

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038887.D
 Acq On : 17 Nov 2023 17:48
 Operator : JC/MD
 Sample : 05404-11 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20231109DL

Quant Time: Nov 17 22:53:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

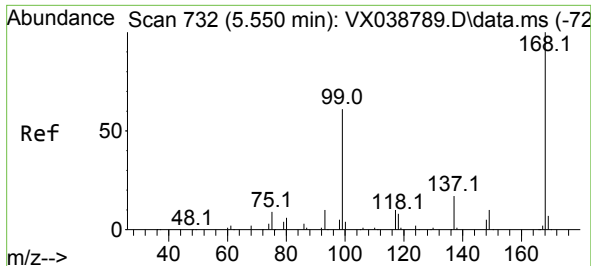
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	115507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88112	47.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.680%		
35) Dibromofluoromethane	5.385	113	74694	43.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.020%		
50) Toluene-d8	8.647	98	296376	45.128	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.260%#		
62) 4-Bromofluorobenzene	11.079	95	127086	48.340	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.680%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	2012	1.411	ug/l #	89
11) Tert butyl alcohol	2.940	59	1201	2.320	ug/l #	93
12) 1,1-Dichloroethene	2.325	96	854	0.593	ug/l #	57
13) Acrolein	2.264	56	93	0.340	ug/l #	14
16) Acetone	2.374	43	766	0.773	ug/l	99
20) Methylene Chloride	2.788	84	1822	1.020	ug/l	87
31) Cyclohexane	5.556	56	3070	1.155	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10430	4.240	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12545	5.517	ug/l #	14
44) Trichloroethene	7.123	130	109594	61.877	ug/l	99
64) Tetrachloroethene	9.275	164	430	0.292	ug/l #	66
76) 1,2,3-Trichloropropane	11.079	75	64678	21.669	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64678	48.064	ug/l #	5

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

Quant Time: Nov 17 22:53:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
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Response via : Initial Calibration

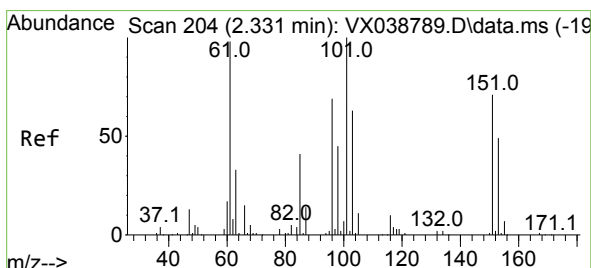
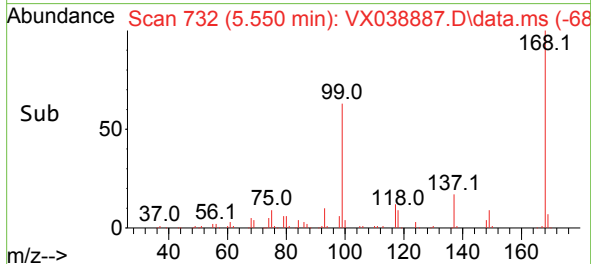
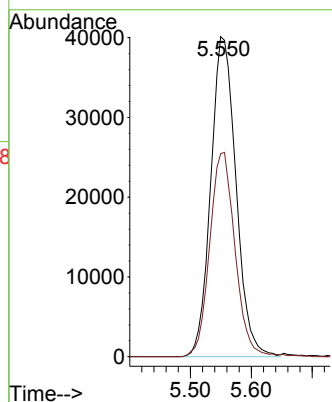
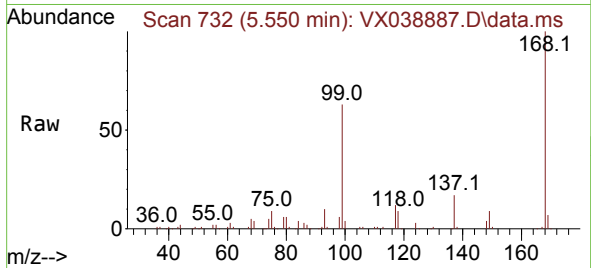




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038887.D
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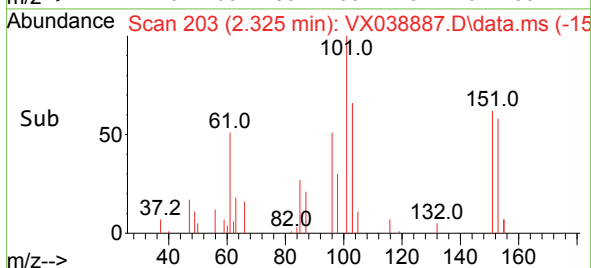
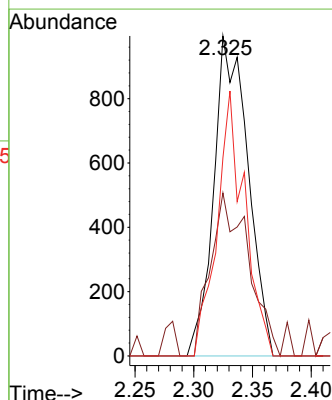
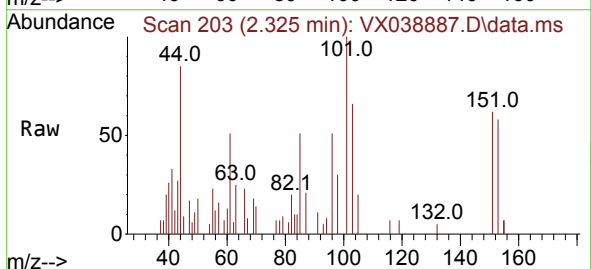
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109DL

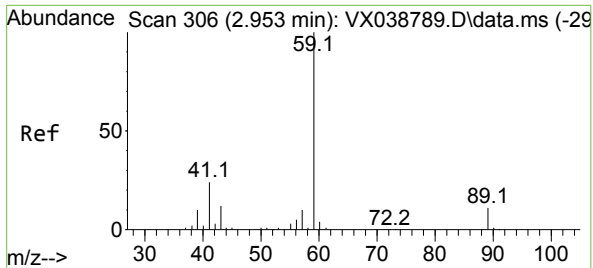
Tgt Ion:168 Resp: 115507
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.411 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

