

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037020.D
 Acq On : 16 Aug 2023 16:12
 Operator : JC/MD
 Sample : 04024-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178S-20230815

Quant Time: Aug 17 04:16:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

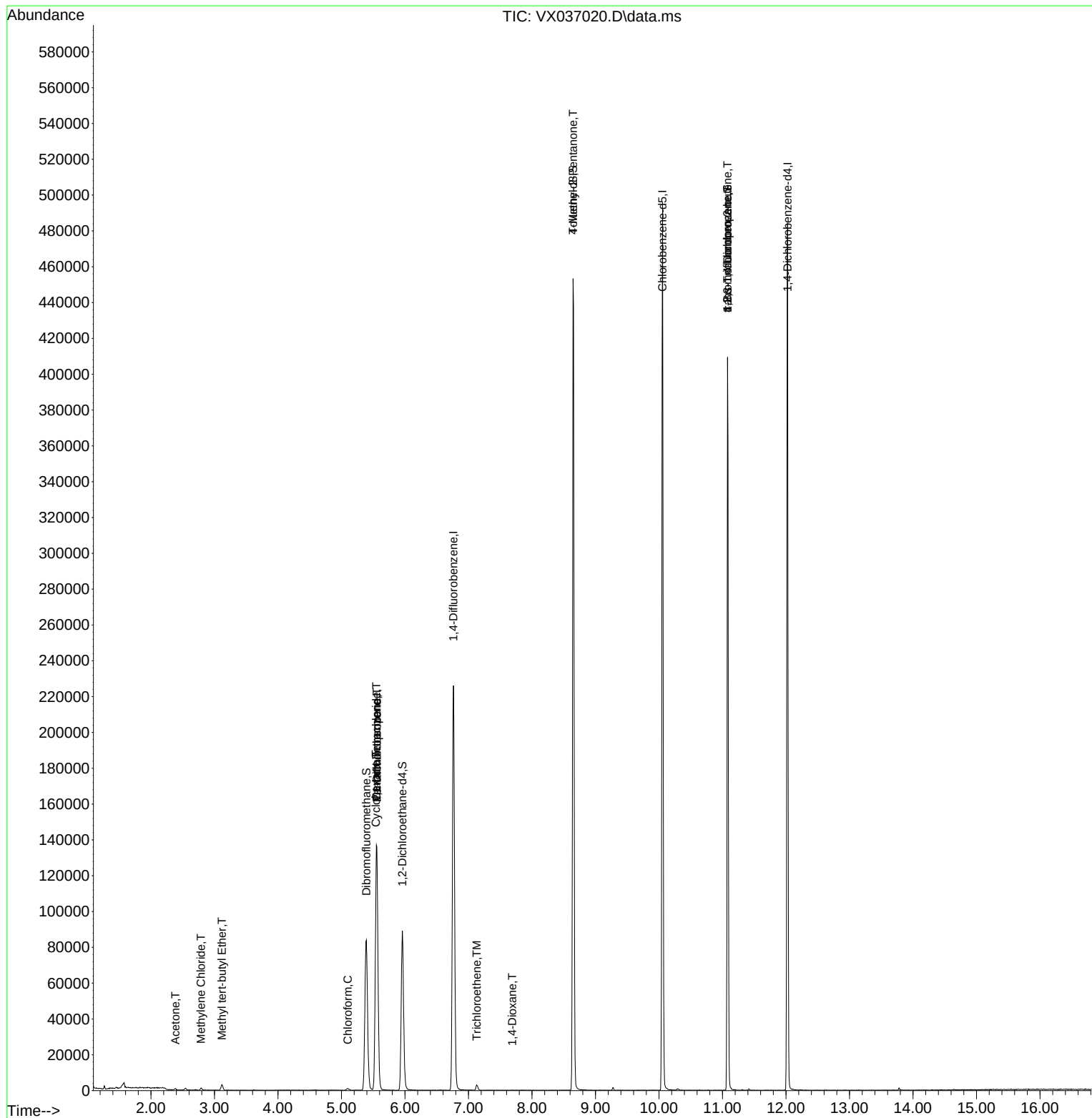
Internal Standards						
1) Pentafluorobenzene	5.556	168	126225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88348	47.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.600%
35) Dibromofluoromethane	5.391	113	74758	46.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	277903	48.933	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.079	95	110963	51.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.580%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	758	0.978	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	3506	0.660	ug/l	100
20) Methylene Chloride	2.788	84	703	0.408	ug/l #	82
30) Chloroform	5.099	83	1223	0.403	ug/l #	75
31) Cyclohexane	5.544	56	2706	1.046	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	10611	4.445	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13538	5.335	ug/l #	15
44) Trichloroethene	7.129	130	1209	0.666	ug/l	83
49) 1,4-Dioxane	7.690	88	48	1.099	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	1094	0.425	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56967	23.934	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56967	54.247	ug/l #	5

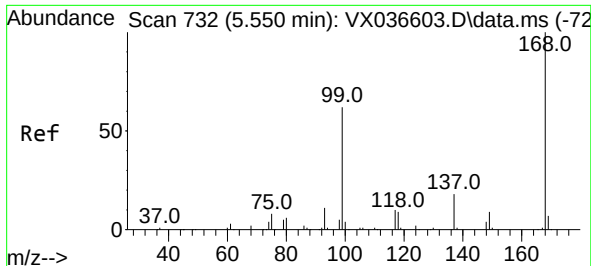
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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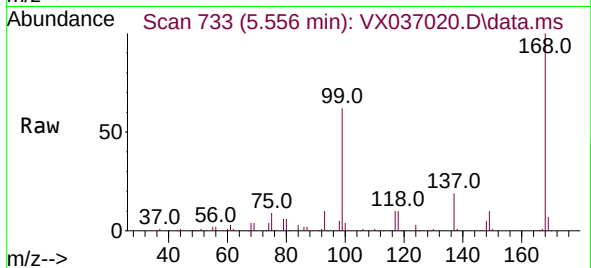
Quant Time: Aug 17 04:16:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



