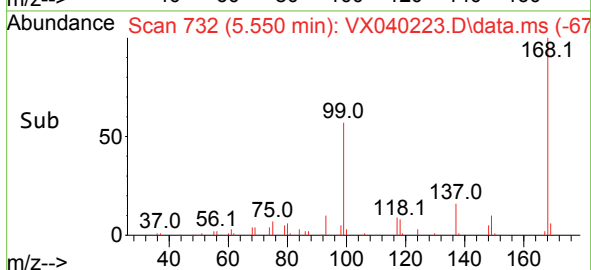
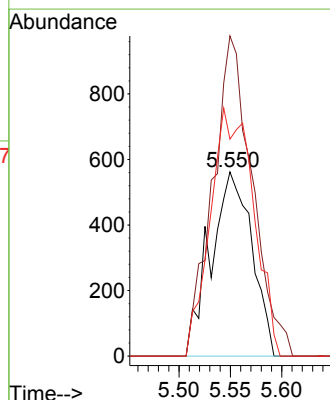
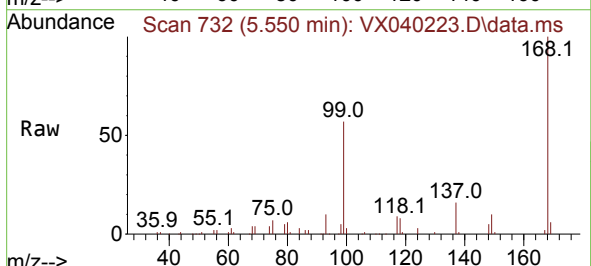
Instrument :
MSVOA_X
ClientSampleId :
T385-AOP

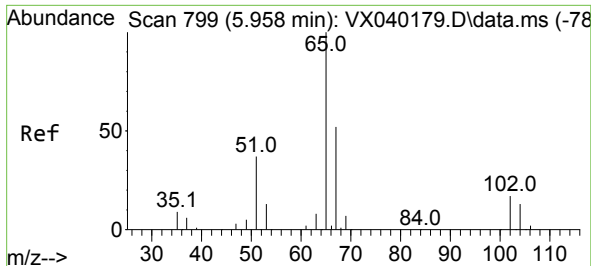
Tgt Ion: 84	Resp:	149	
Ion	Ratio	Lower	Upper
84	100		
49	106.2	103.6	155.4
51	0.0	33.8	50.6#
86	46.5	49.4	74.0#



#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 :

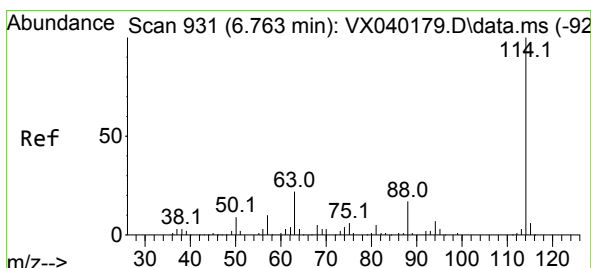
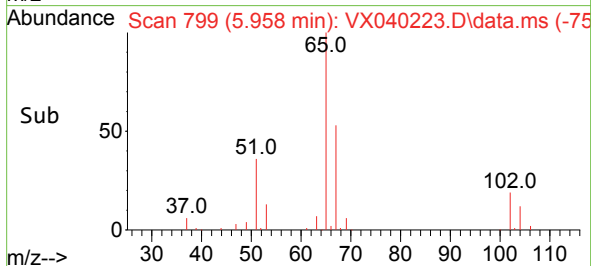
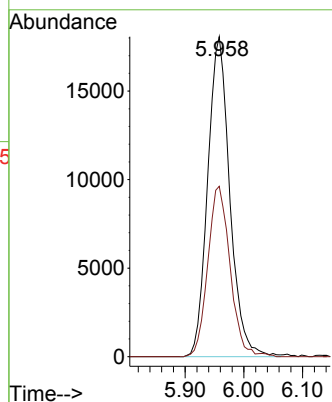
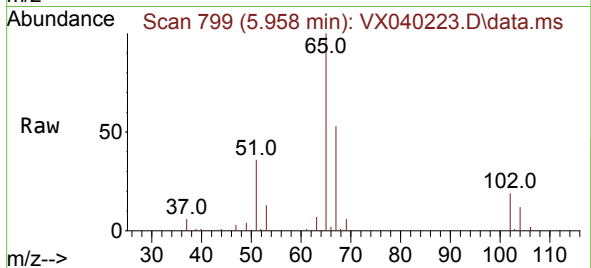
T385-AOP

