

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037485.D
 Acq On : 02 Sep 2023 16:04
 Operator : JC/MD
 Sample : 04269-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-083123

Quant Time: Sep 04 04:29:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

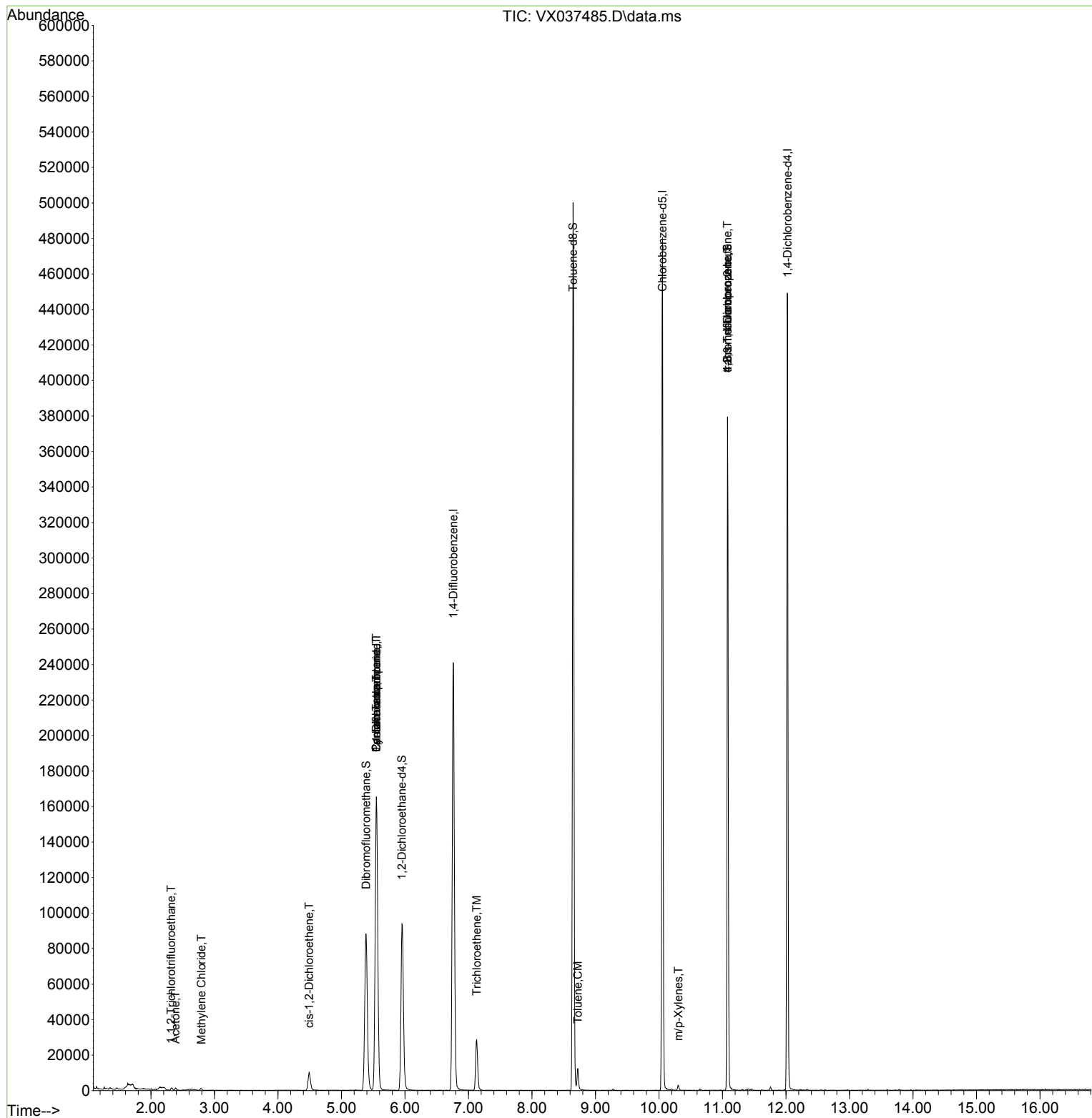
Internal Standards						
1) Pentafluorobenzene	5.550	168	158154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94493	41.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.880%
35) Dibromofluoromethane	5.385	113	79282	45.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	304412	48.569	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	108662	44.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.240%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	515	0.308	ug/l #	92
16) Acetone	2.386	43	1506	1.688	ug/l	95
20) Methylene Chloride	2.794	84	639	0.320	ug/l #	62
27) cis-1,2-Dichloroethene	4.489	96	6789	3.112	ug/l	79
31) Cyclohexane	5.550	56	2950	1.151	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11664	4.751	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16377	6.141	ug/l #	14
44) Trichloroethene	7.129	130	12187	6.105	ug/l	92
52) Toluene	8.720	92	4889	1.051	ug/l	98
68) m/p-Xylenes	10.305	106	830	0.253	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	52870	24.338	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52870	67.978	ug/l #	5