Tgt Ion:101 Resp: 2012
Ion Ratio Lower Upper
101 100
85 57.0 37.0 55.6#
151 67.1 58.6 87.8

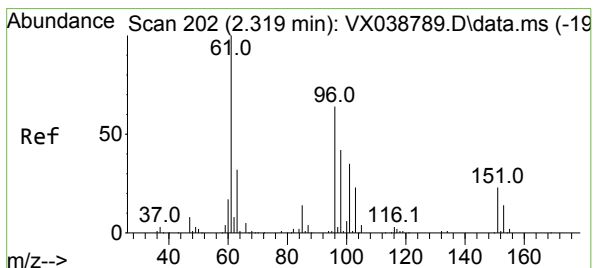
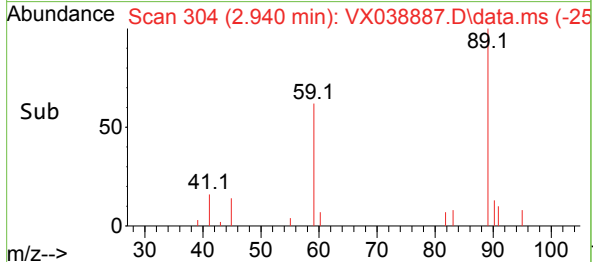
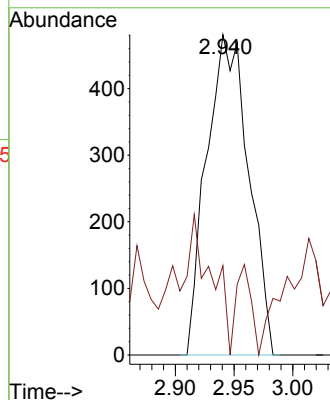
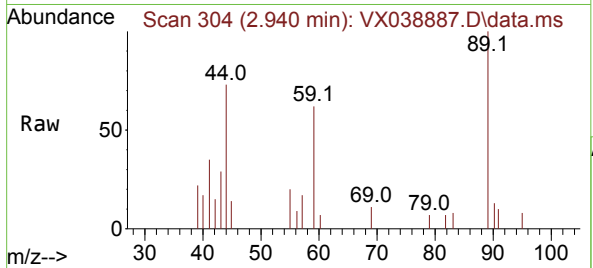




#11
Tert butyl alcohol
Concen: 2.320 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

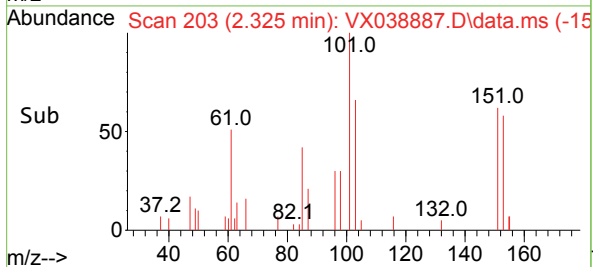
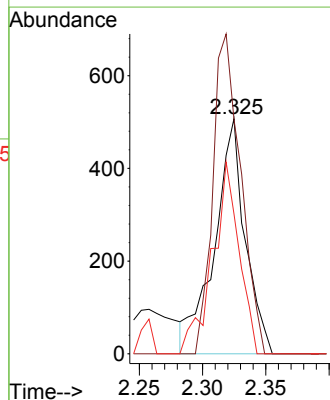
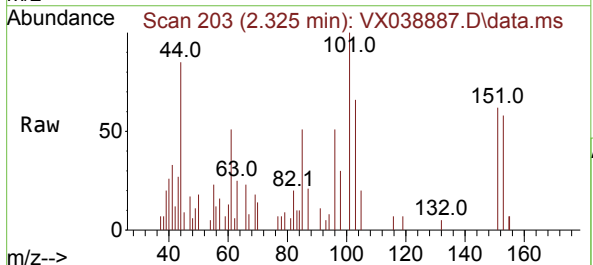
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109DL

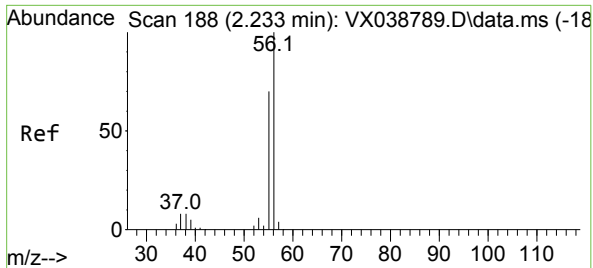
Tgt Ion: 59 Resp: 1201
Ion Ratio Lower Upper
59 100
57 9.8 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.593 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

Tgt Ion: 96 Resp: 854
Ion Ratio Lower Upper
96 100
61 99.8 144.6 216.8#
98 59.6 50.4 75.6