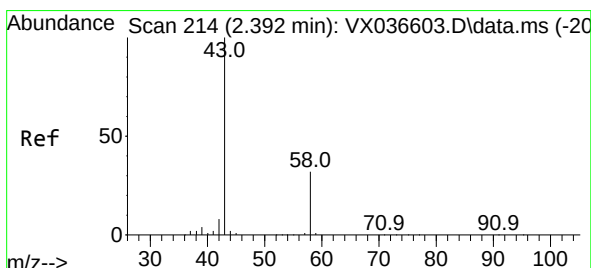
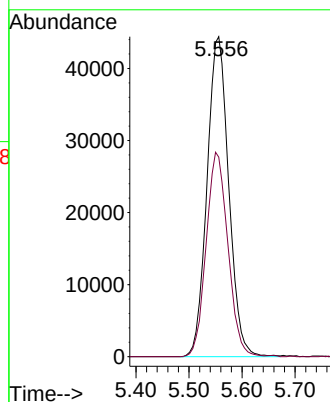
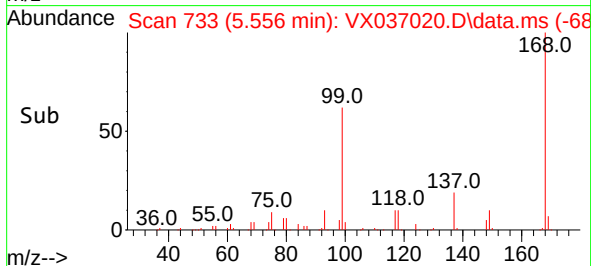


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20230815

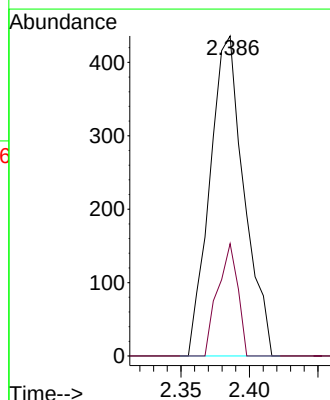
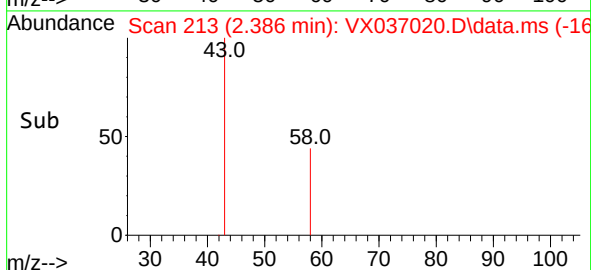
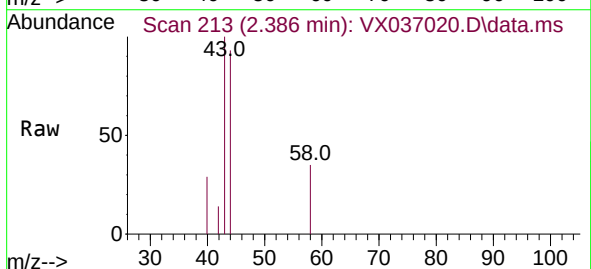


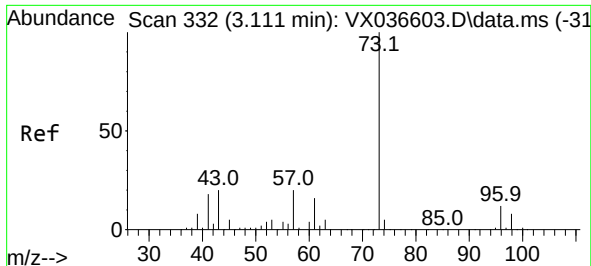
Tgt Ion:168 Resp: 126225
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#16
Acetone
Concen: 0.978 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 35.1 21.9 32.9#





#19

Methyl tert-butyl Ether

Concen: 0.660 ug/l

RT: 3.117 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

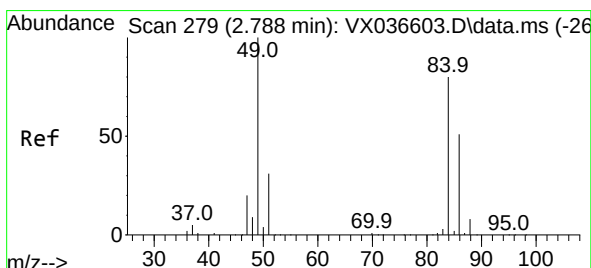
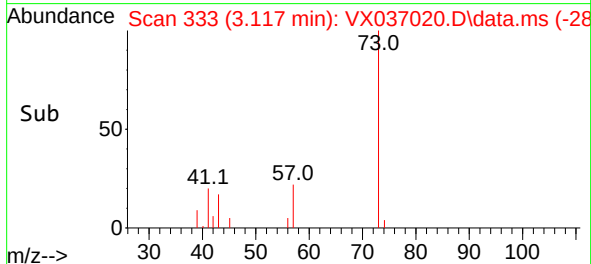
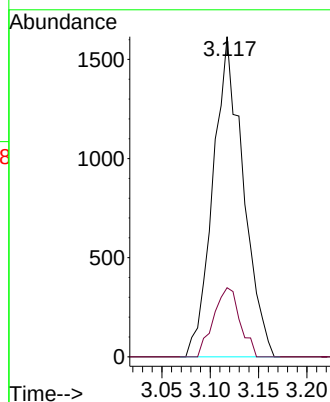
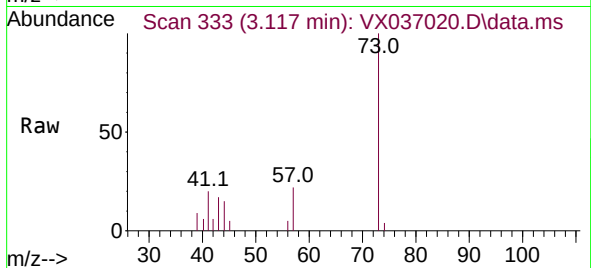
MW178S-20230815