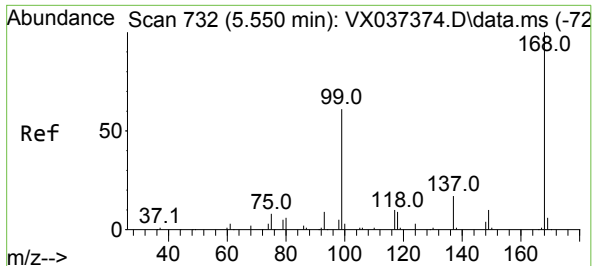
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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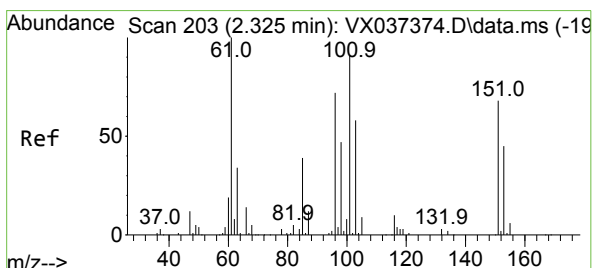
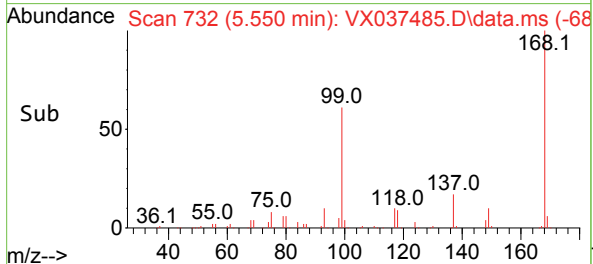
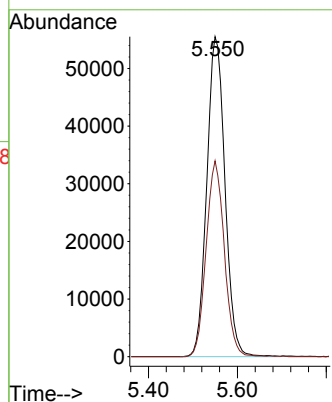
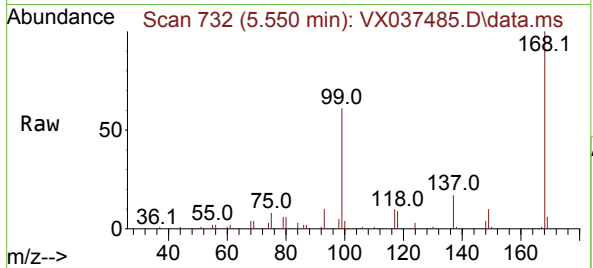




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

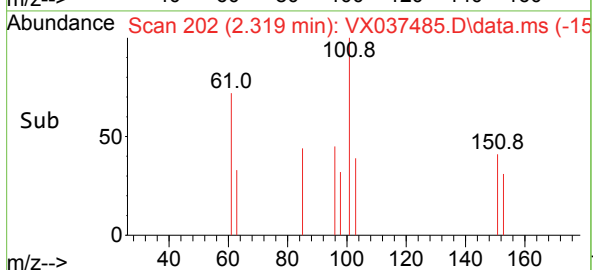
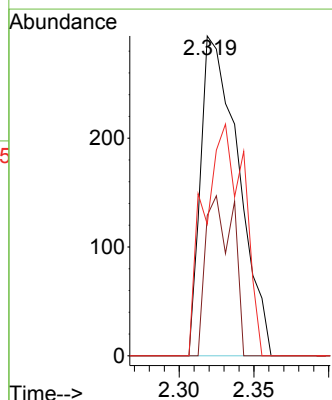
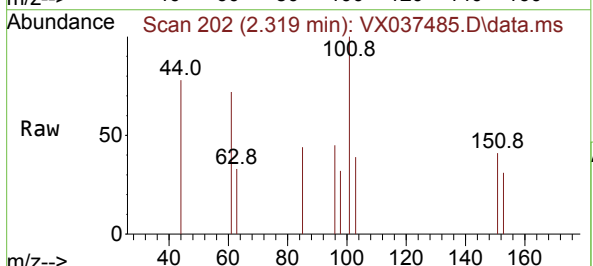
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-083123

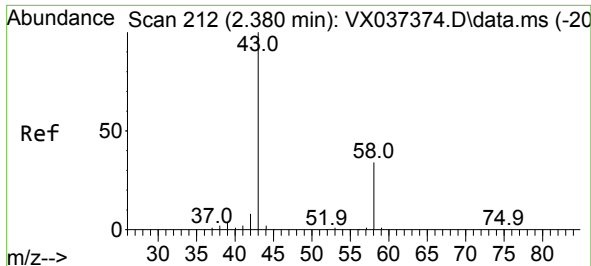
Tgt Ion:168 Resp: 158154
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.308 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

Tgt Ion:101 Resp: 515
Ion Ratio Lower Upper
101 100
85 36.3 37.0 55.6#
151 76.5 58.6 87.8

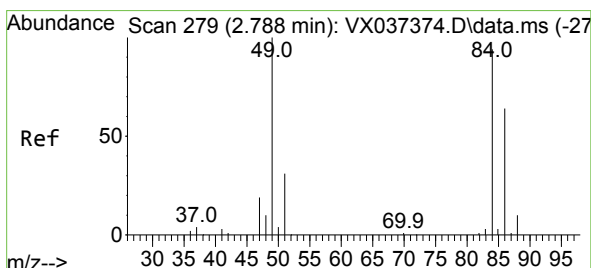
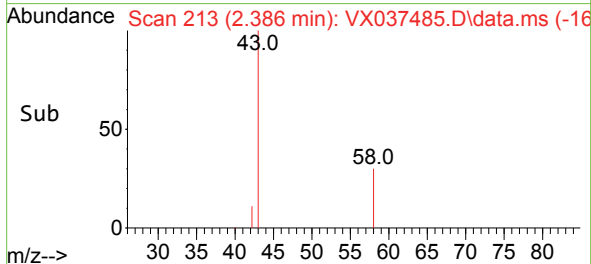
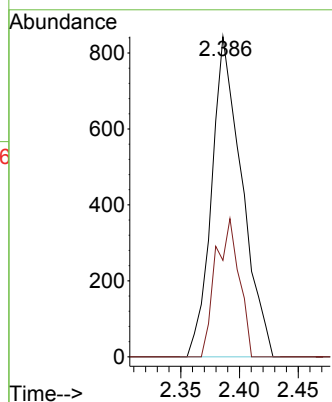
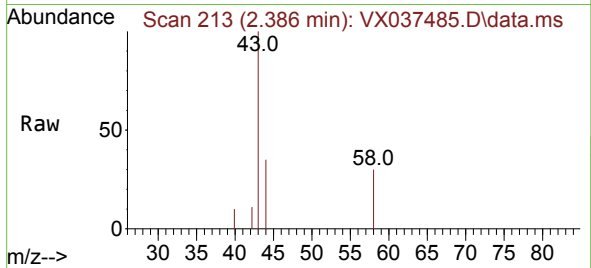