#13

Acrolein

Concen: 0.340 ug/l

RT: 2.264 min Scan# 193

Delta R.T. 0.031 min

Lab File: VX038887.D

Acq: 17 Nov 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

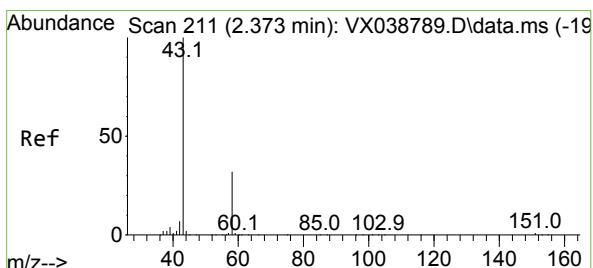
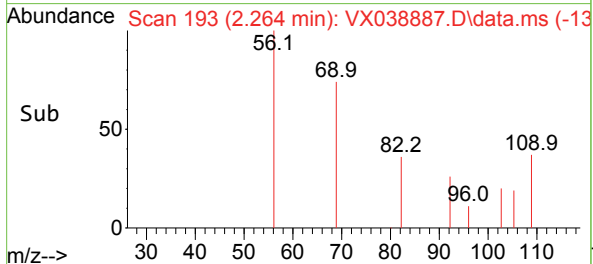
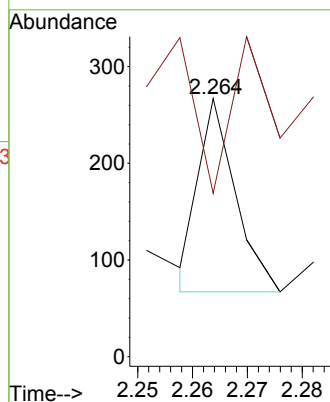
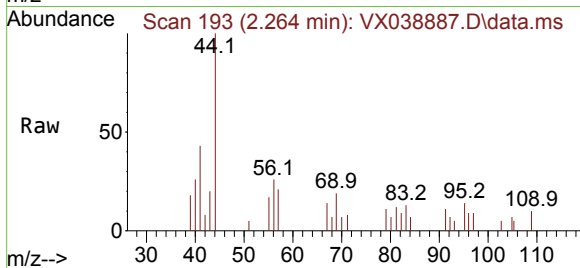
TT101D2-20231109DL

Tgt Ion: 56 Resp: 93

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 0.773 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX038887.D

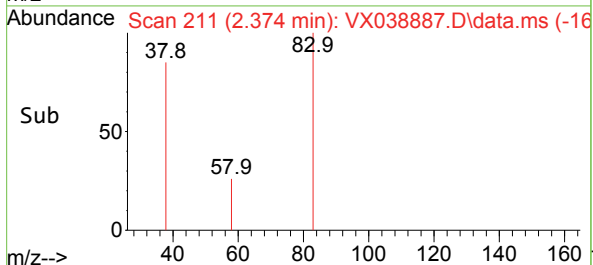
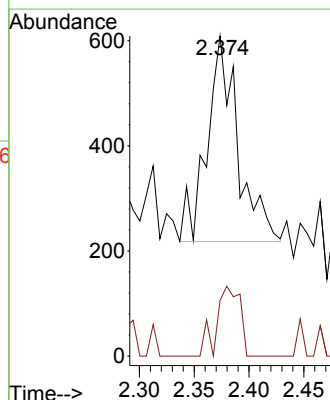
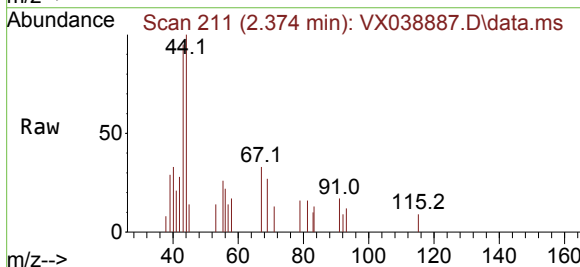
Acq: 17 Nov 2023 17:48

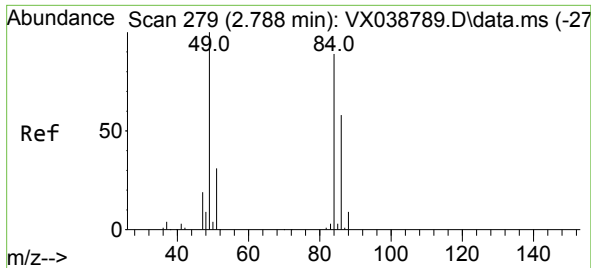
Tgt Ion: 43 Resp: 766

Ion Ratio Lower Upper

43 100

58 27.1 21.9 32.9

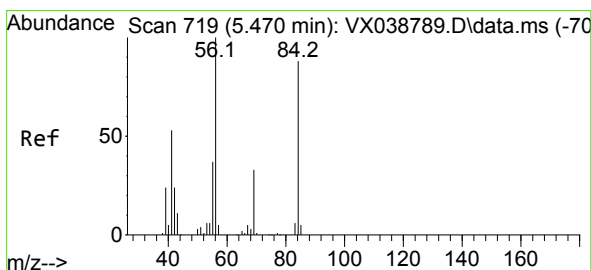
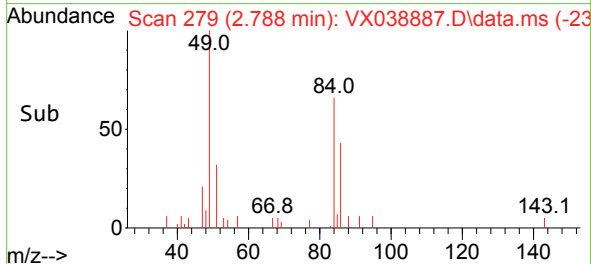
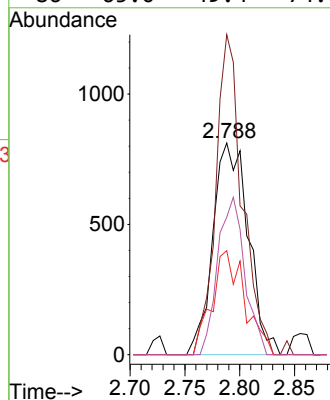
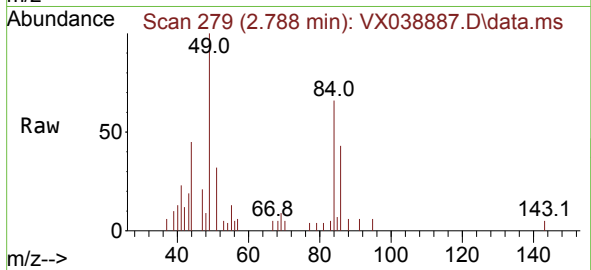




#20
Methylene Chloride
Concen: 1.020 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