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

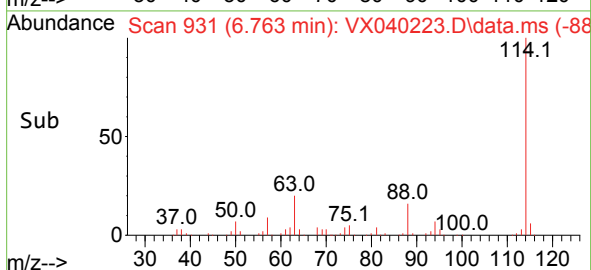
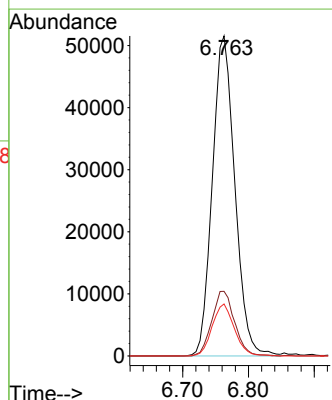
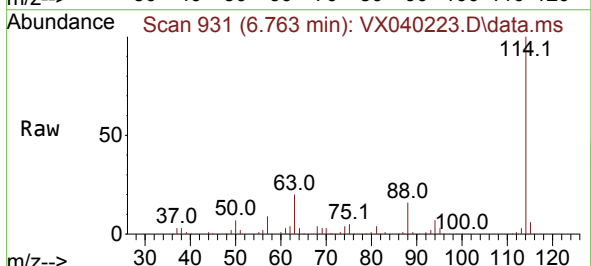
Tgt Ion: 114 Resp: 122860

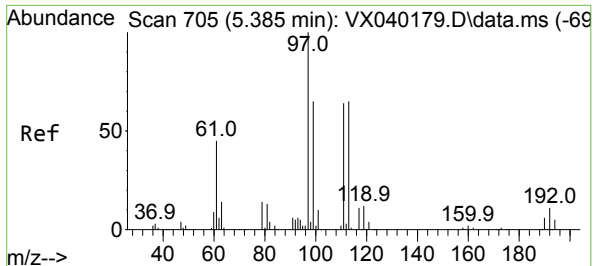
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

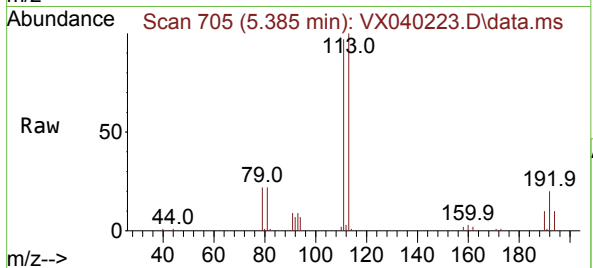
88 16.3 0.0 36.6



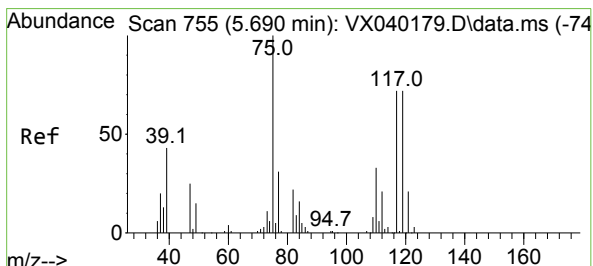
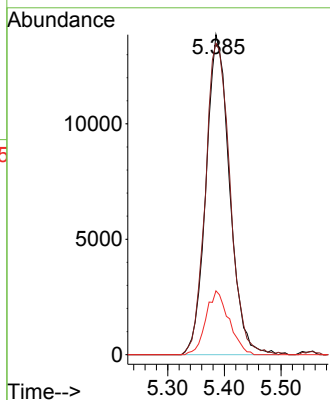
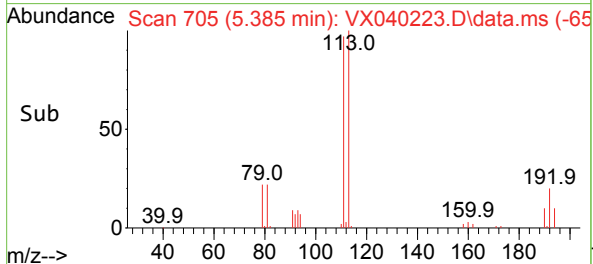