#16
Acetone
Concen: 1.688 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

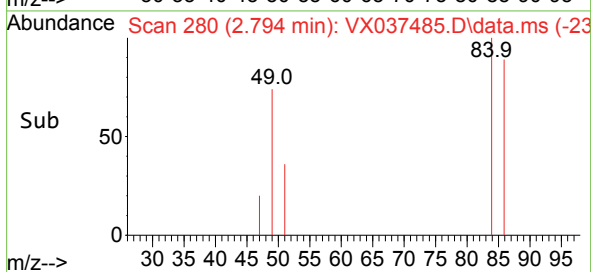
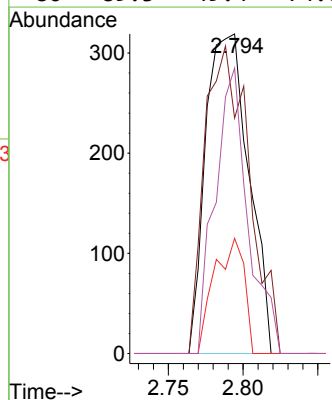
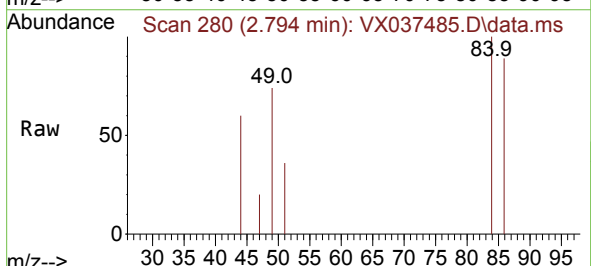
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-083123

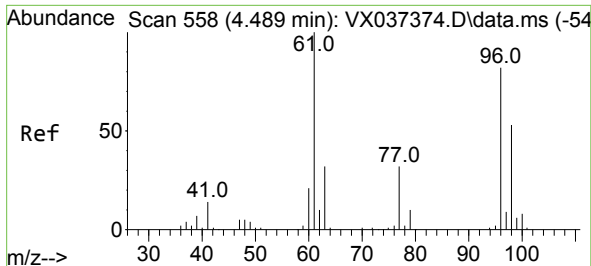
Tgt Ion: 43 Resp: 1506
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

Tgt Ion: 84 Resp: 639
Ion Ratio Lower Upper
84 100
49 73.7 103.6 155.4#
51 36.1 33.8 50.6
86 89.3 49.4 74.0#

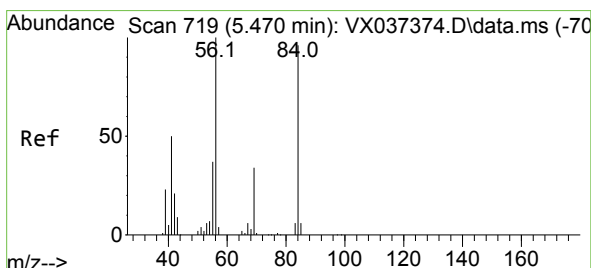
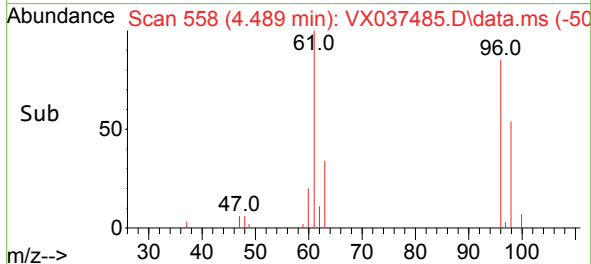
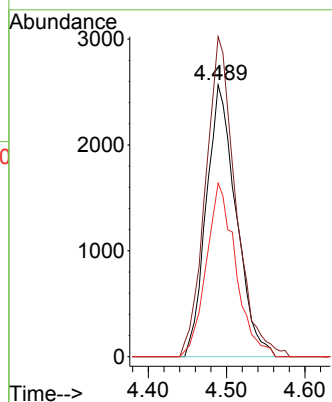
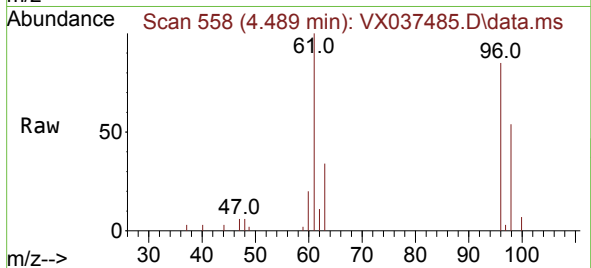




#27
 cis-1,2-Dichloroethene
 Concen: 3.112 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037485.D
 Acq: 02 Sep 2023 16:04

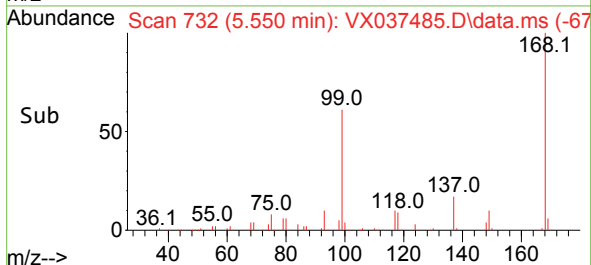
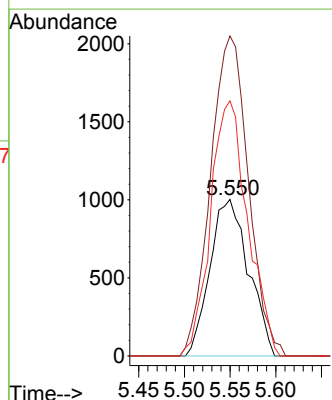
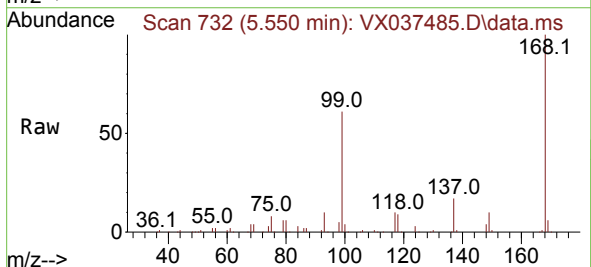
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-083123