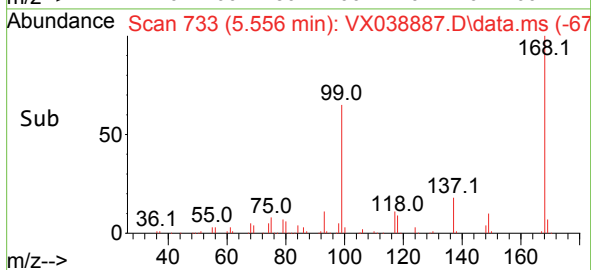
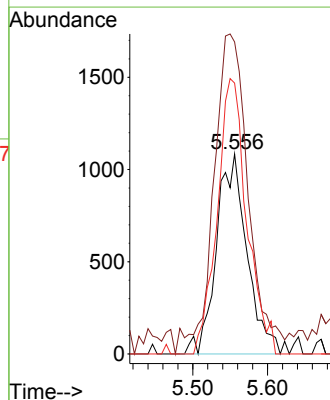
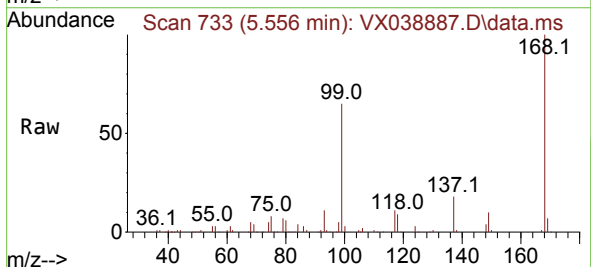
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109DL

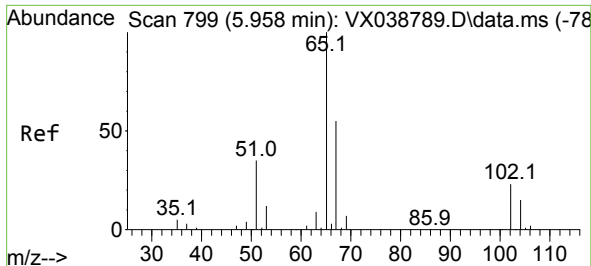
Tgt Ion:	84	Resp:	1822
Ion	Ratio	Lower	Upper
84	100		
49	151.2	103.6	155.4
51	49.1	33.8	50.6
86	65.0	49.4	74.0



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

Tgt Ion:	56	Resp:	3070
Ion	Ratio	Lower	Upper
56	100		
69	145.2	23.4	35.2#
84	135.5	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.341 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038887.D

Acq: 17 Nov 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

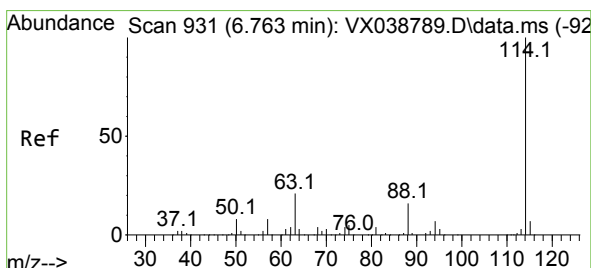
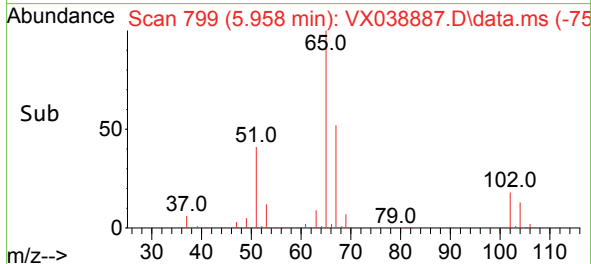
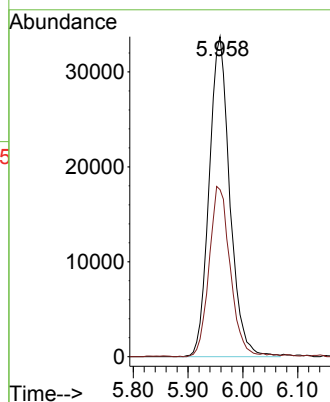
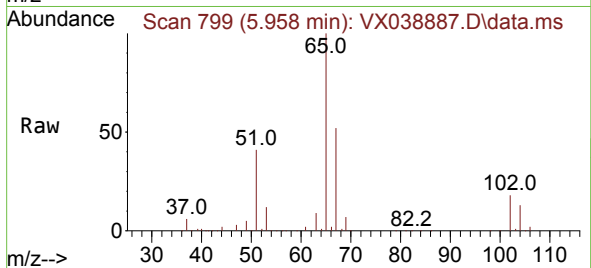
TT101D2-20231109DL

Tgt Ion: 65 Resp: 88112

Ion Ratio Lower Upper

65 100

67 54.6 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: VX038887.D

Acq: 17 Nov 2023 17:48

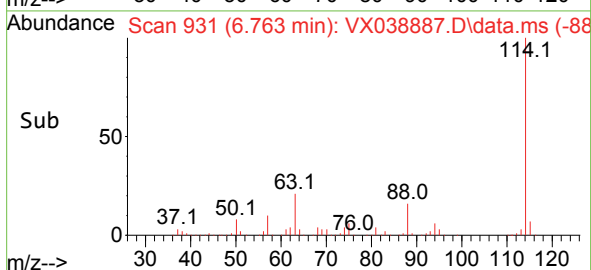
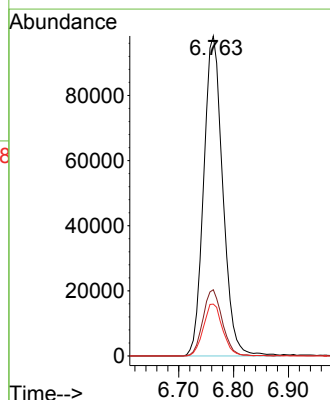
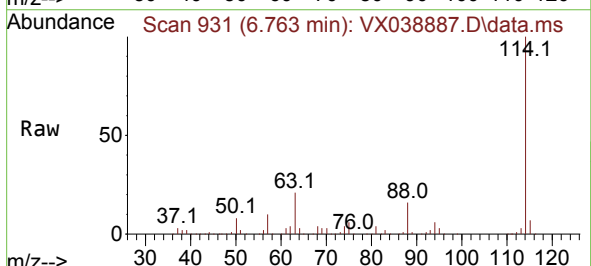
Tgt Ion: 114 Resp: 237671

