

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034440.D
 Acq On : 13 Mar 2023 18:09
 Operator : JC/MD
 Sample : 01879-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20230308

Quant Time: Mar 14 02:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

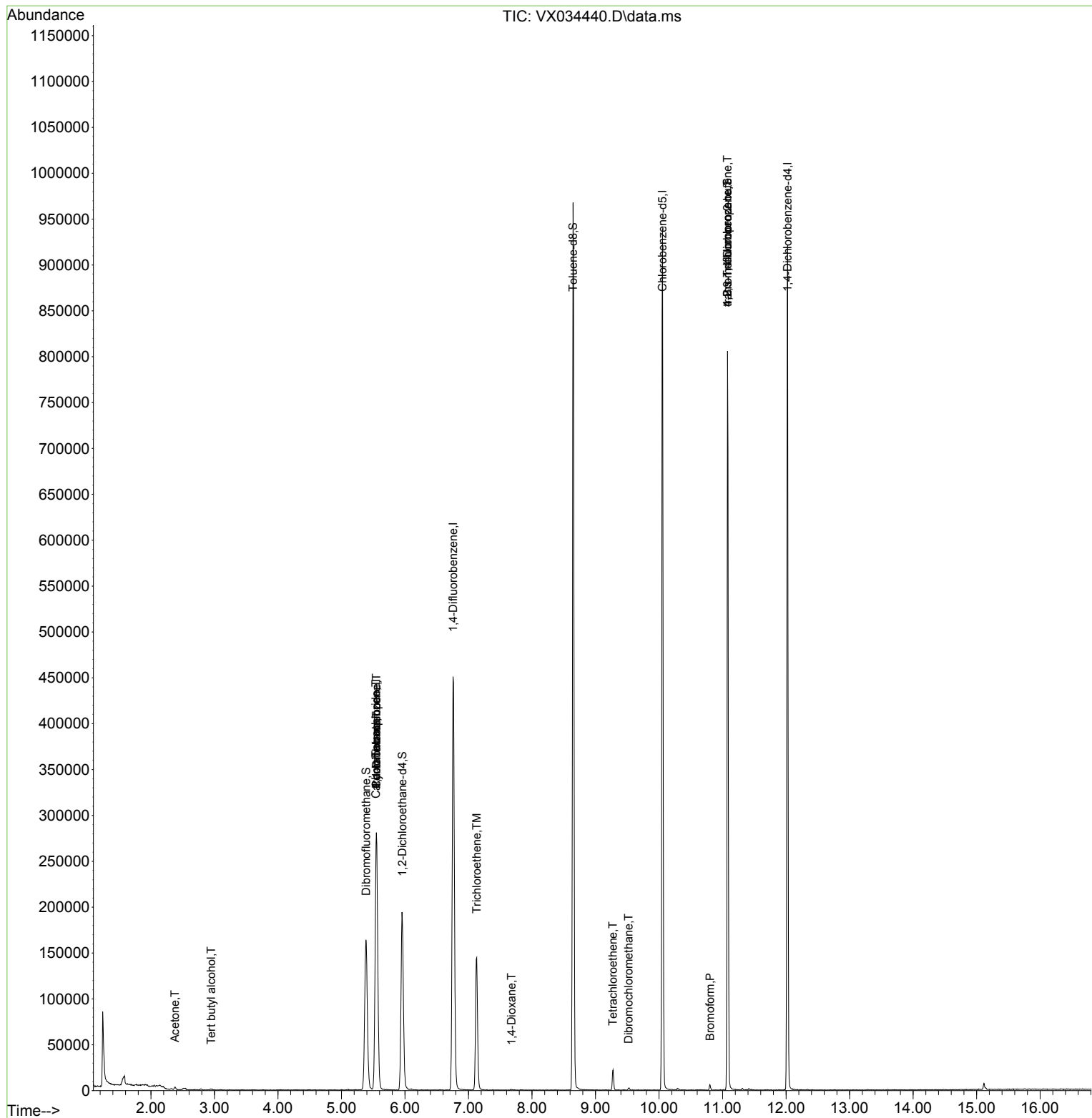
Internal Standards						
1) Pentafluorobenzene	5.550	168	271617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	462338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176249	44.603	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.200%		
35) Dibromofluoromethane	5.385	113	142930	46.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	8.647	98	558263	48.990	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	210050	45.634	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.260%		
Target Compounds						
3) Chloromethane	1.306	50	1208	Below Cal	#	76
11) Tert butyl alcohol	2.946	59	957	1.163	ug/l #	79
16) Acetone	2.379	43	2947	1.583	ug/l #	87
31) Cyclohexane	5.550	56	5720	1.032	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20796	4.435	ug/l #	51
38) Carbon Tetrachloride	5.543	117	27515	5.899	ug/l #	16
44) Trichloroethene	7.128	130	56911	15.970	ug/l	99
49) 1,4-Dioxane	7.677	88	580	6.617	ug/l	91
60) Dibromochloromethane	9.518	129	1100	0.311	ug/l	89
64) Tetrachloroethene	9.274	164	3600	1.289	ug/l	95
71) Bromoform	10.805	173	2130	0.833	ug/l #	100
76) 1,2,3-Trichloropropane	11.079	75	108260	25.611	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	108260	69.286	ug/l #	8