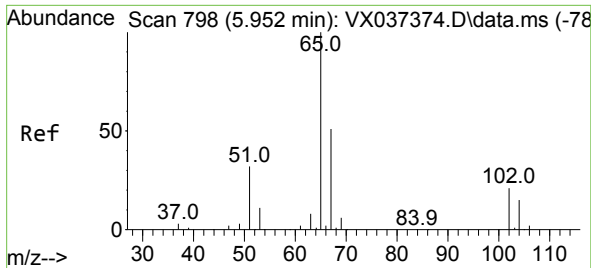
Tgt Ion:	96	Resp:	6789
Ion	Ratio	Lower	Upper
96	100		
61	118.7	0.0	312.2
98	63.1	0.0	129.0



#31
 Cyclohexane
 Concen: 1.151 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. 0.079 min
 Lab File: VX037485.D
 Acq: 02 Sep 2023 16:04

Tgt Ion:	56	Resp:	2950
Ion	Ratio	Lower	Upper
56	100		
69	204.6	23.4	35.2#
84	163.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.443 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037485.D

Acq: 02 Sep 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

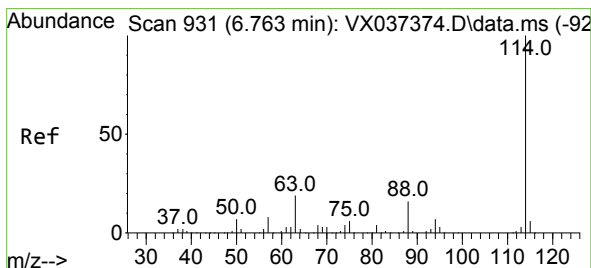
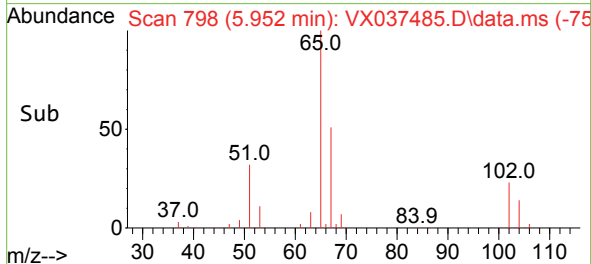
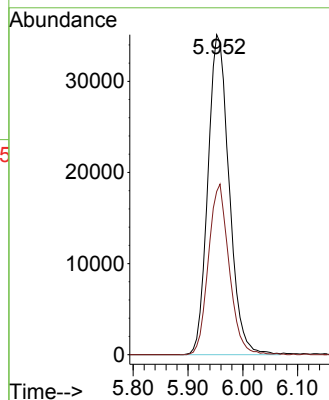
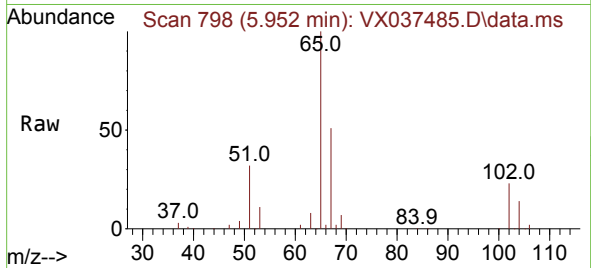
MW-15B-42.5-083123

Tgt Ion: 65 Resp: 94493

Ion Ratio Lower Upper

65 100

67 52.0 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: VX037485.D

Acq: 02 Sep 2023 16:04

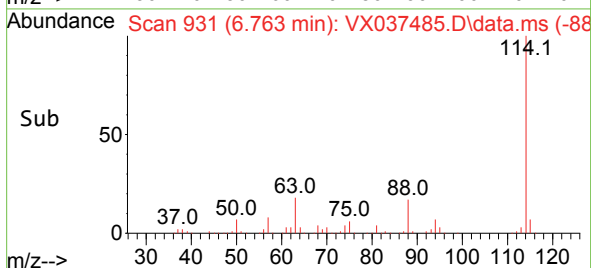
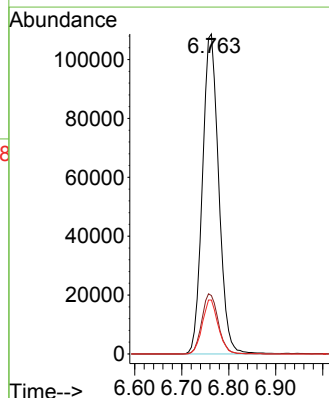
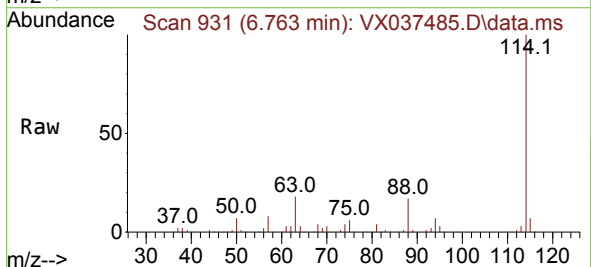
Tgt Ion: 114 Resp: 260899

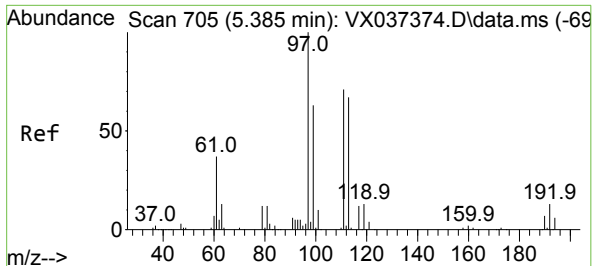
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 16.9 0.0 36.6