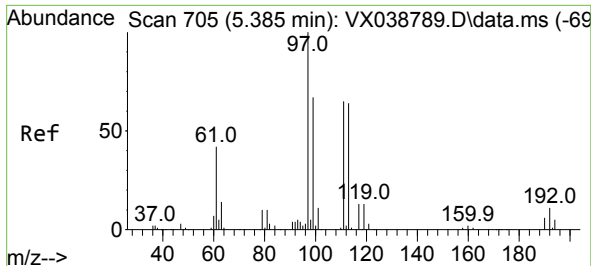
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

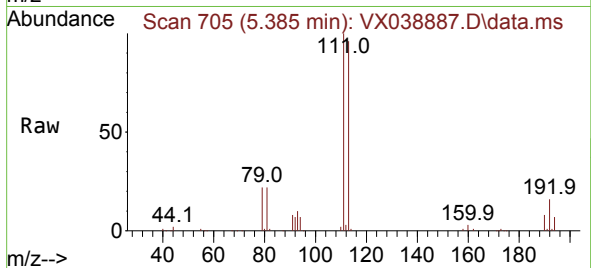
88 16.2 0.0 36.6



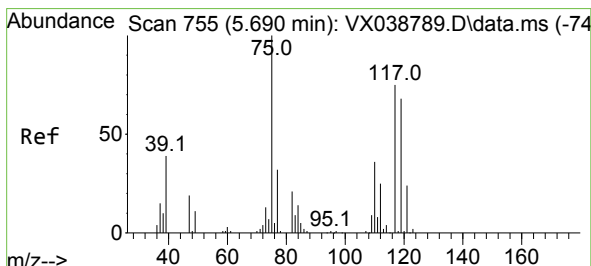
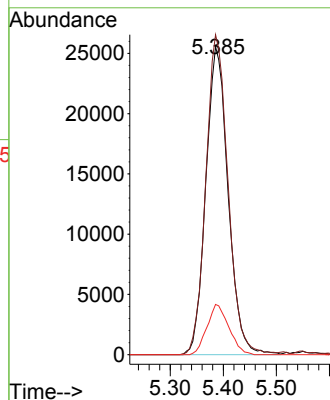
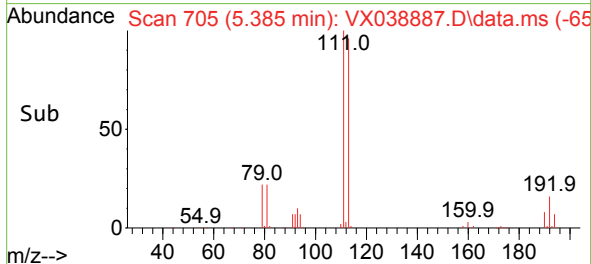


#35
Dibromofluoromethane
Concen: 43.515 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

Instrument :
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ClientSampleId :
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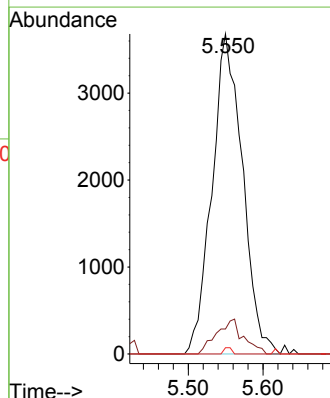
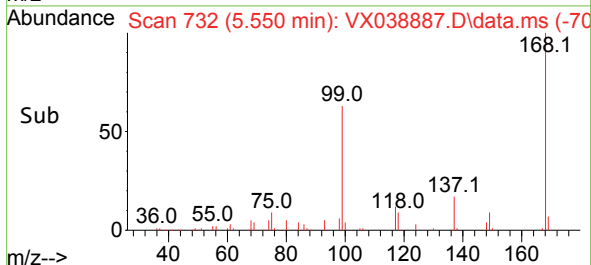
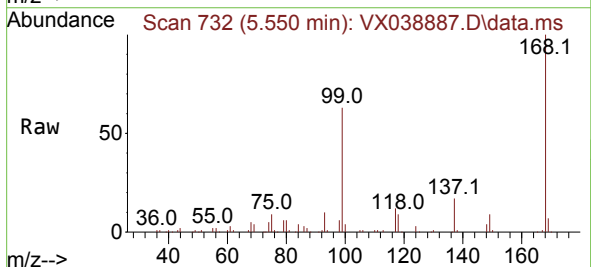


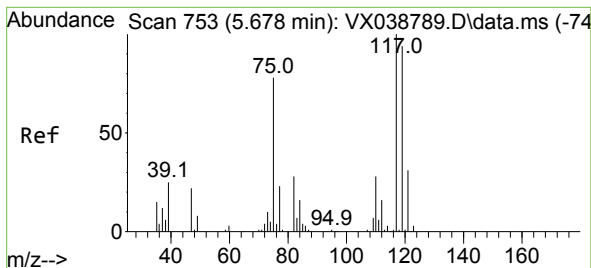
Tgt Ion:113 Resp: 74694
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.240 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

Tgt Ion: 75 Resp: 10430
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.5 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.517 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX038887.D

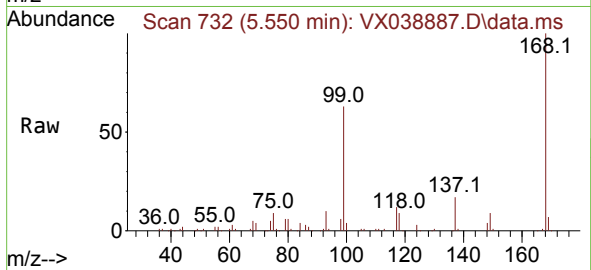
Acq: 17 Nov 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20231109DL