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

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GM38-RW3-MW1-20230308

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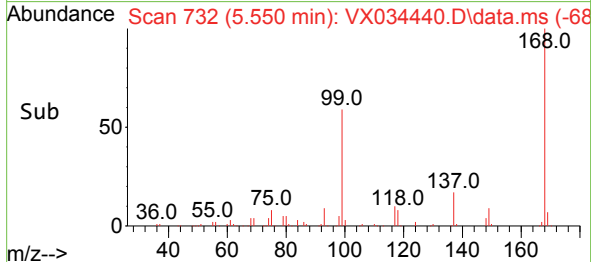
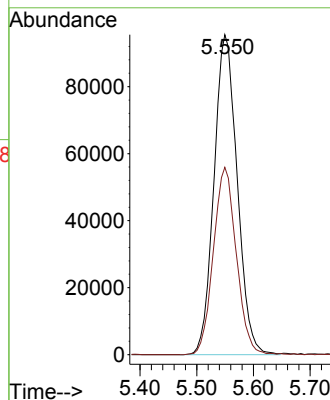
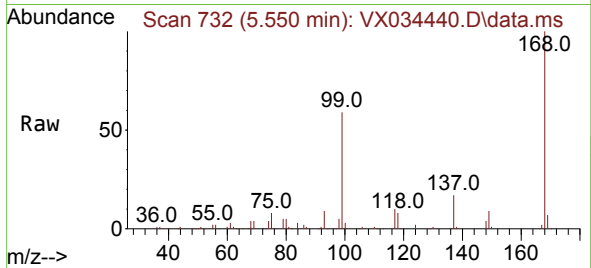




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

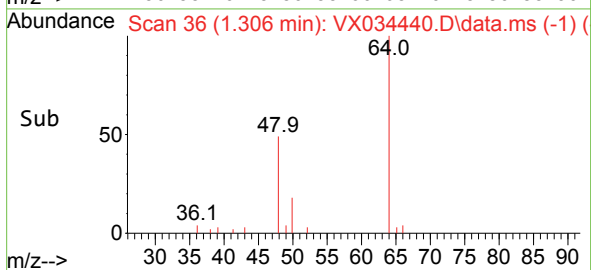
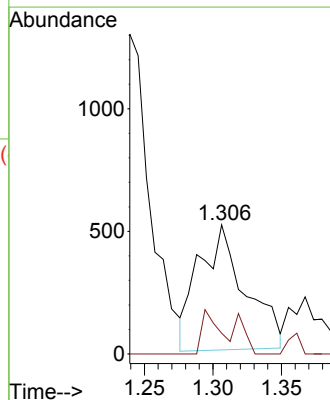
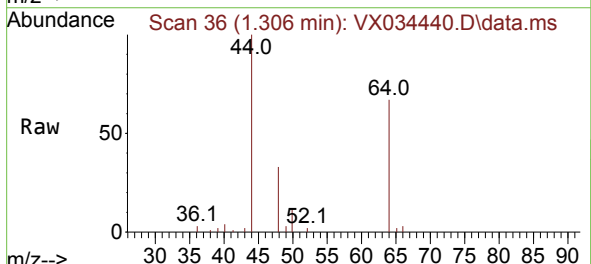
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230308

Tgt Ion:168 Resp: 271617
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.306 min Scan# 36
Delta R.T. 0.005 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

Tgt Ion: 50 Resp: 1208
Ion Ratio Lower Upper
50 100
52 19.1 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.163 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034440.D

Acq: 13 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

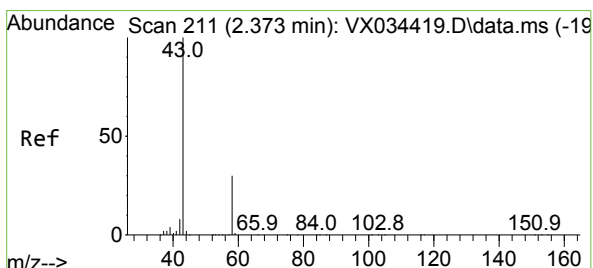
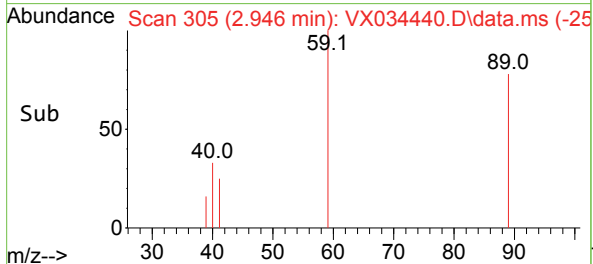
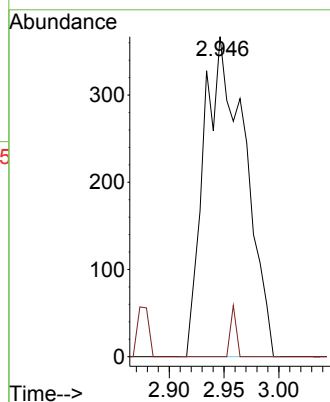
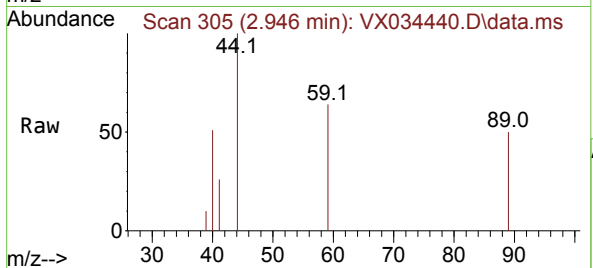
GM38-RW3-MW1-20230308