Tgt Ion: 73 Resp: 3506

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 0.408 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Tgt Ion: 84 Resp: 703

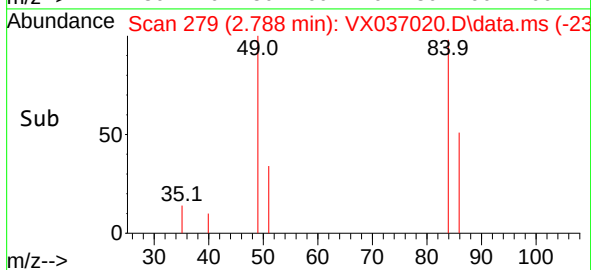
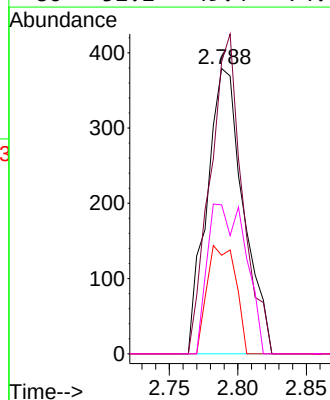
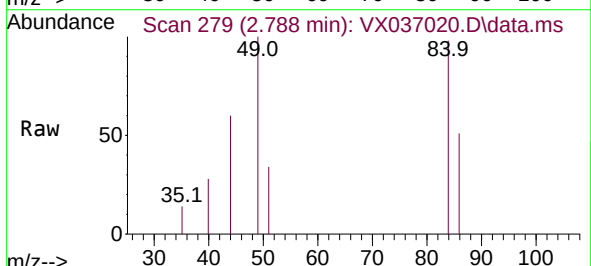
Ion Ratio Lower Upper

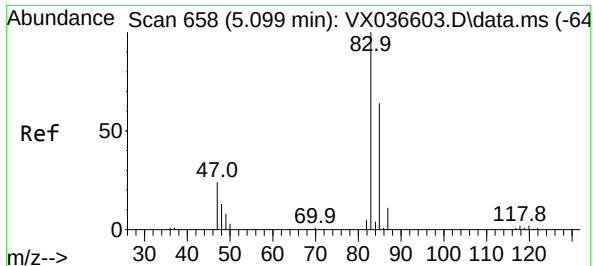
84 100

49 102.4 103.6 155.4#

51 34.6 33.8 50.6

86 52.2 49.4 74.0





#30

Chloroform

Concen: 0.403 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

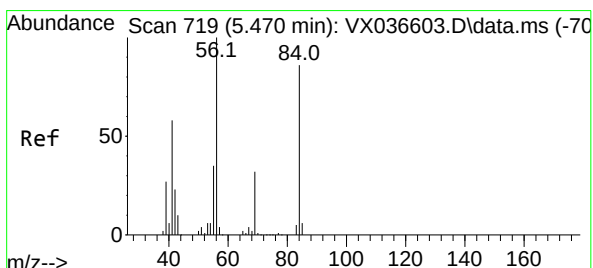
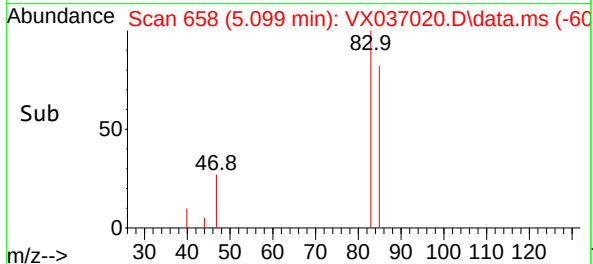
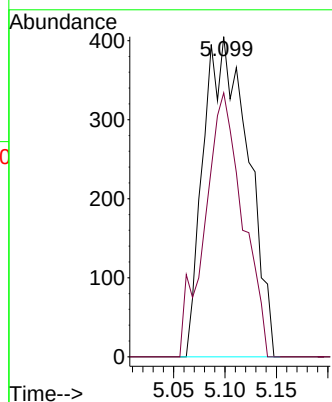
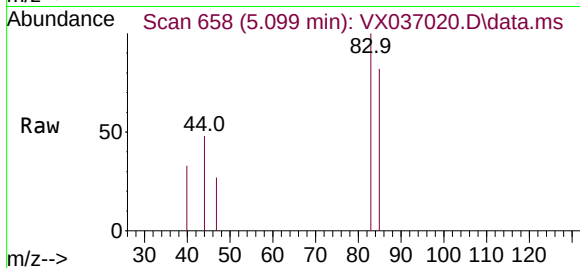
MW178S-20230815

Tgt Ion: 83 Resp: 1223

Ion Ratio Lower Upper

83 100

85 82.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.046 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

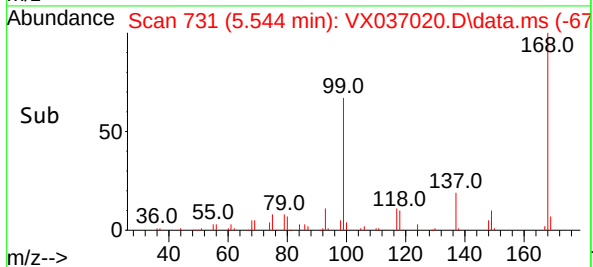
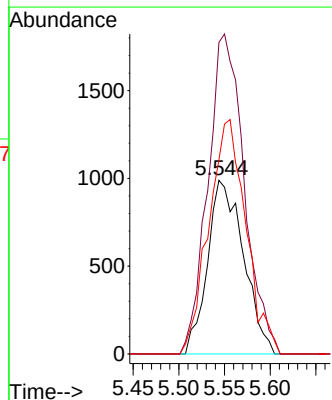
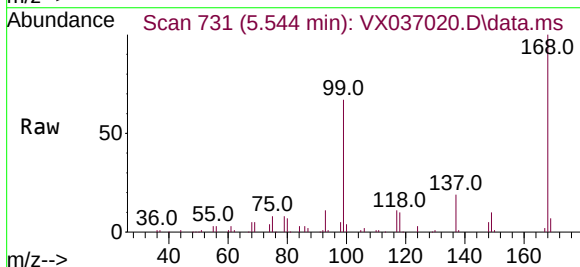
Tgt Ion: 56 Resp: 2706