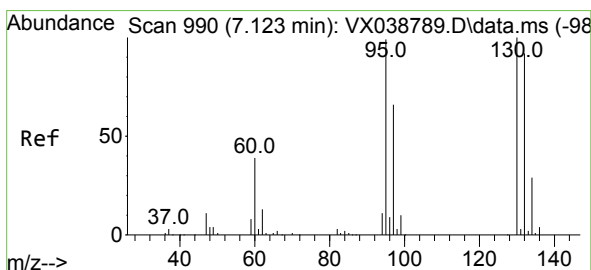
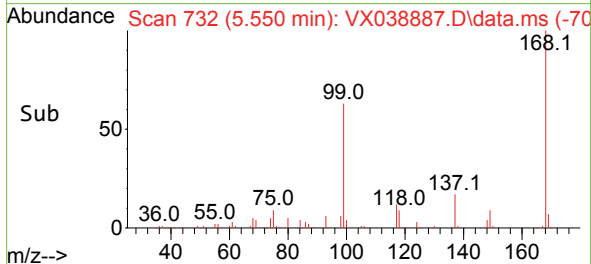
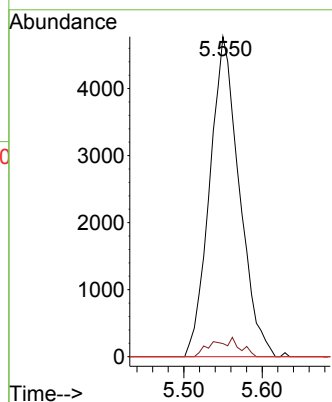
Tgt Ion:117 Resp: 12545

Ion Ratio Lower Upper

117 100

119 4.1 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 61.877 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX038887.D

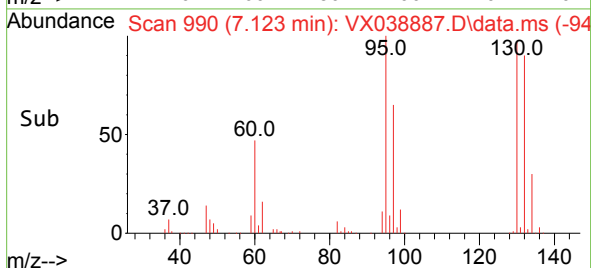
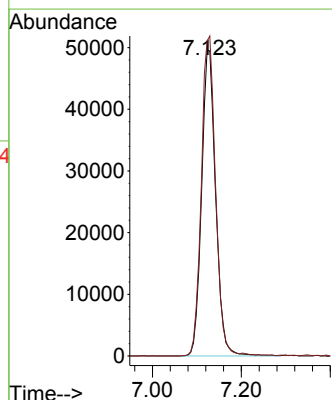
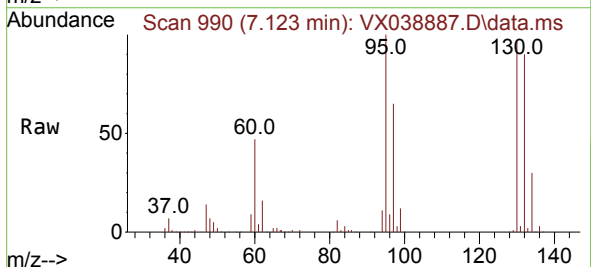
Acq: 17 Nov 2023 17:48

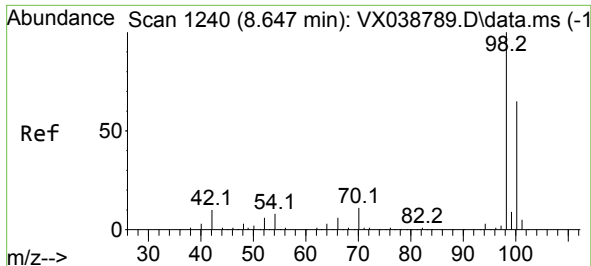
Tgt Ion:130 Resp: 109594

Ion Ratio Lower Upper

130 100

95 103.0 0.0 204.4

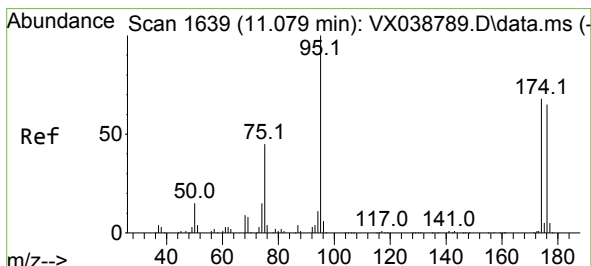
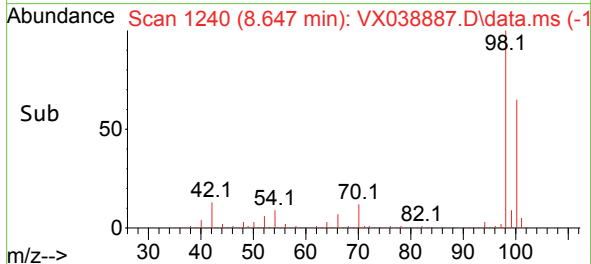
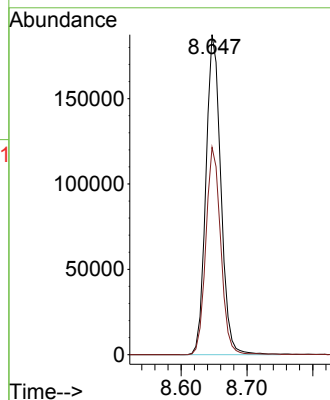
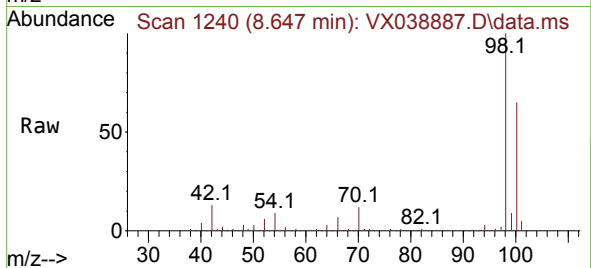