Tgt Ion: 59 Resp: 957

Ion Ratio Lower Upper

59 100

57 2.3 8.1 12.1#



#16

Acetone

Concen: 1.583 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034440.D

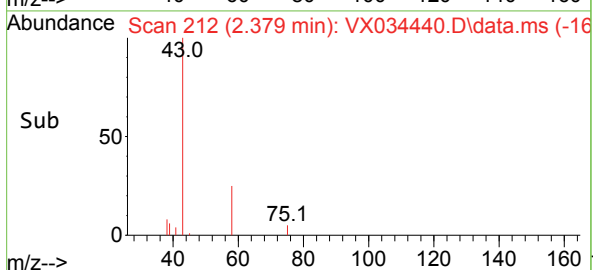
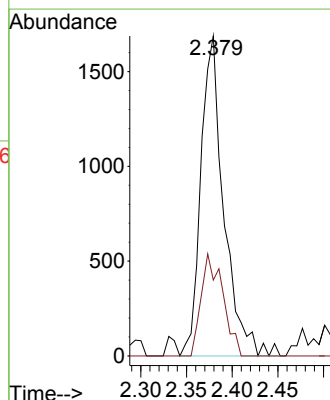
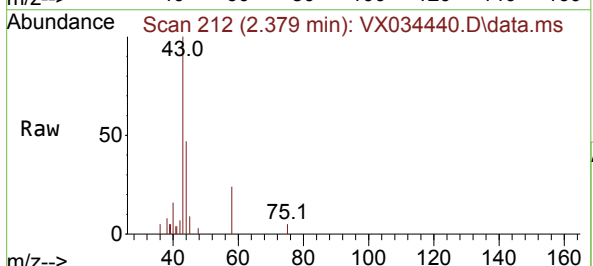
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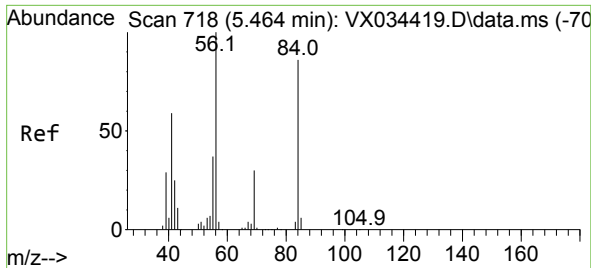
Tgt Ion: 43 Resp: 2947

Ion Ratio Lower Upper

43 100

58 23.7 24.7 37.1#

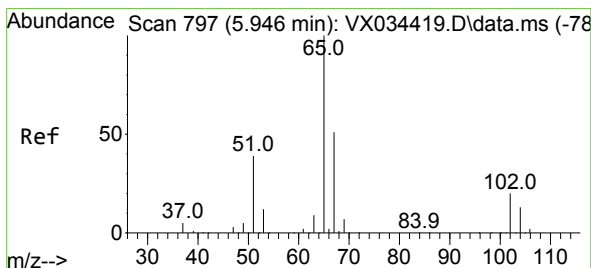
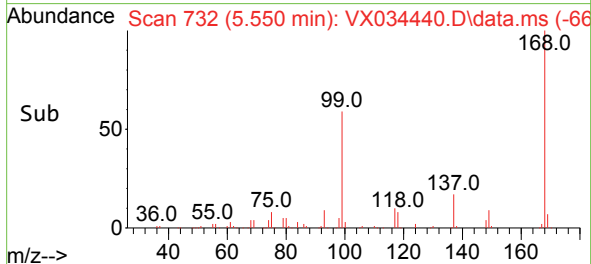
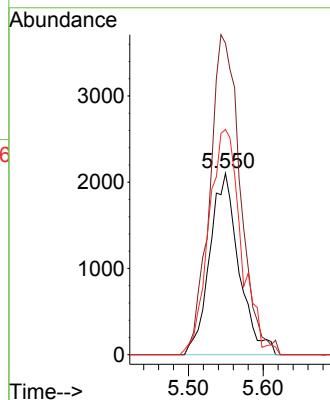
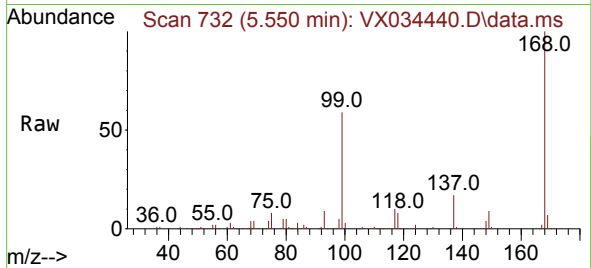




#31
Cyclohexane
Concen: 1.032 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

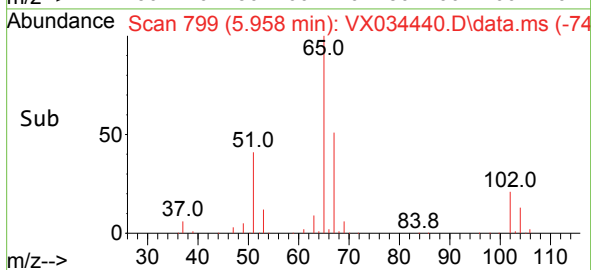
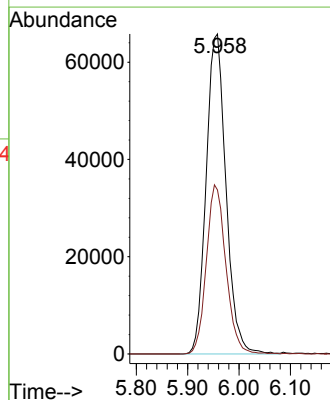
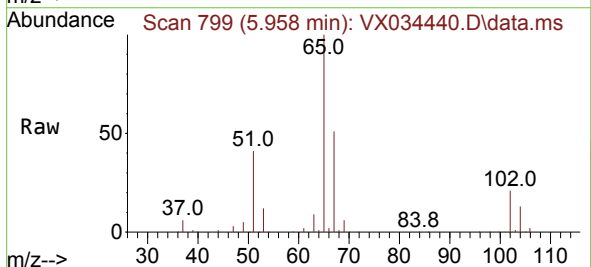
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230308

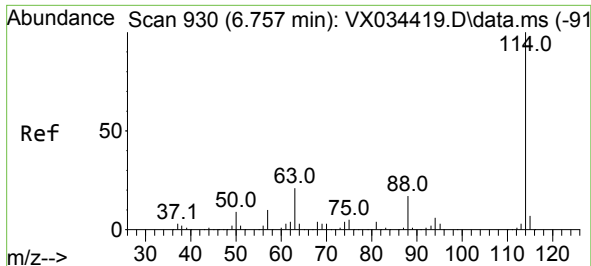
Tgt Ion: 56 Resp: 5720
Ion Ratio Lower Upper
56 100
69 171.6 23.7 35.5#
84 124.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 44.603 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