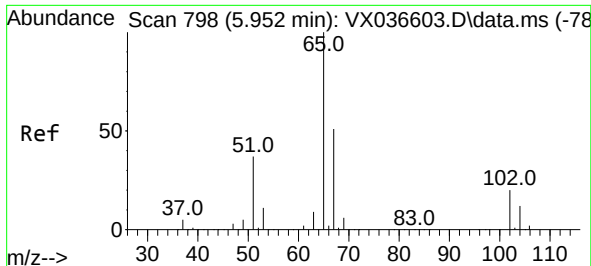
Ion Ratio Lower Upper

56 100

69 179.5 23.4 35.2#

84 111.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.303 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

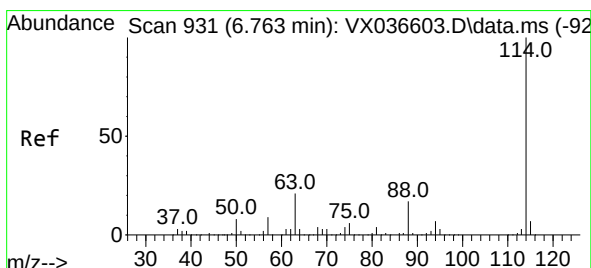
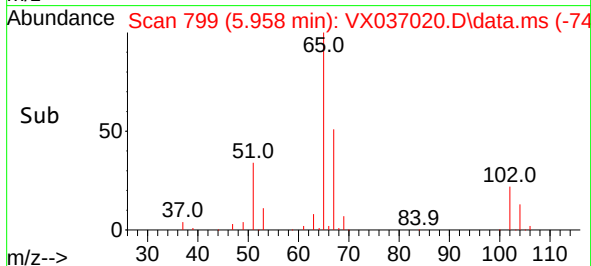
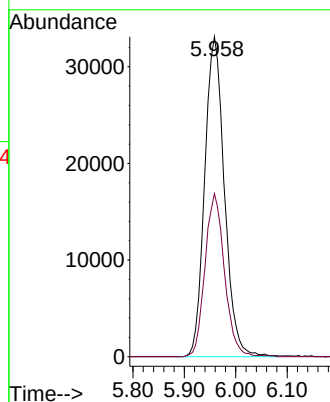
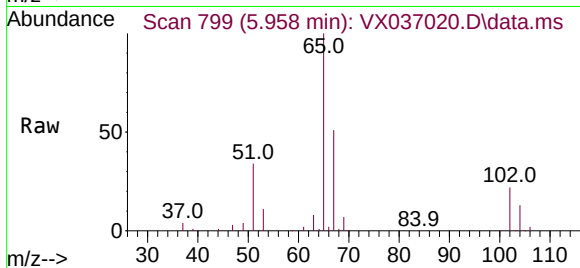
MW178S-20230815

Tgt Ion: 65 Resp: 88348

Ion Ratio Lower Upper

65 100

67 50.1 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: VX037020.D

Acq: 16 Aug 2023 16:12

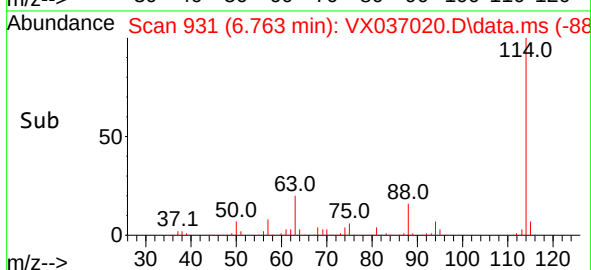
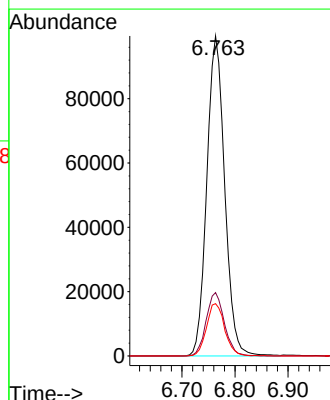
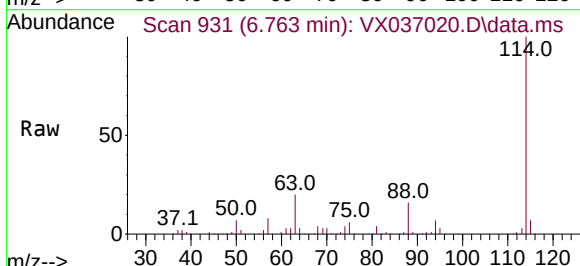
Tgt Ion: 114 Resp: 232999

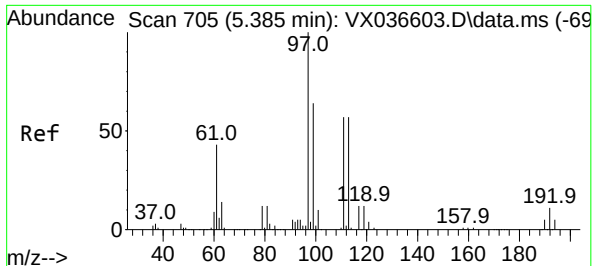
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.680 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037020.D

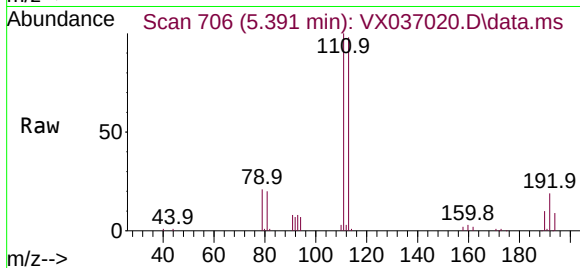
Acq: 16 Aug 2023 16:12

Instrument :