#35
Dibromofluoromethane
Concen: 46.719 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Instrument :
MSVOA_X
ClientSampleId :
T385-AOP

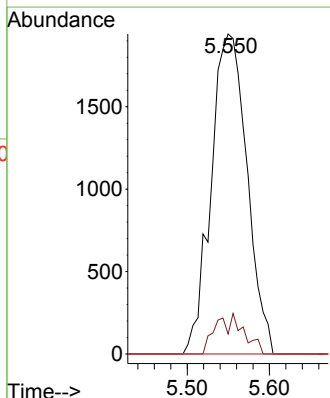
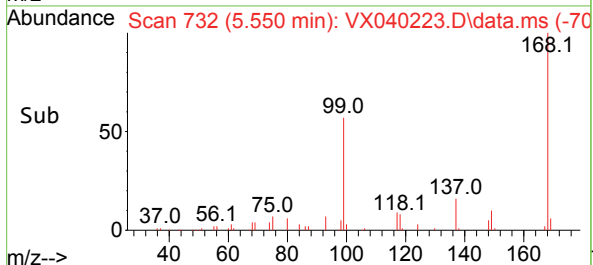
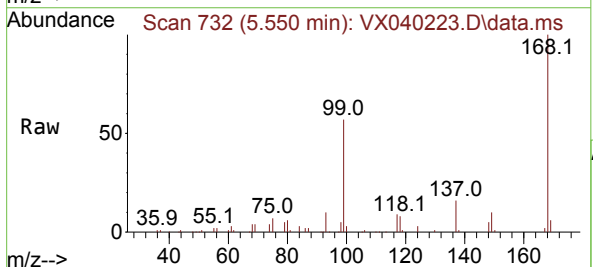


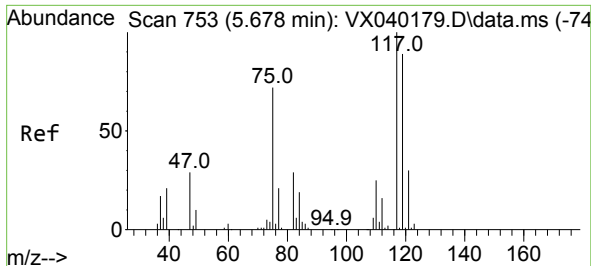
Tgt Ion:113 Resp: 40084
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 19.6 13.3 19.9



#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

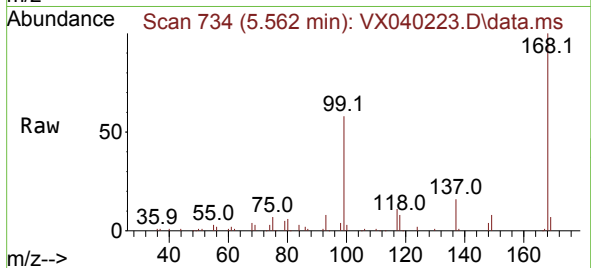
Tgt Ion: 75 Resp: 5904
Ion Ratio Lower Upper
75 100
110 4.9 17.0 50.9#
77 0.0 24.7 37.1#



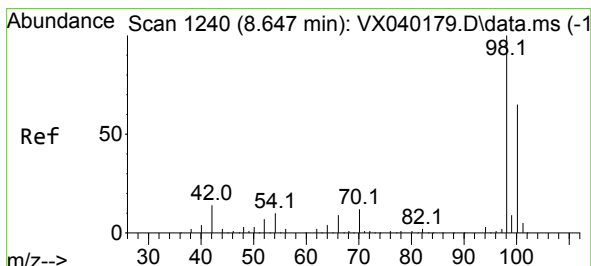
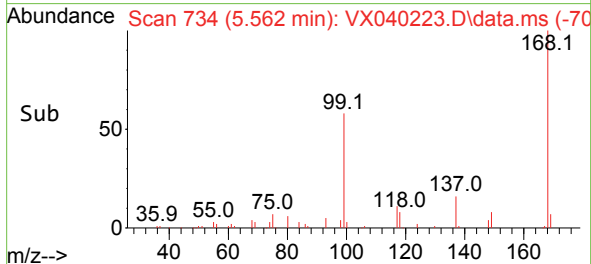
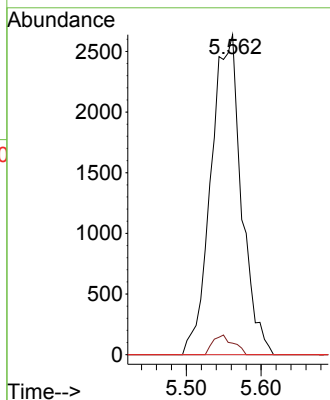