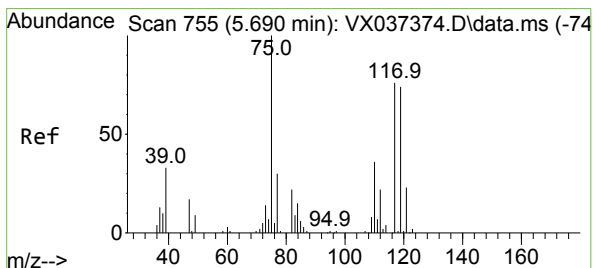
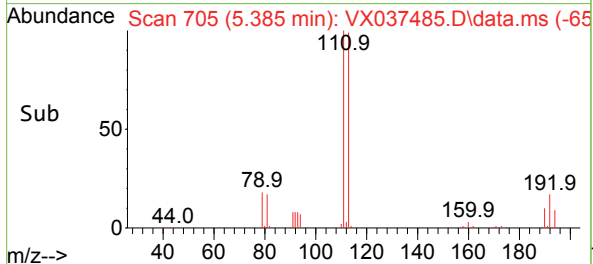
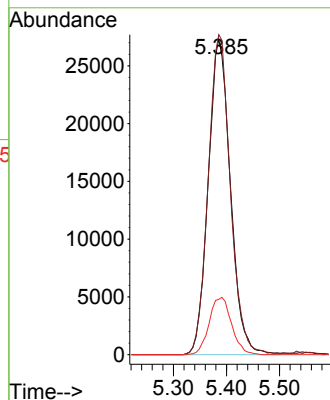
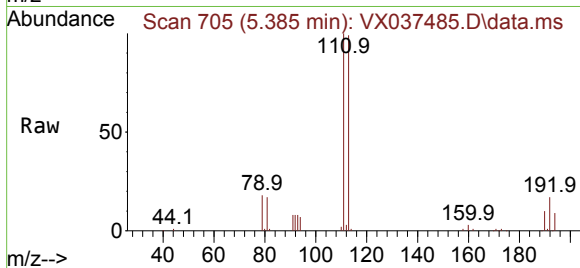




#35
Dibromofluoromethane
Concen: 45.884 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

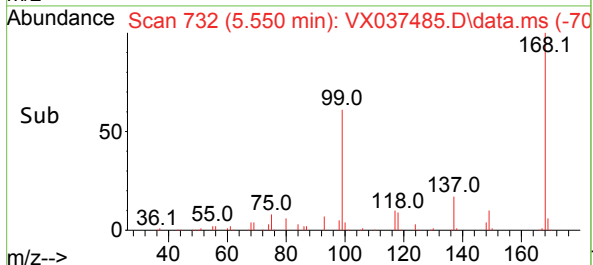
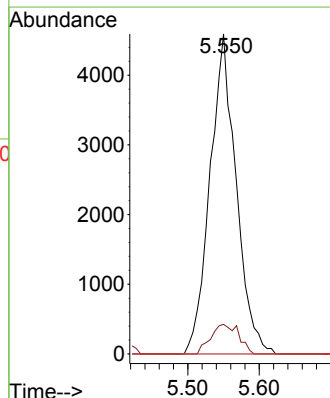
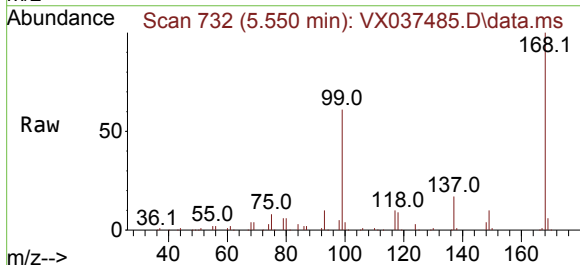
Instrument :
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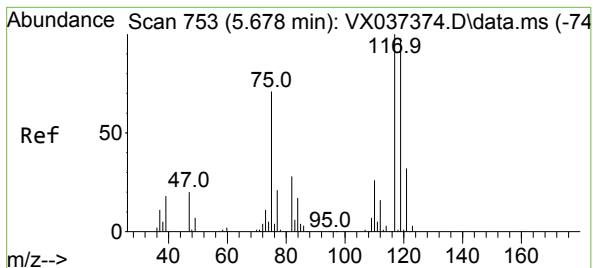
Tgt Ion:	113	Resp:	79282
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.9	124.3
192	18.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

Tgt Ion:	75	Resp:	11664
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.0	50.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.141 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037485.D

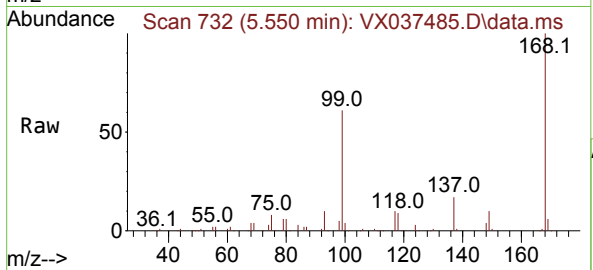
Acq: 02 Sep 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-15B-42.5-083123



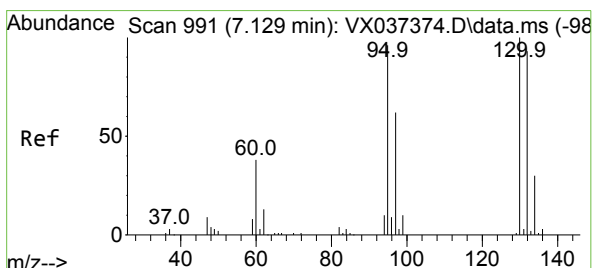
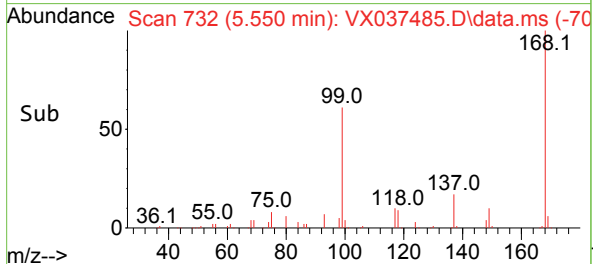
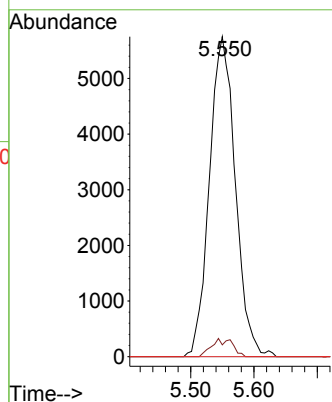
Tgt Ion:117 Resp: 16377