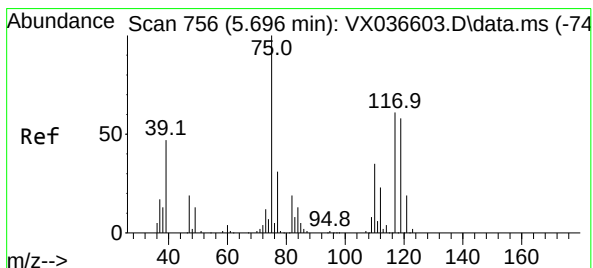
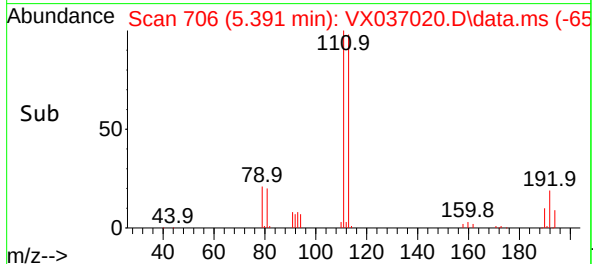
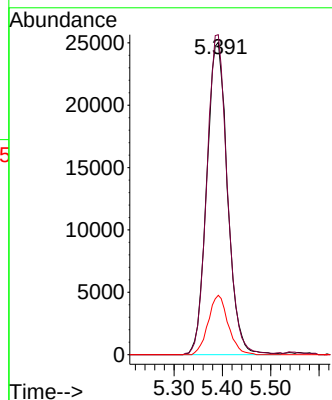
MSVOA_X

ClientSampleId :

MW178S-20230815



Tgt Ion:	113	Resp:	74758
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.9	124.3
192	18.3	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.445 ug/l

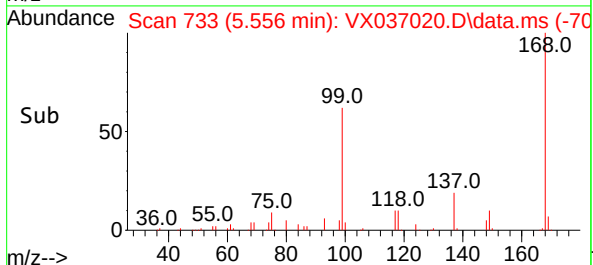
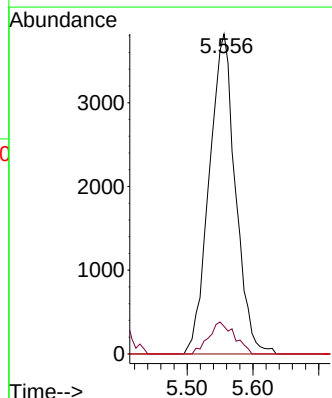
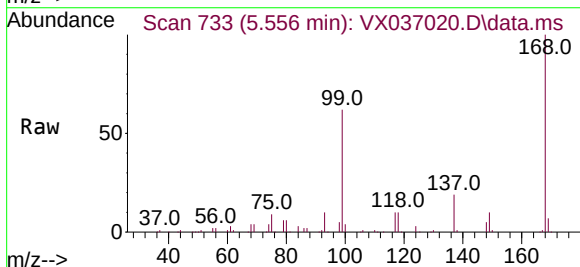
RT: 5.556 min Scan# 733

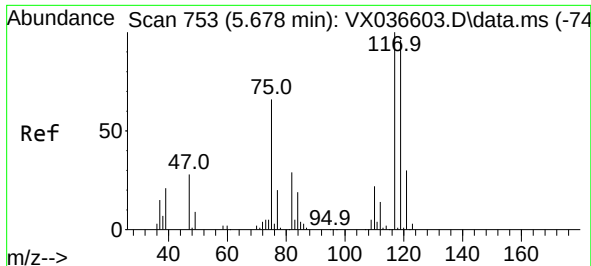
Delta R.T. -0.140 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

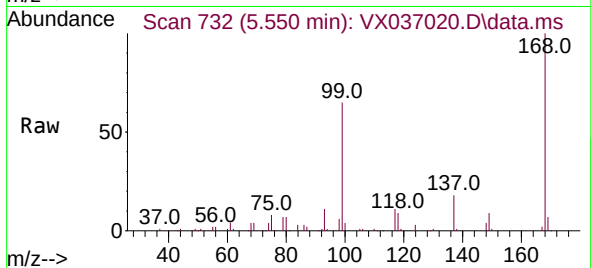
Tgt Ion:	75	Resp:	10611
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.7	37.1#



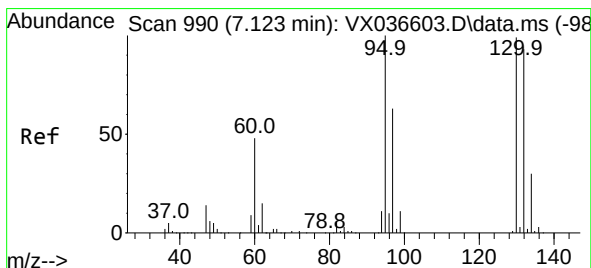
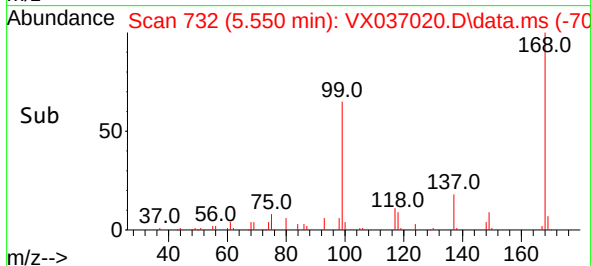
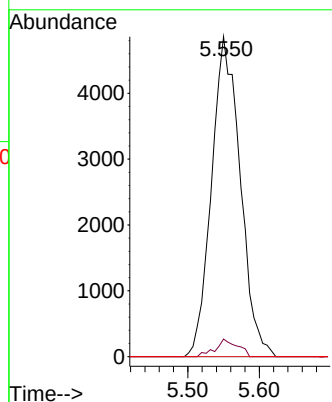


#38
Carbon Tetrachloride
Concen: 5.335 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
MW178S-20230815