#38
Carbon Tetrachloride
Concen: 6.514 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.110 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

Instrument :
MSVOA_X
ClientSampleId :
T385-AOP

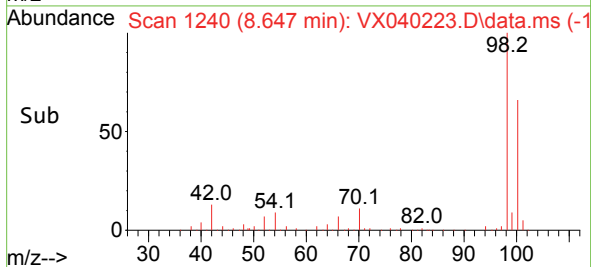
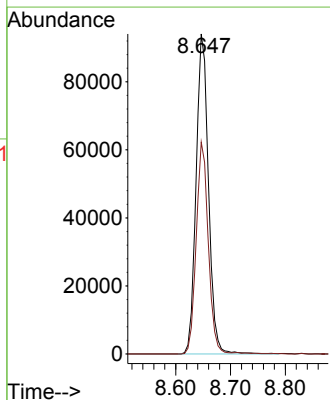
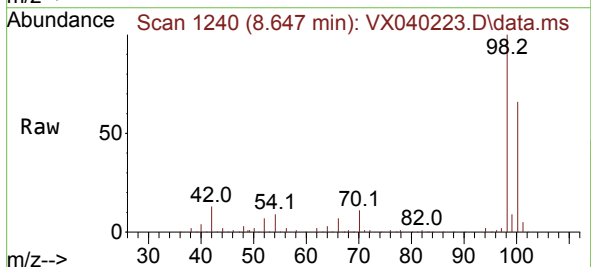


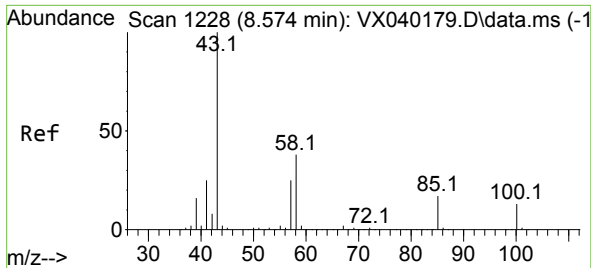
Tgt Ion:117 Resp: 7444
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#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

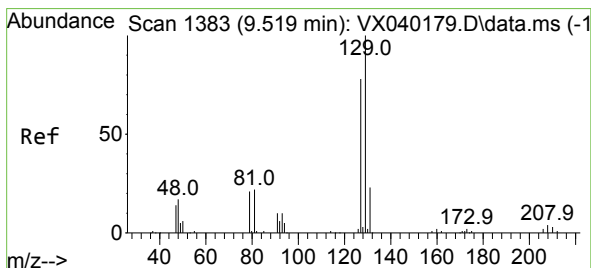
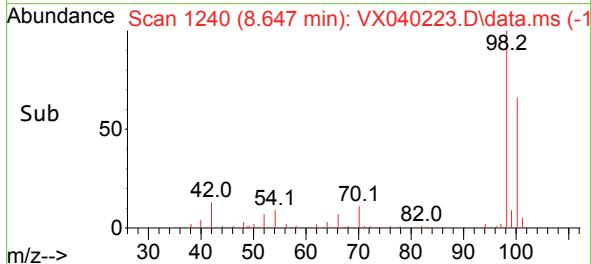
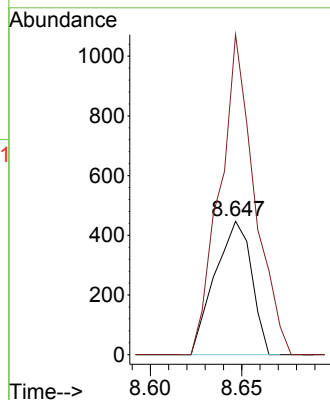
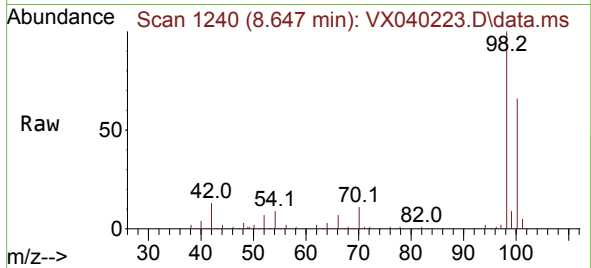