#50
Toluene-d8
Concen: 45.128 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

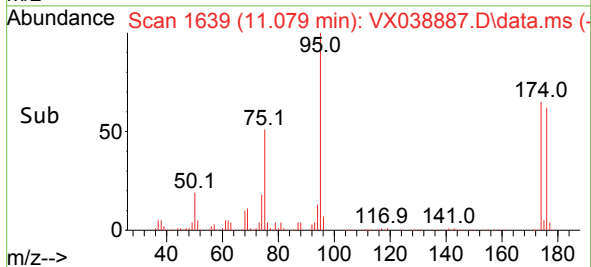
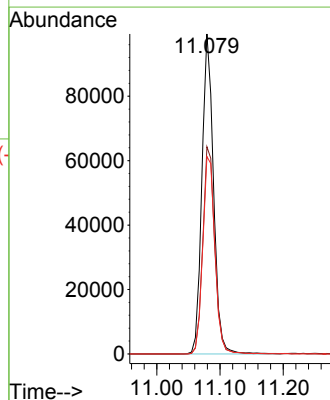
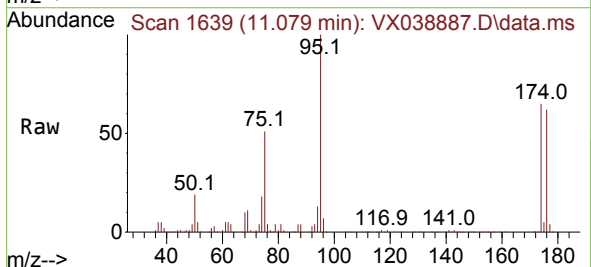
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109DL

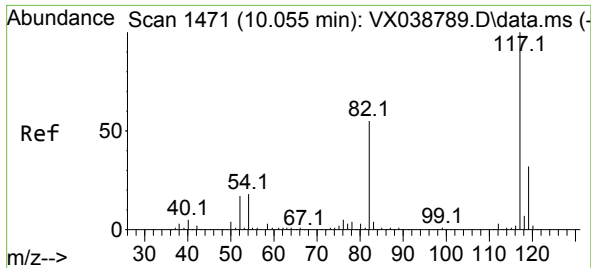
Tgt Ion: 98 Resp: 296376
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

Tgt Ion: 95 Resp: 127086
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 65.1 0.0 131.0

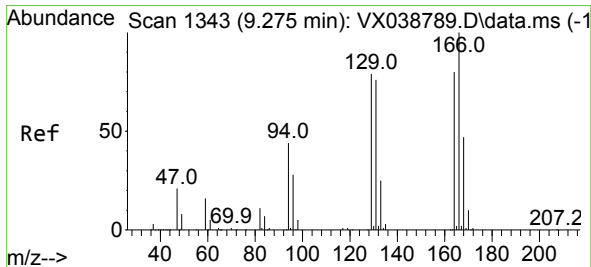
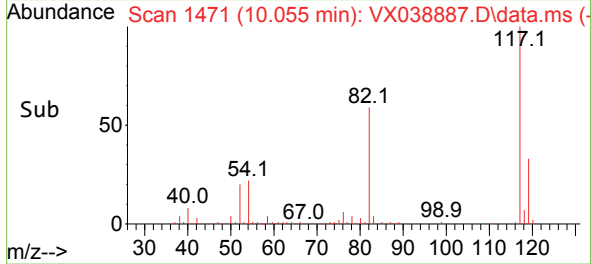
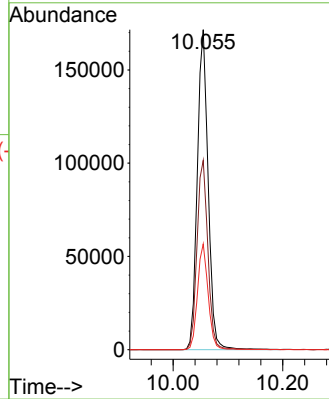
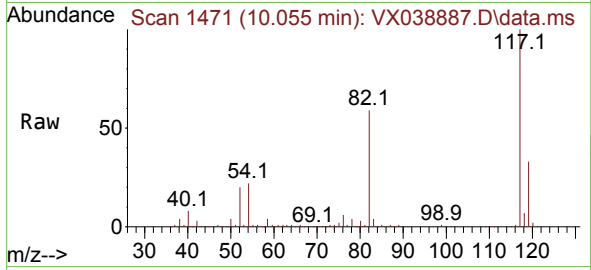




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

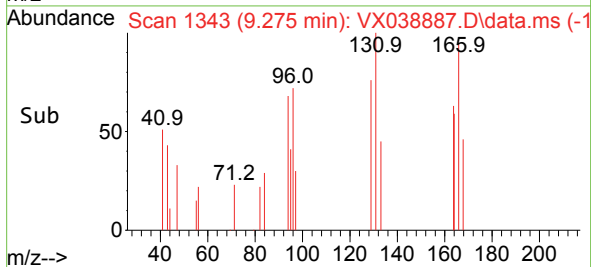
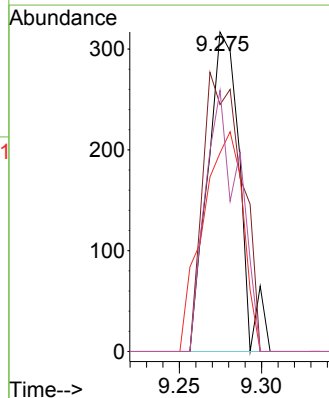
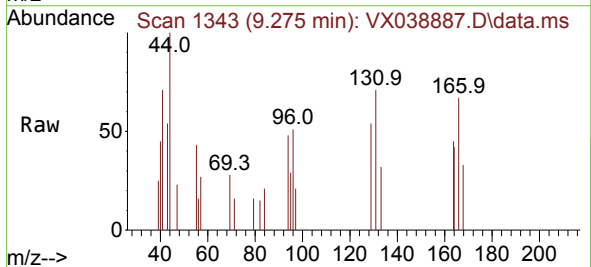
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109DL