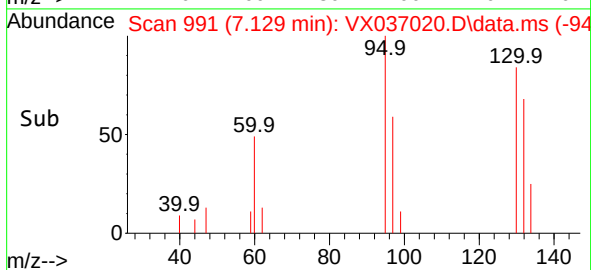
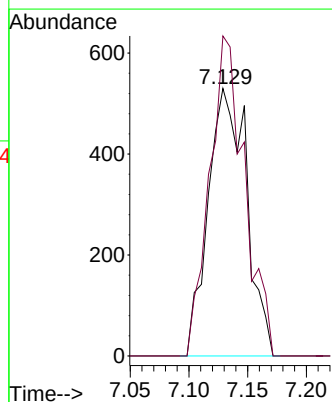
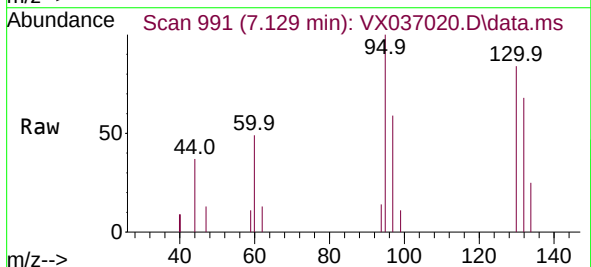


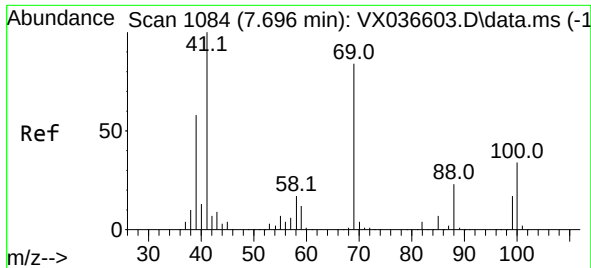
Tgt Ion:117 Resp: 13538
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.666 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Tgt Ion:130 Resp: 1209
Ion Ratio Lower Upper
130 100
95 119.6 0.0 204.4





#49

1,4-Dioxane

Concen: 1.099 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

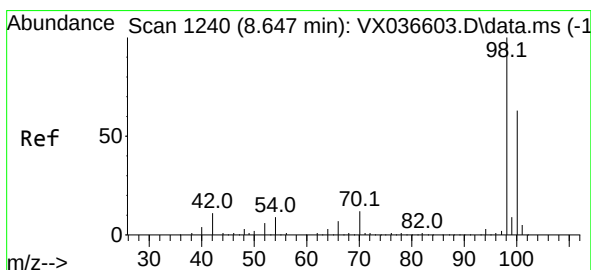
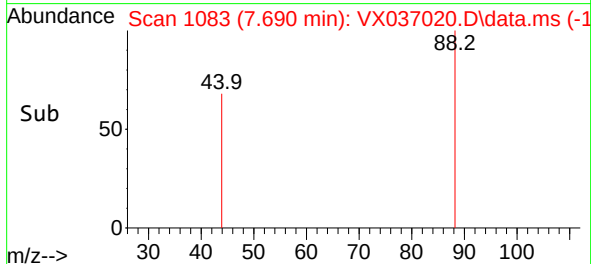
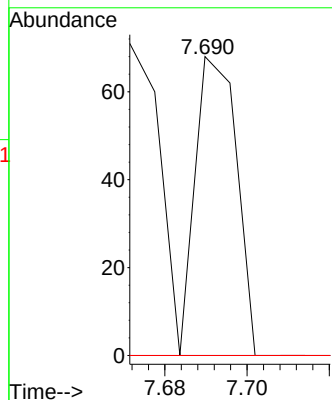
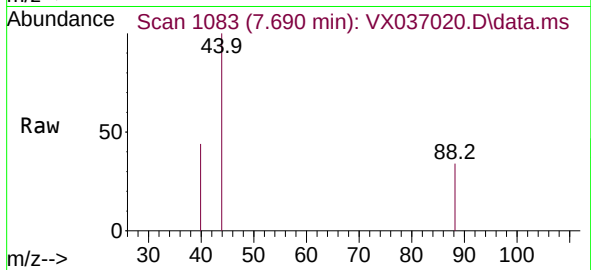
Instrument :

MSVOA_X

ClientSampleId :

MW178S-20230815

Tgt Ion:	88	Resp:	48
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	60.1	90.1



#50

Toluene-d8

Concen: 48.933 ug/l

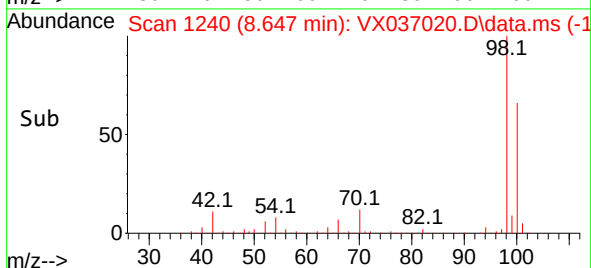
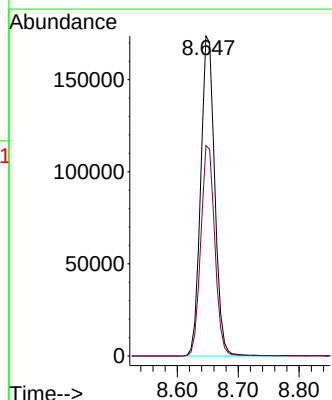
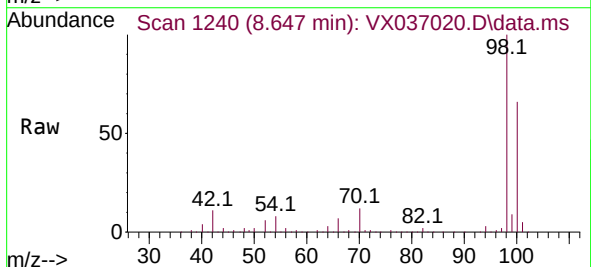
RT: 8.647 min Scan# 1240