#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

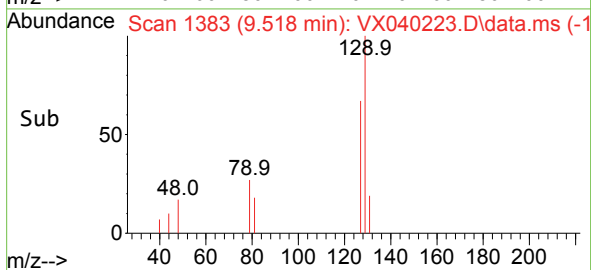
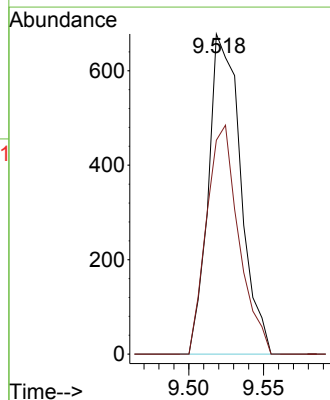
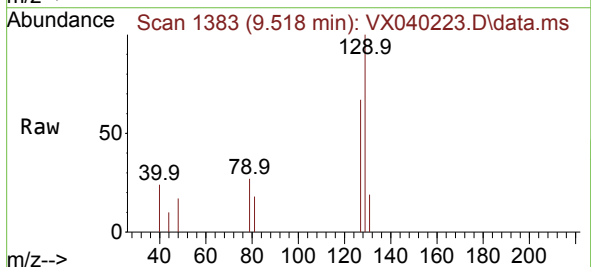
Instrument :
MSVOA_X
ClientSampleId :
T385-AOP

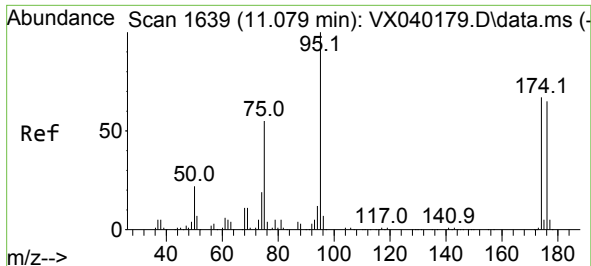
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 227.1 30.4 45.6#



#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

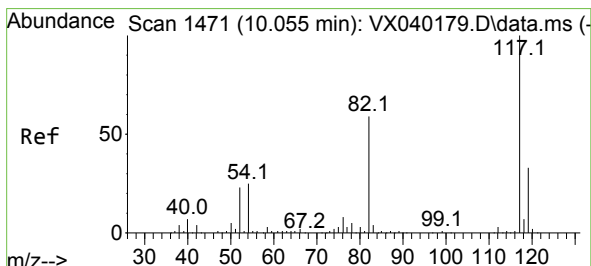
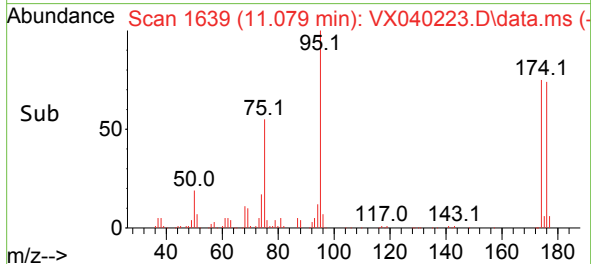
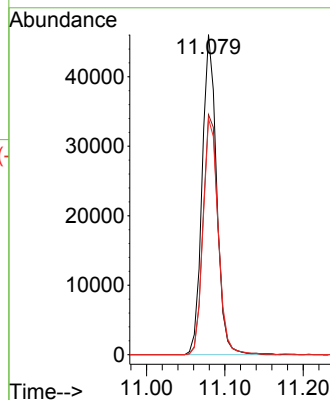
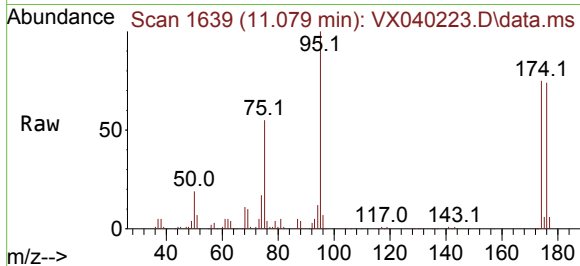