Tgt Ion: 65 Resp: 176249
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

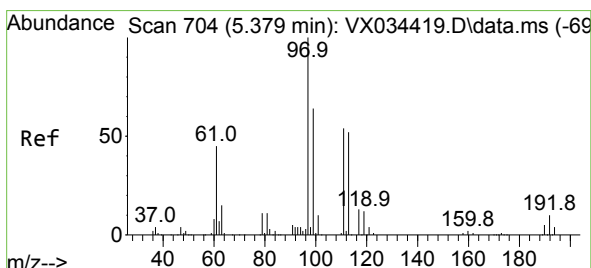
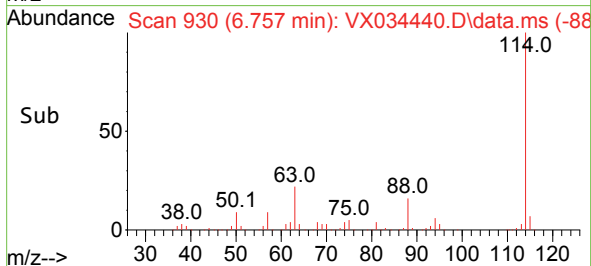
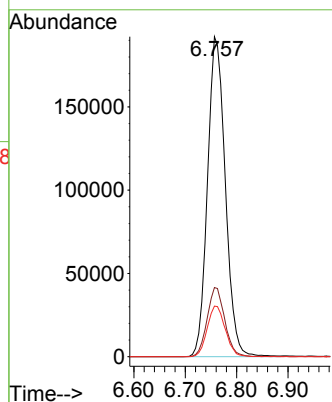
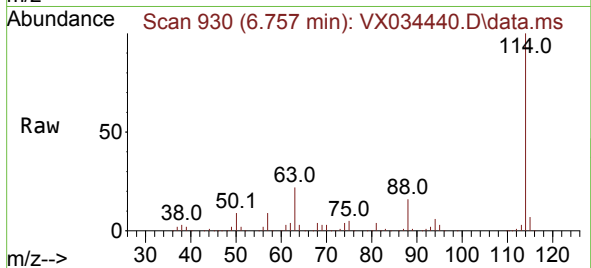




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

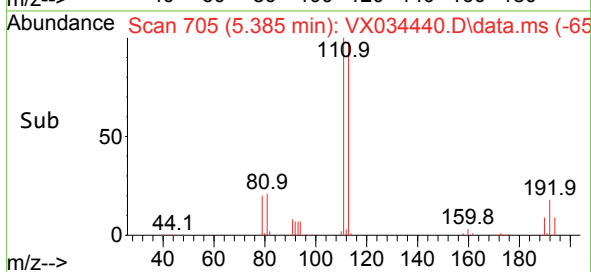
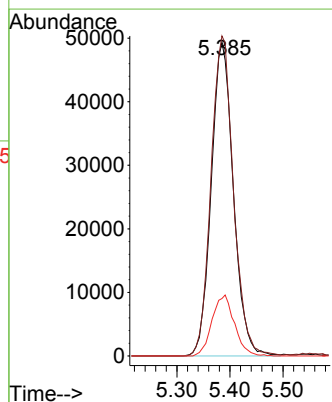
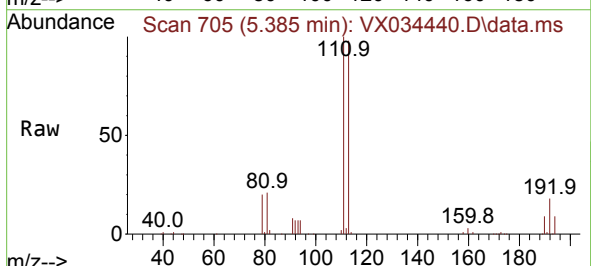
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230308

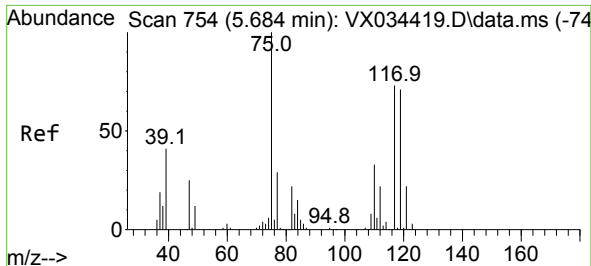
Tgt Ion:114 Resp: 462338
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 15.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

Tgt Ion:113 Resp: 142930
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 19.7 15.4 23.2

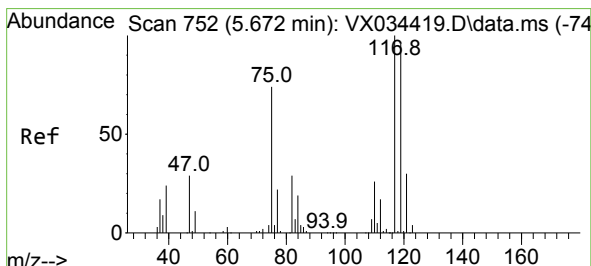
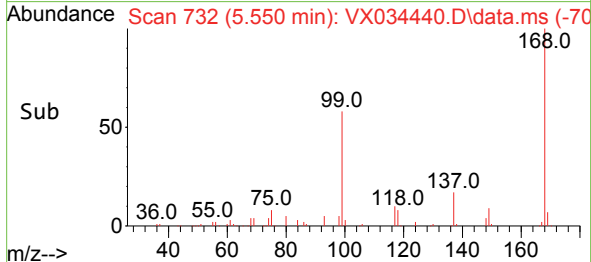
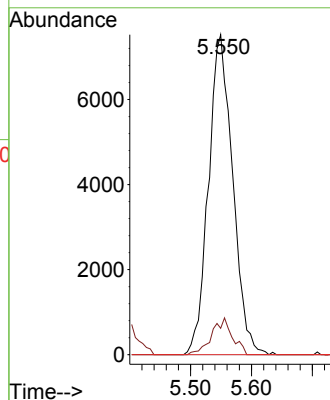
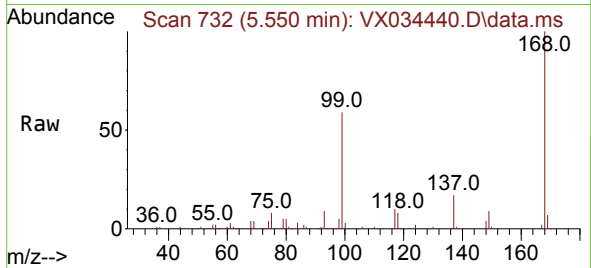