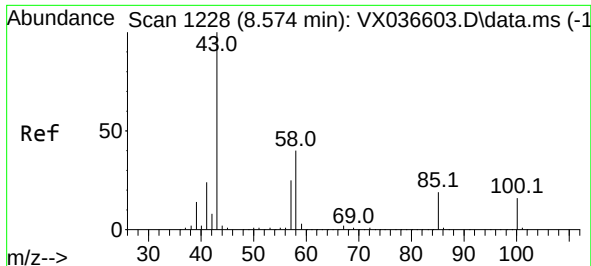
Delta R.T. 0.000 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Tgt Ion:	98	Resp:	277903
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7

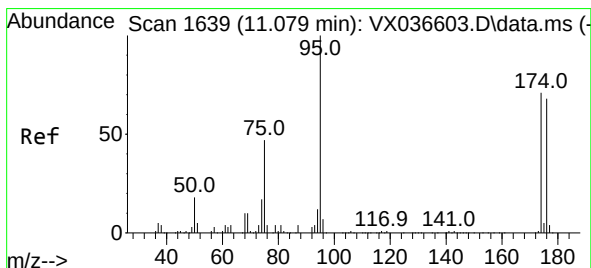
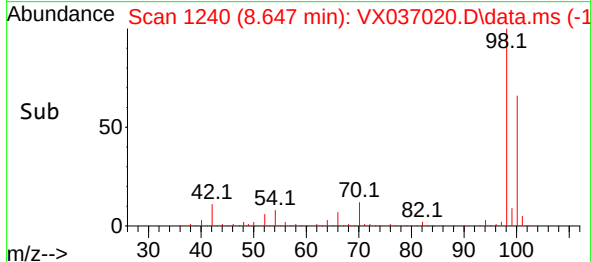
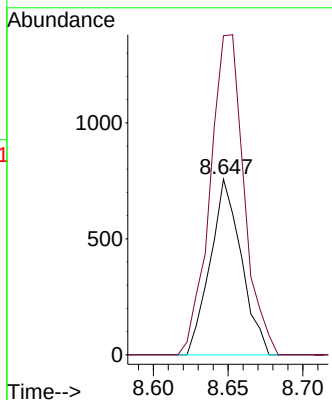
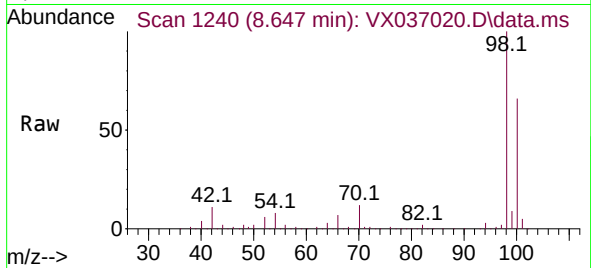




#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

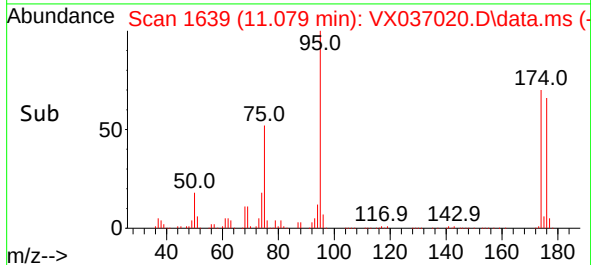
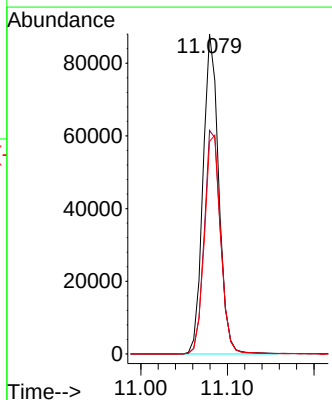
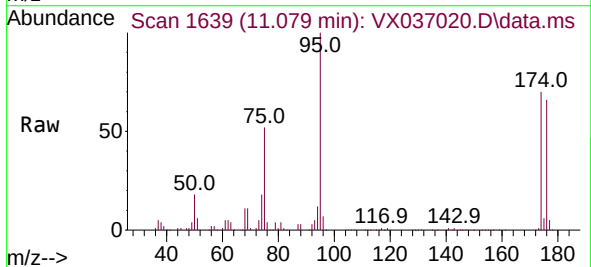
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20230815

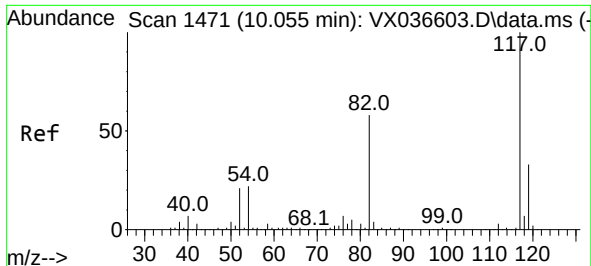
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 199.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Tgt Ion: 95 Resp: 110963
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 71.1 0.0 131.0