#62
4-Bromofluorobenzene
Concen: 45.294 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040223.D
Acq: 14 Feb 2024 16:18

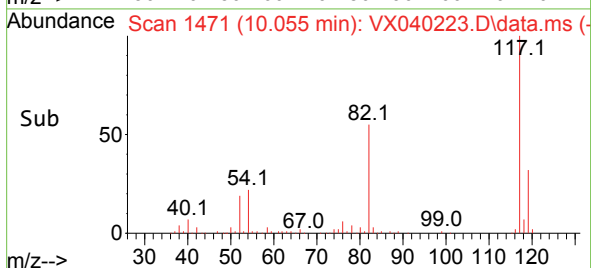
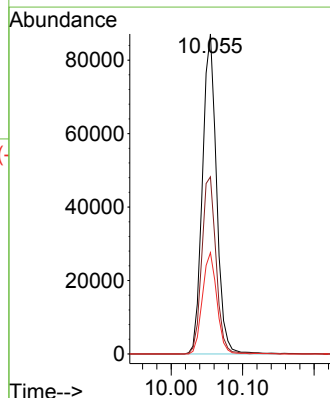
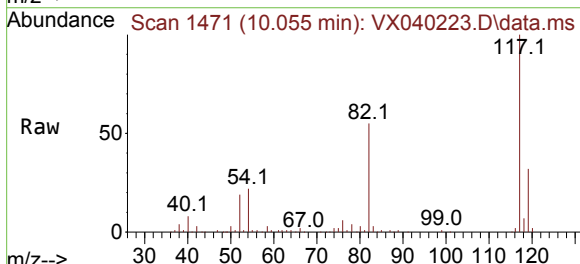
Instrument :
MSVOA_X
ClientSampleId :
T385-AOP

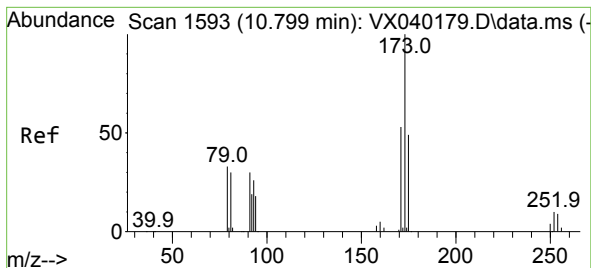
Tgt Ion: 95 Resp: 59288
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 76.8 0.0 131.0



#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 :