#36
1,1-Dichloropropene
Concen: 4.435 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

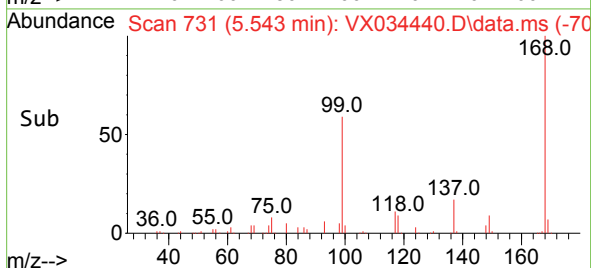
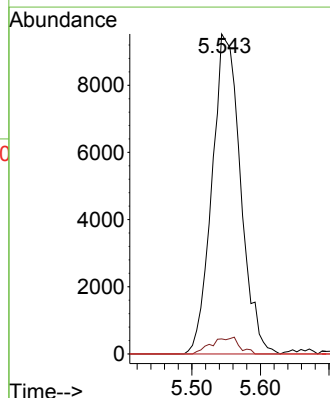
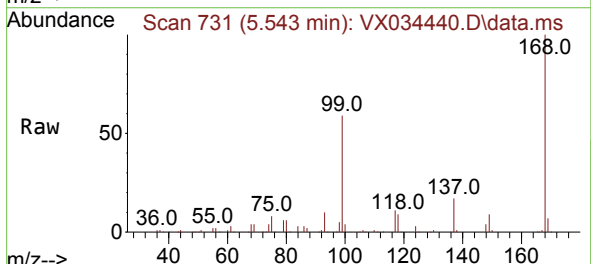
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MSVOA_X
ClientSampleId :
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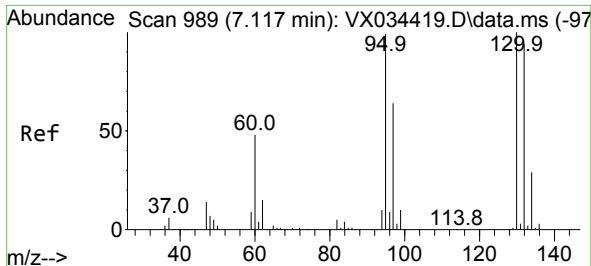
Tgt Ion: 75 Resp: 20796
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.899 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

Tgt Ion: 117 Resp: 27515
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#

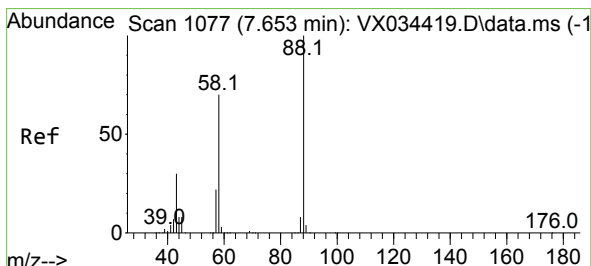
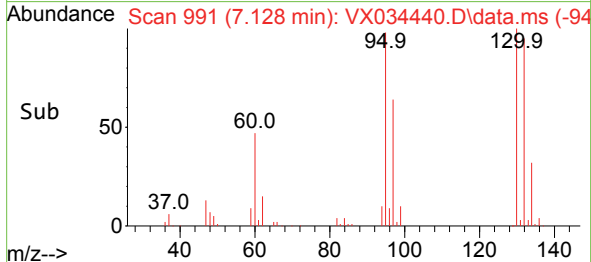
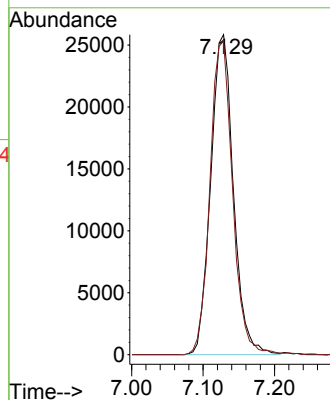
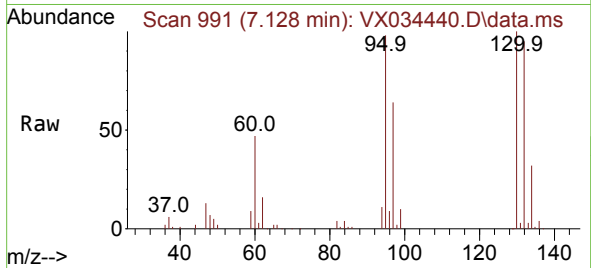




#44
Trichloroethene
Concen: 15.970 ug/l
RT: 7.128 min Scan# 94
Delta R.T. 0.012 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