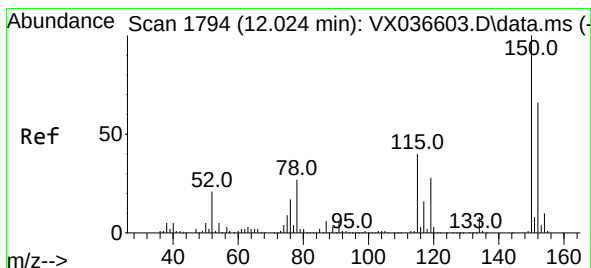
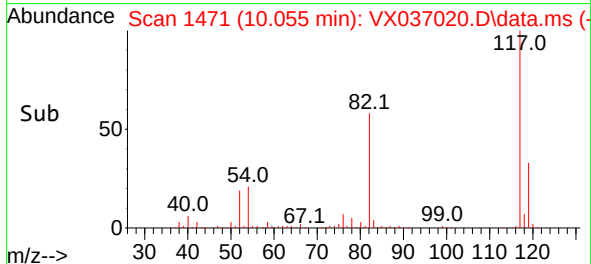
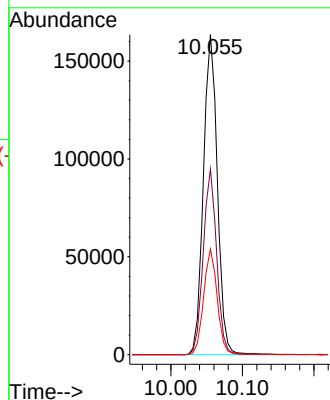
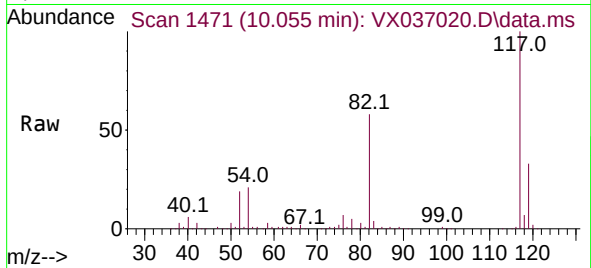




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

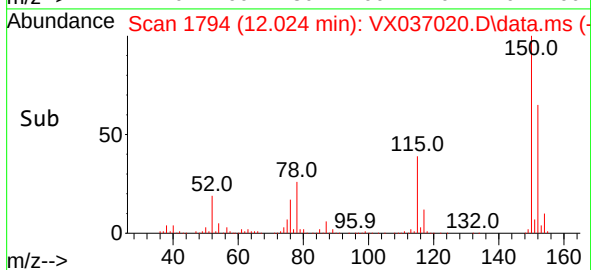
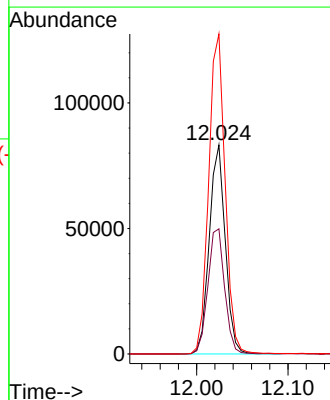
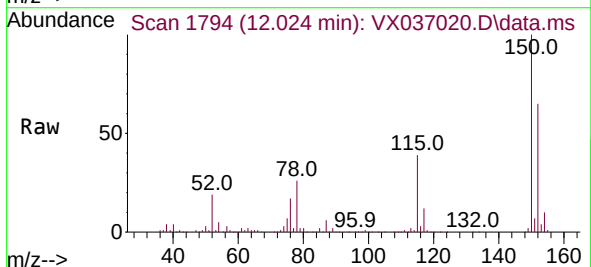
Instrument :
MSVOA_X
ClientSampleId :
MW178S-20230815

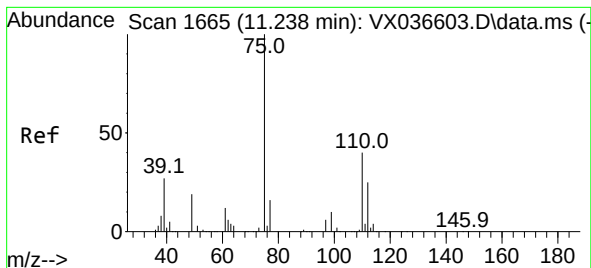
Tgt Ion:117 Resp: 222023
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037020.D
Acq: 16 Aug 2023 16:12

Tgt Ion:152 Resp: 101194
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.934 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

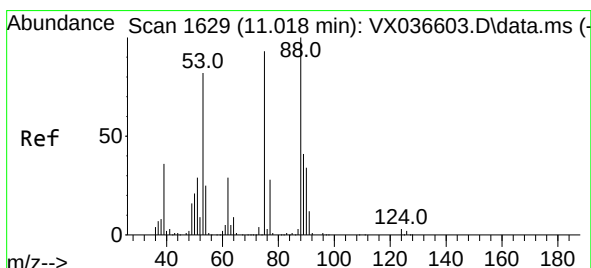
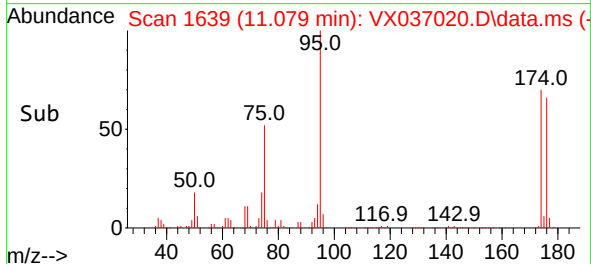
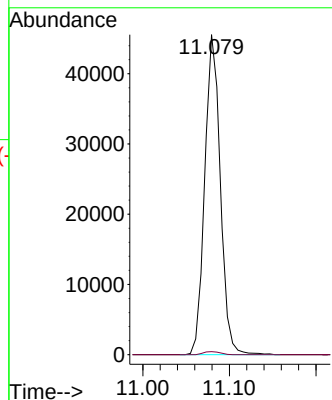
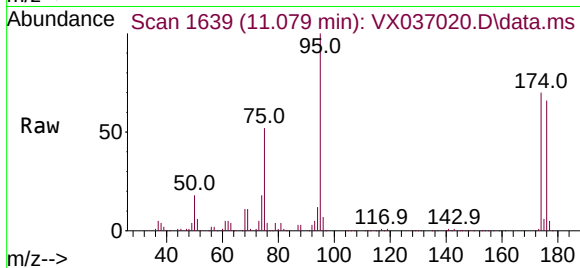
MW178S-20230815

Tgt Ion: 75 Resp: 56967

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.247 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037020.D

Acq: 16 Aug 2023 16:12

Tgt Ion: 75 Resp: 56967

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