T385-AOP

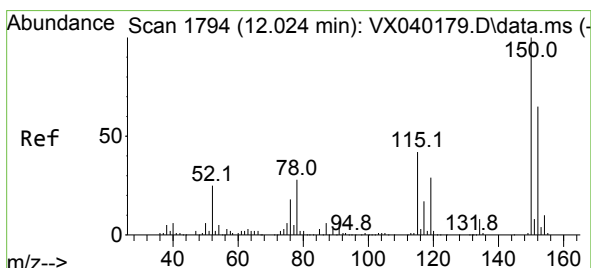
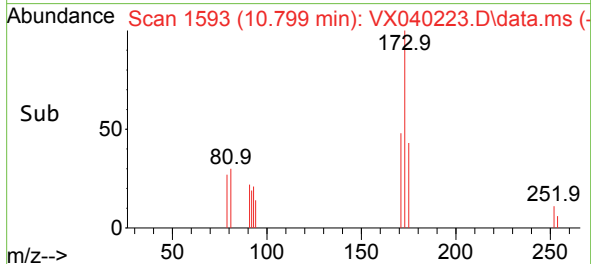
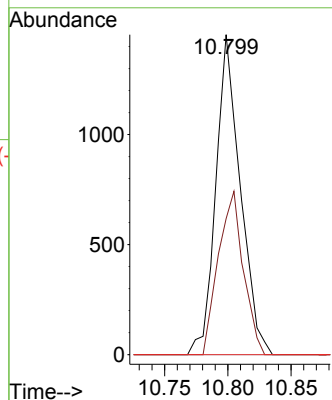
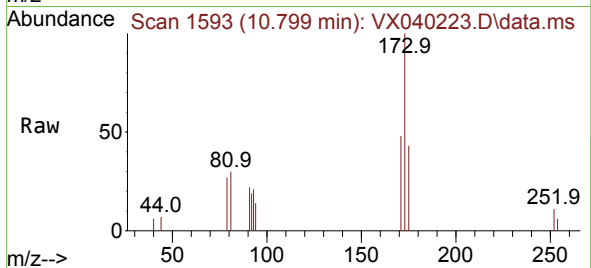
Tgt Ion:173 Resp: 1950

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

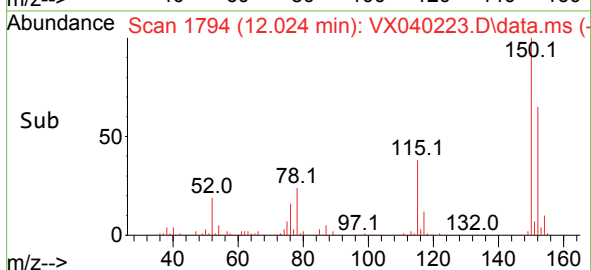
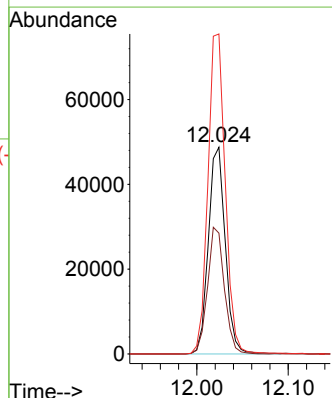
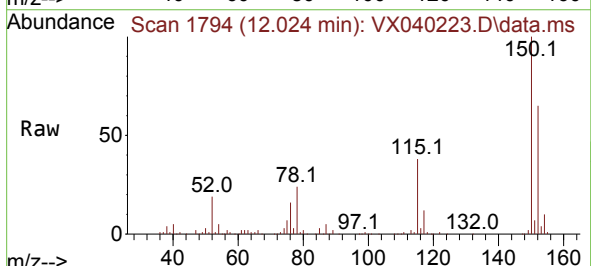
Tgt Ion:152 Resp: 62649

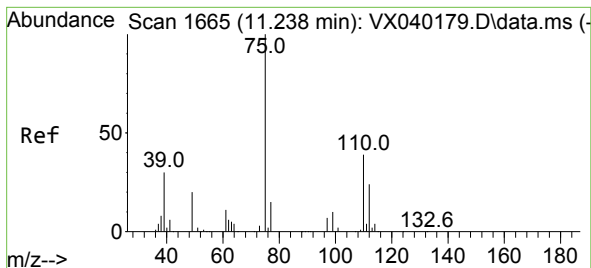
Ion Ratio Lower Upper

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 :