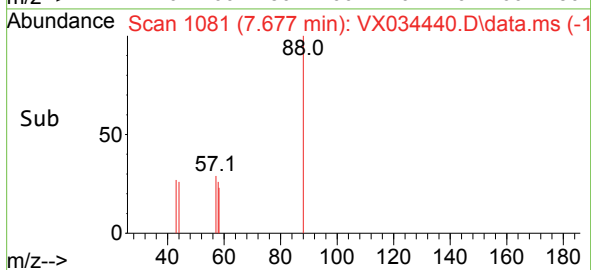
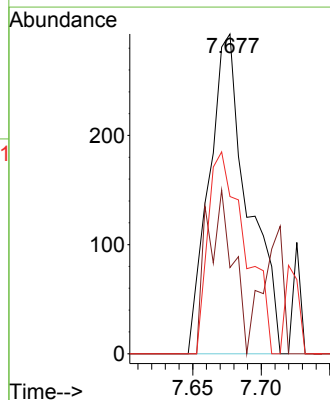
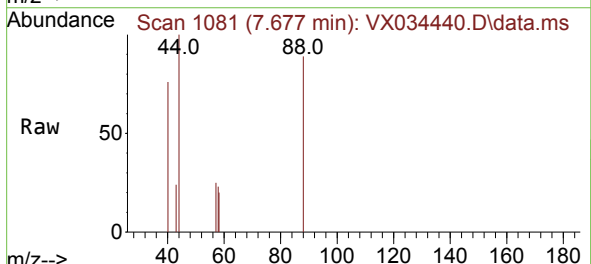
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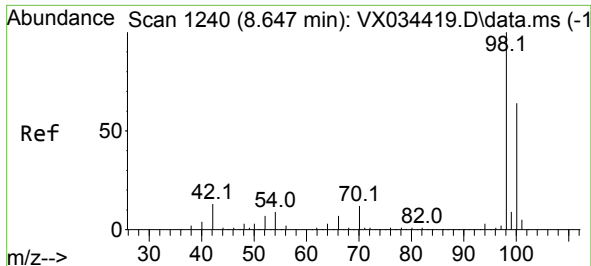
Tgt Ion:130 Resp: 56911
Ion Ratio Lower Upper
130 100
95 98.0 0.0 198.4



#49
1,4-Dioxane
Concen: 6.617 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

Tgt Ion: 88 Resp: 580
Ion Ratio Lower Upper
88 100
43 33.8 27.7 41.5
58 60.5 56.8 85.2

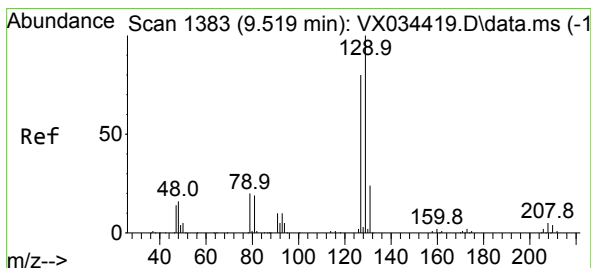
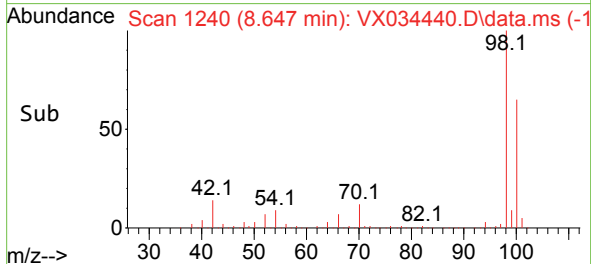
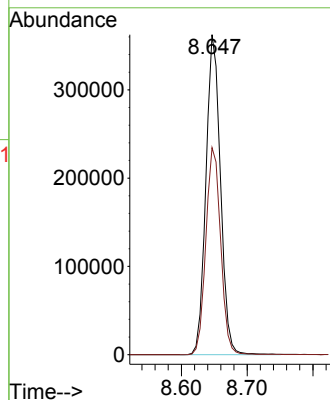
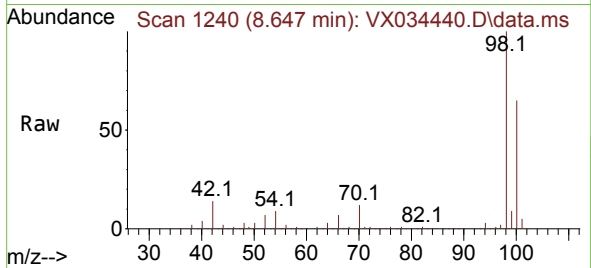




#50
Toluene-d8
Concen: 48.990 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

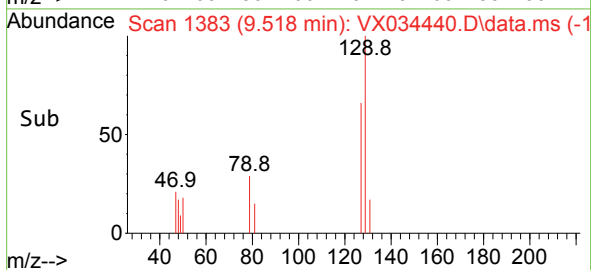
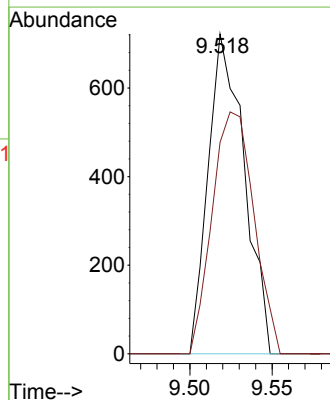
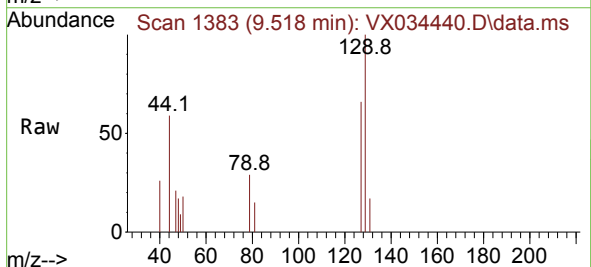
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230308