Ion Ratio Lower Upper

117 100

119 3.7 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 6.105 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037485.D

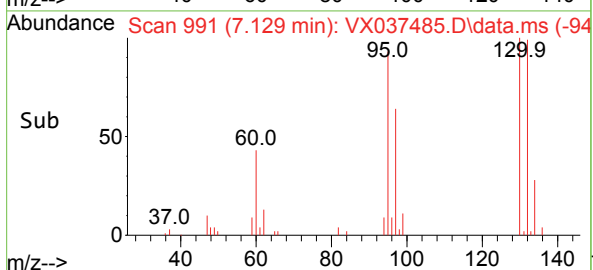
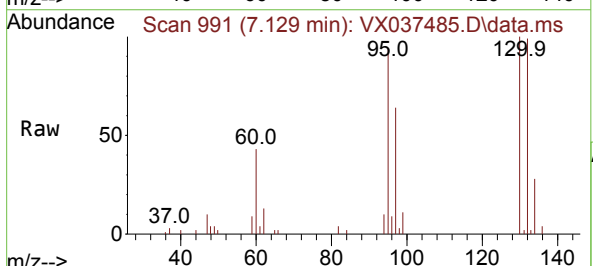
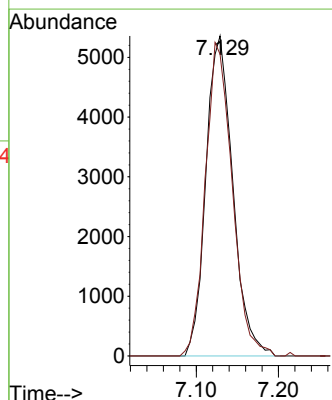
Acq: 02 Sep 2023 16:04

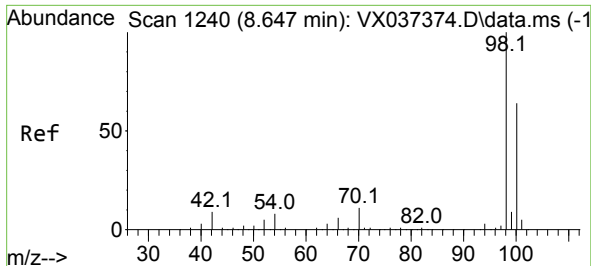
Tgt Ion:130 Resp: 12187

Ion Ratio Lower Upper

130 100

95 94.3 0.0 204.4

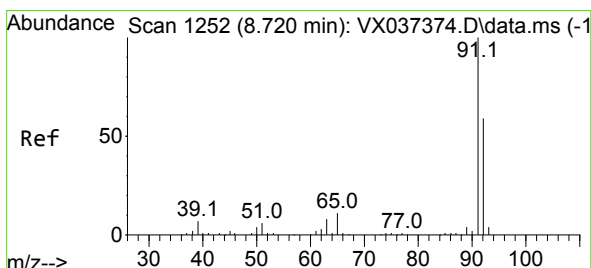
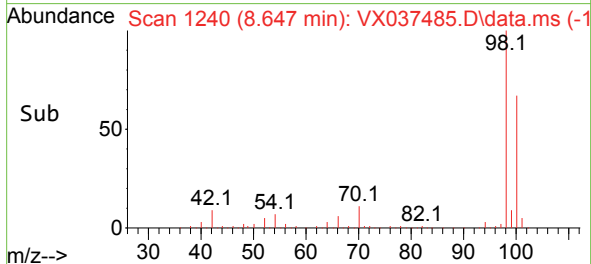
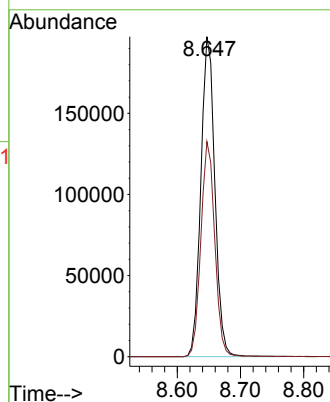
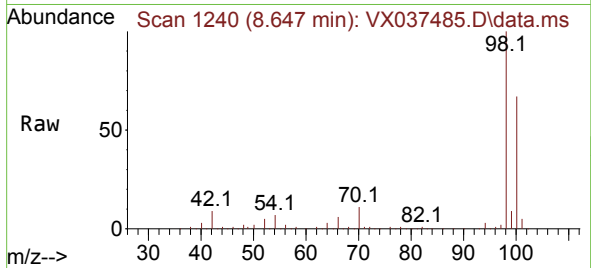




#50
Toluene-d8
Concen: 48.569 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

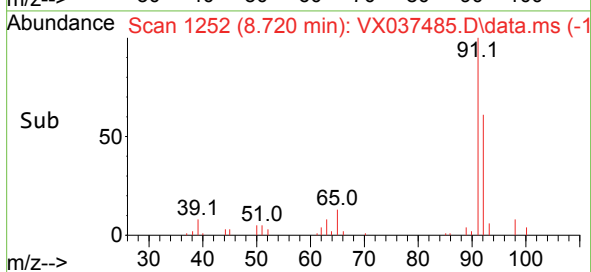
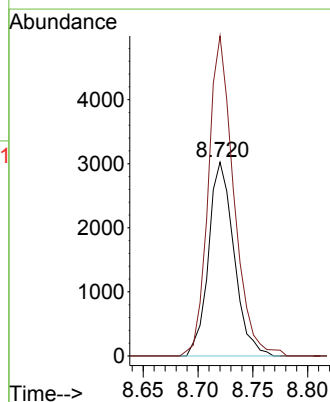
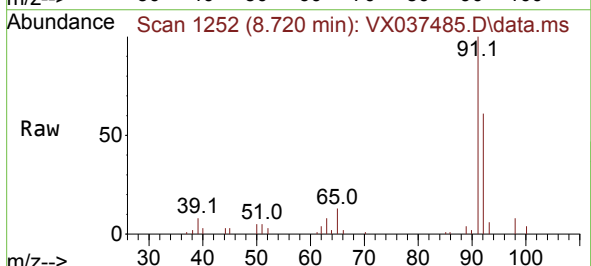
Instrument :
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MW-15B-42.5-083123