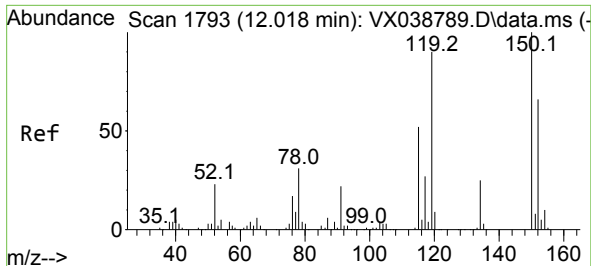
Tgt Ion:117 Resp: 236922
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.292 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

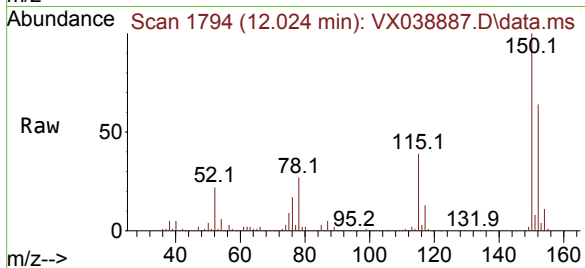
Tgt Ion:164 Resp: 430
Ion Ratio Lower Upper
164 100
166 77.3 102.7 154.1#
129 62.1 80.4 120.6#
131 81.7 76.5 114.7



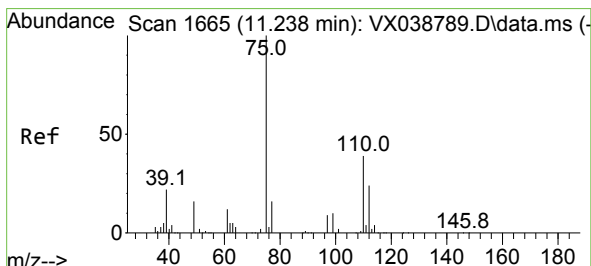
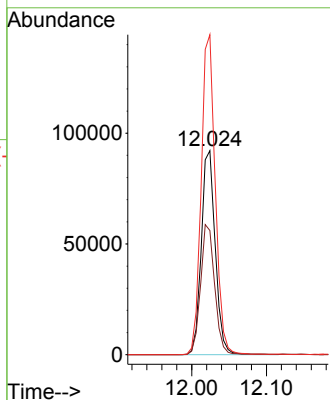
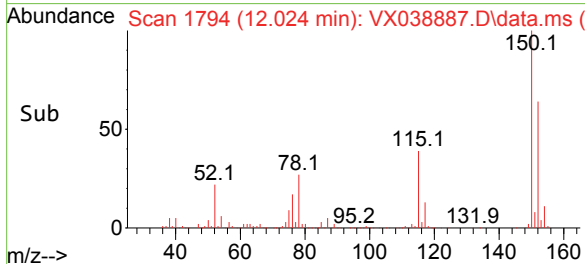


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109DL

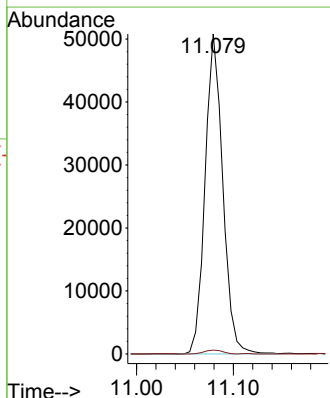
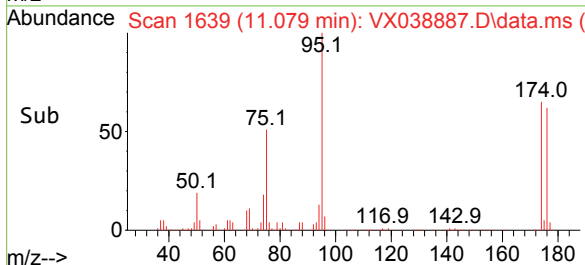
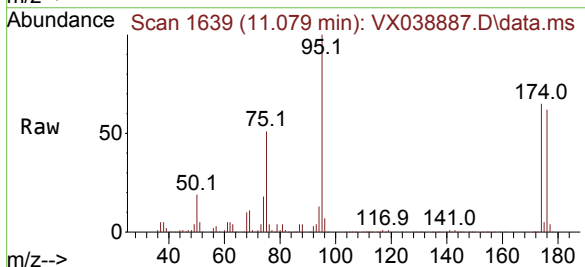


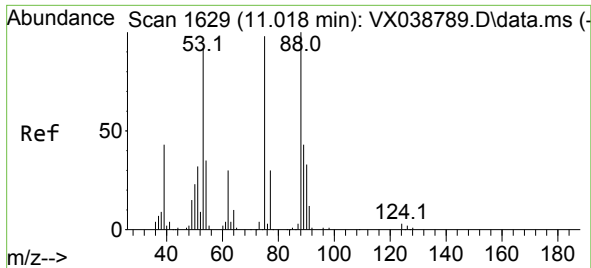
Tgt Ion:152 Resp: 119634
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 157.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038887.D
Acq: 17 Nov 2023 17:48

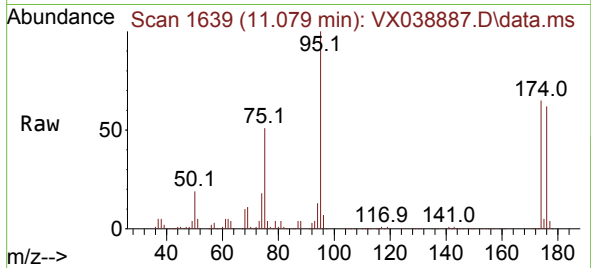
Tgt Ion: 75 Resp: 64678
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.064 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038887.D
 Acq: 17 Nov 2023 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20231109DL



Tgt Ion: 75 Resp: 64678
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