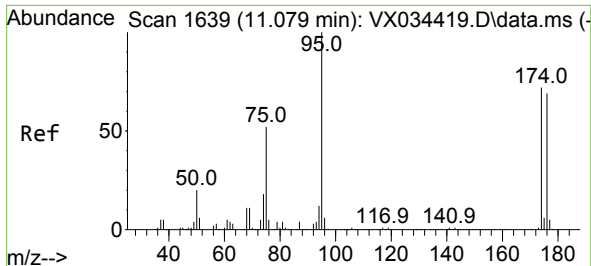
Tgt Ion: 98 Resp: 558263
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#60
Dibromochloromethane
Concen: 0.311 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

Tgt Ion:129 Resp: 1100
Ion Ratio Lower Upper
129 100
127 87.6 39.0 117.0

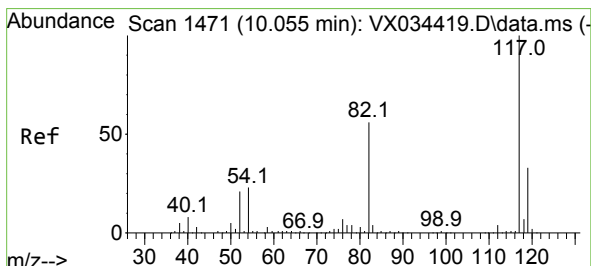
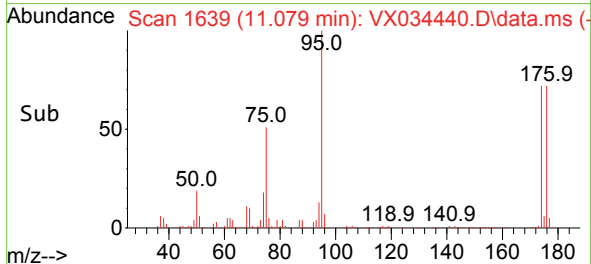
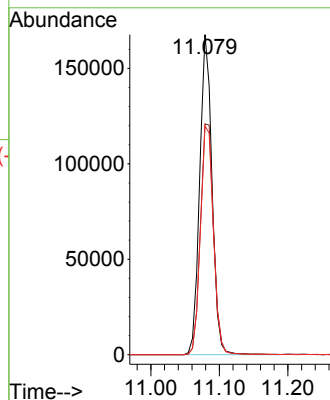
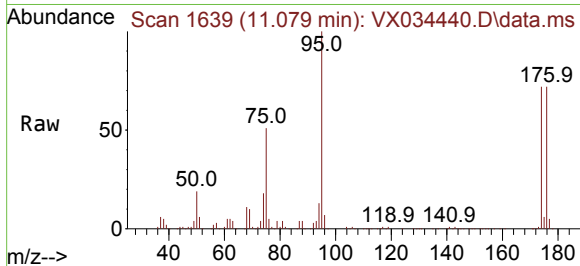




#62
4-Bromofluorobenzene
Concen: 45.634 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

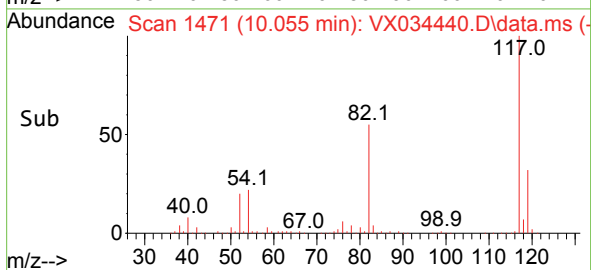
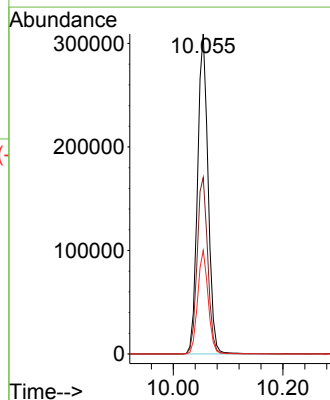
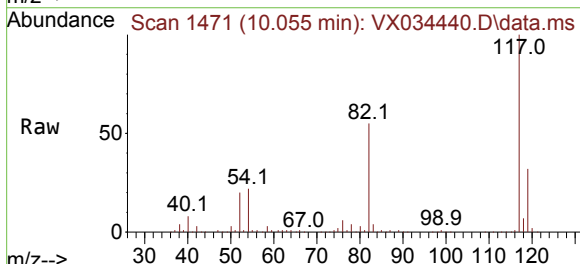
Instrument :
MSVOA_X
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GM38-RW3-MW1-20230308

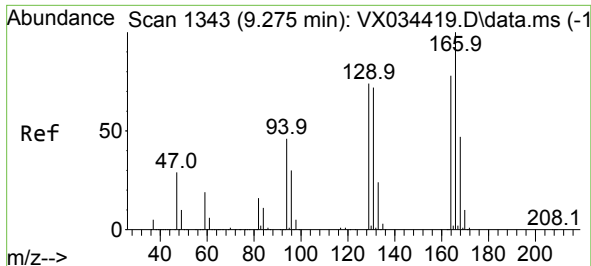
Tgt Ion: 95 Resp: 210050
Ion Ratio Lower Upper
95 100
174 77.5 0.0 147.4
176 75.4 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

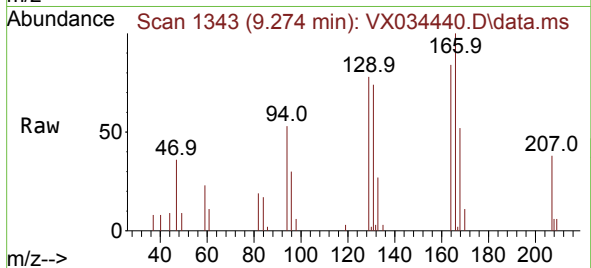
Tgt Ion: 117 Resp: 415759
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.3 26.0 39.0