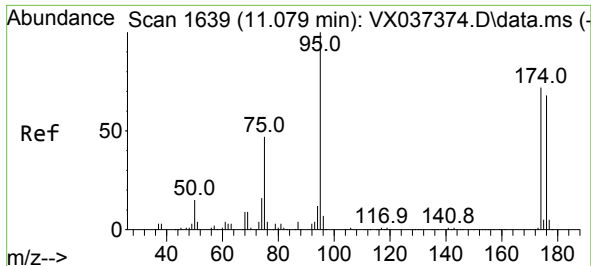
Tgt Ion: 98 Resp: 304412
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#52
Toluene
Concen: 1.051 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

Tgt Ion: 92 Resp: 4889
Ion Ratio Lower Upper
92 100
91 165.0 134.2 201.2

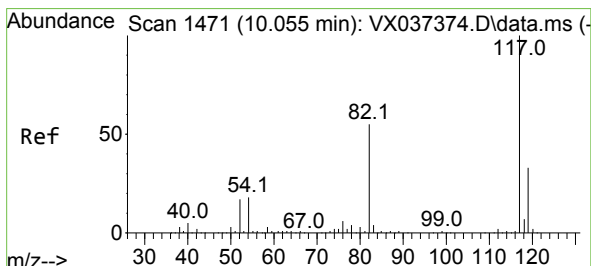
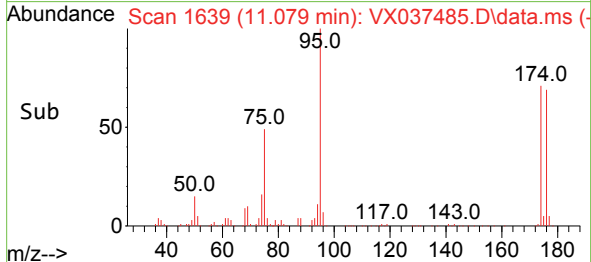
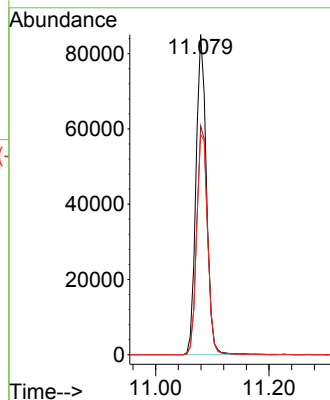
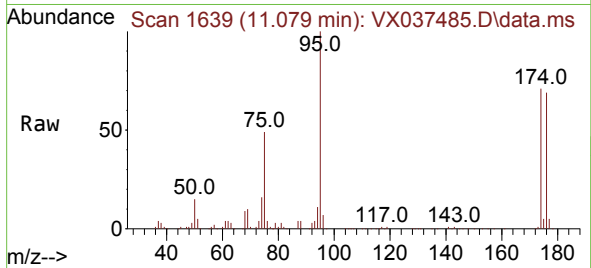




#62
4-Bromofluorobenzene
Concen: 44.116 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

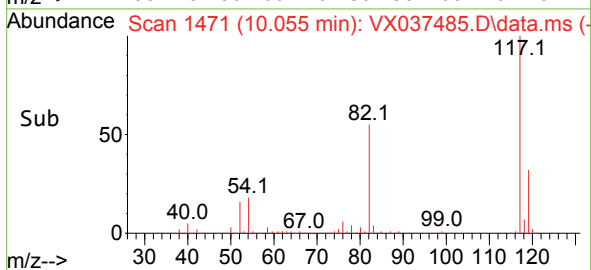
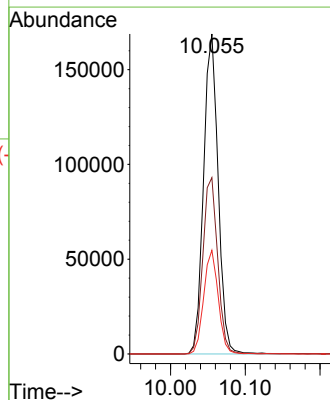
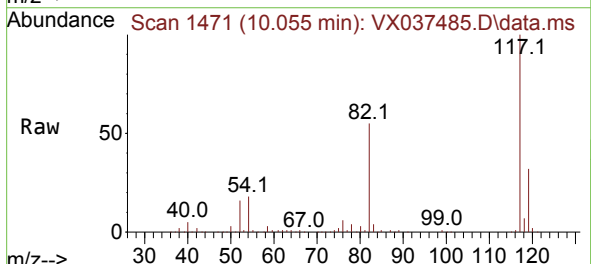
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-083123

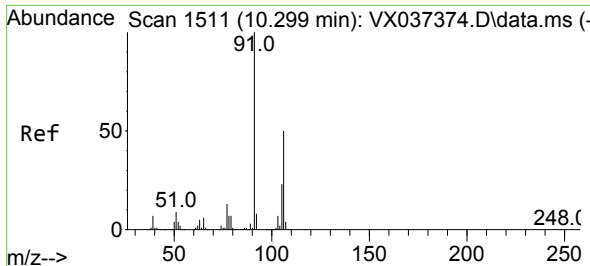
Tgt Ion: 95 Resp: 108662
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 72.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

Tgt Ion: 117 Resp: 228571
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.4 25.5 38.3