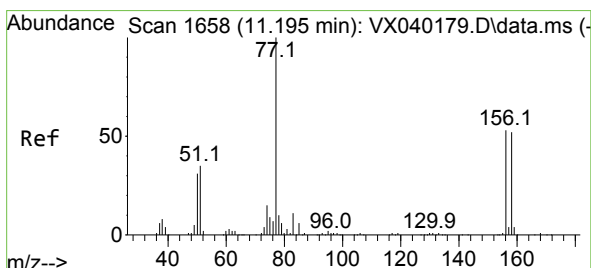
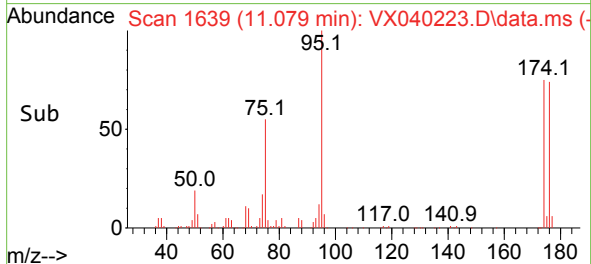
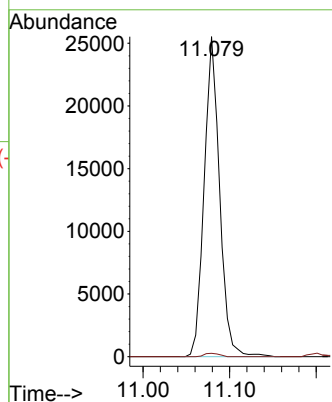
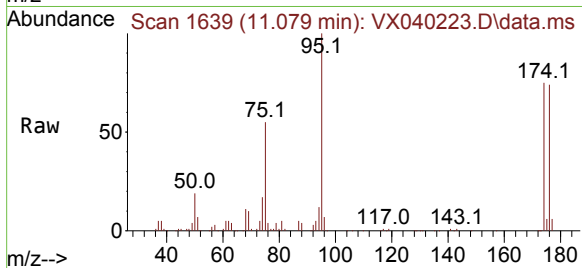
T385-AOP

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

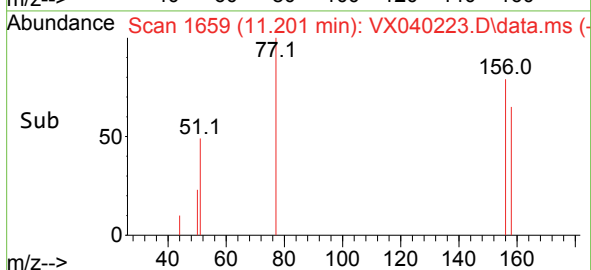
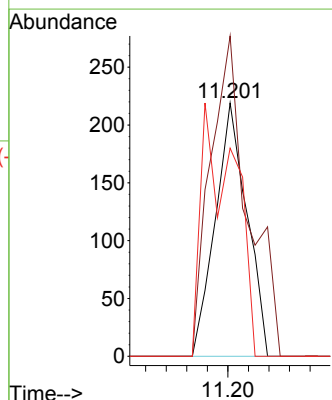
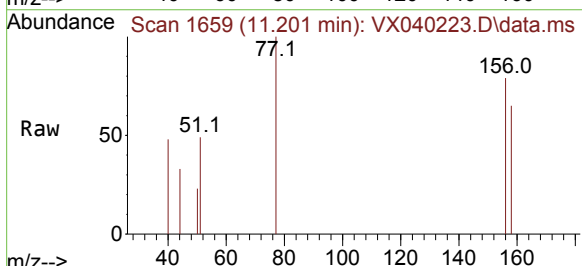
Tgt Ion: 156 Resp: 233

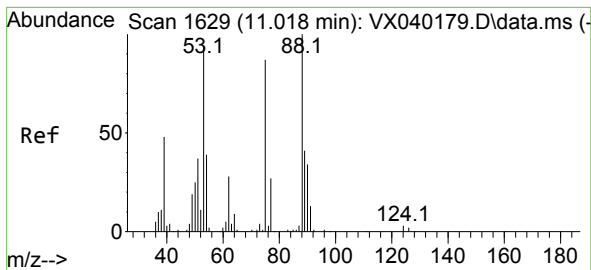
Ion Ratio Lower Upper

156 100

77 150.6 88.4 265.3

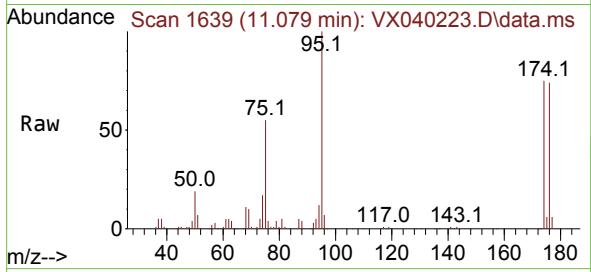
158 105.6 48.0 144.0





#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 :
 T385-AOP



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#