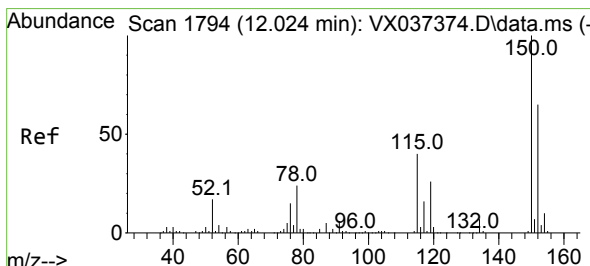
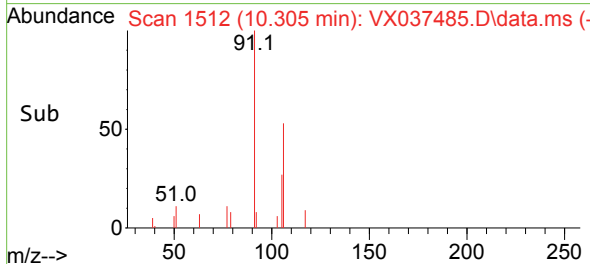
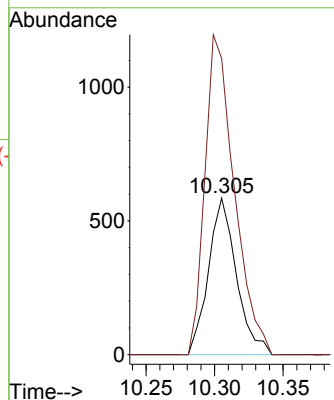
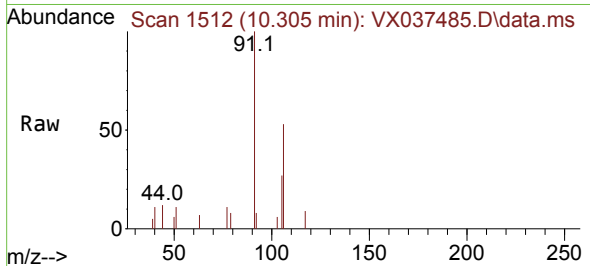




#68
m/p-Xylenes
Concen: 0.253 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

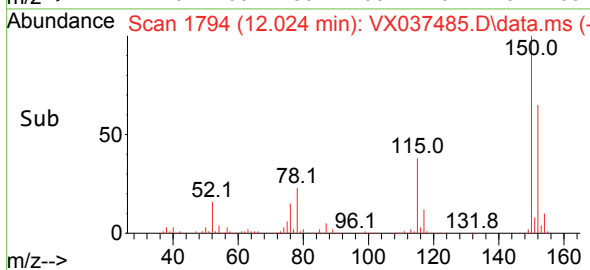
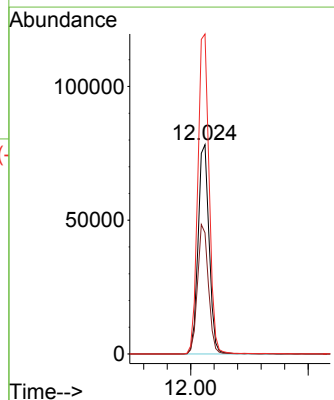
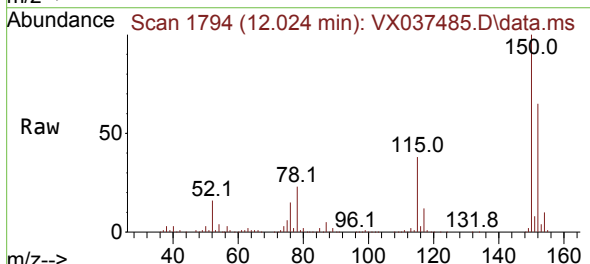
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-083123

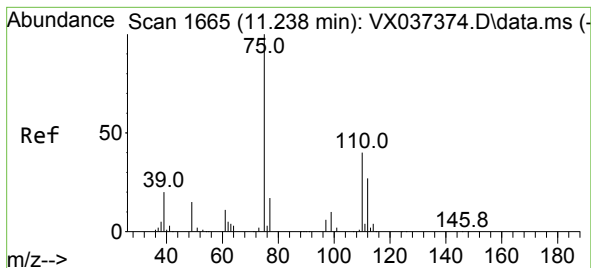
Tgt Ion:106 Resp: 830
Ion Ratio Lower Upper
106 100
91 214.7 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037485.D
Acq: 02 Sep 2023 16:04

Tgt Ion:152 Resp: 102002
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.338 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037485.D

Acq: 02 Sep 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

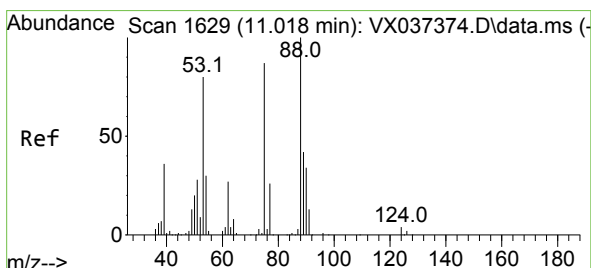
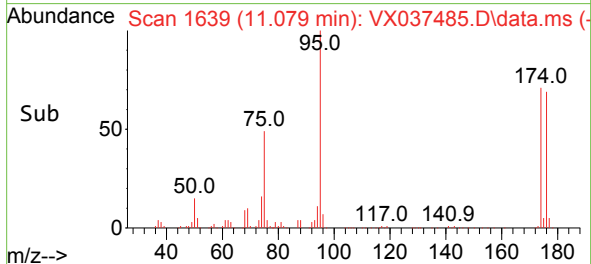
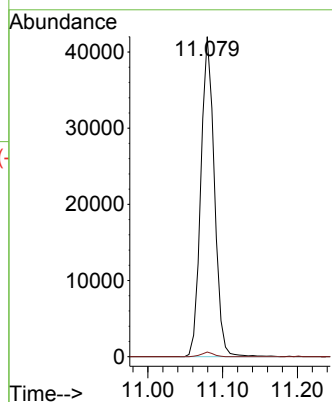
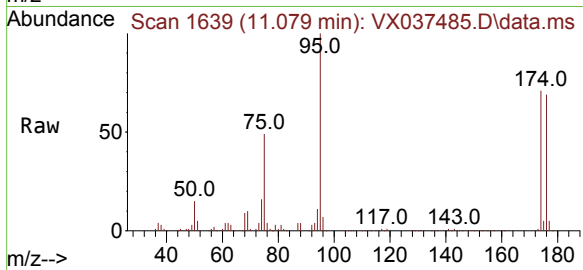
MW-15B-42.5-083123

Tgt Ion: 75 Resp: 52870

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.978 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037485.D

Acq: 02 Sep 2023 16:04

Tgt Ion: 75 Resp: 52870

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