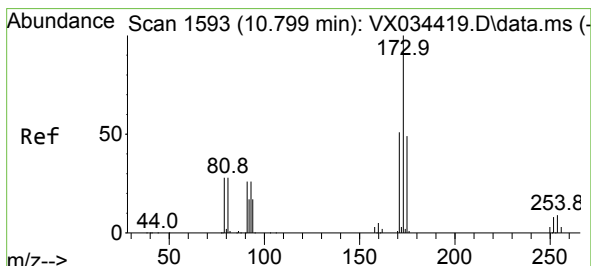
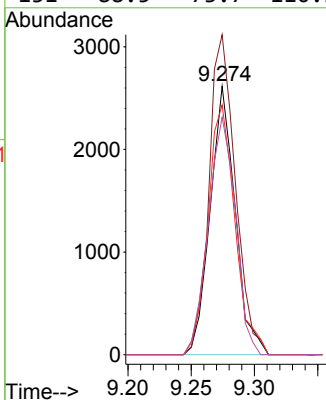
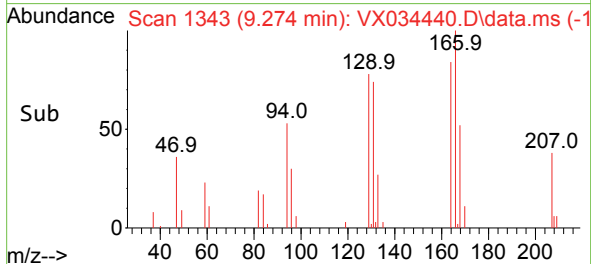


#64
Tetrachloroethene
Concen: 1.289 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

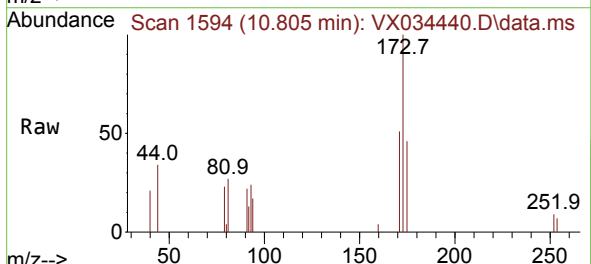
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230308



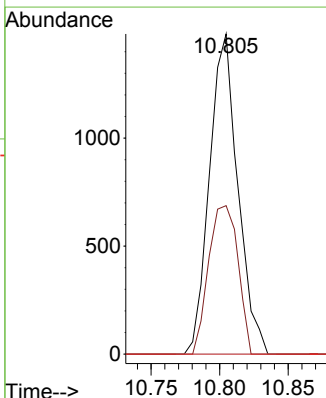
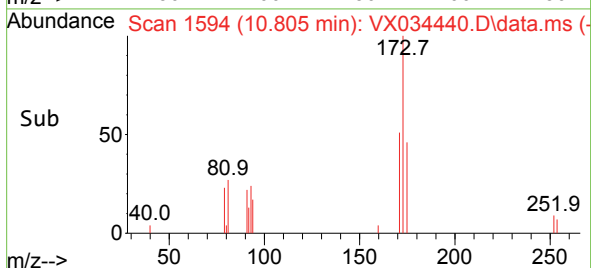
Tgt Ion:164 Resp: 3600
Ion Ratio Lower Upper
164 100
166 119.2 102.7 154.1
129 93.1 75.6 113.4
131 88.5 73.7 110.5

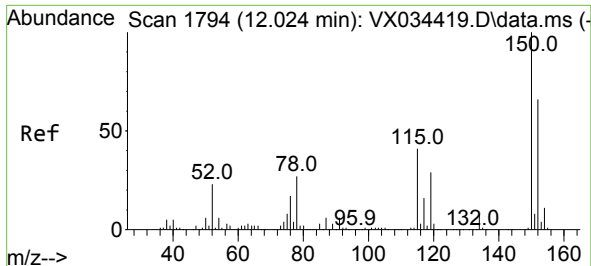


#71
Bromoform
Concen: 0.833 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09



Tgt Ion:173 Resp: 2130
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.1 0.1#

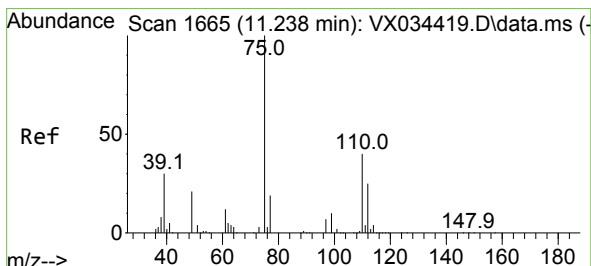
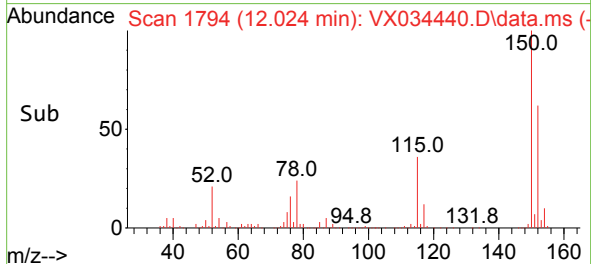
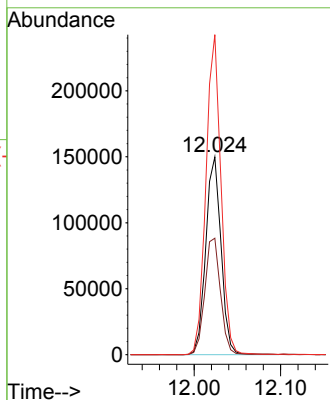
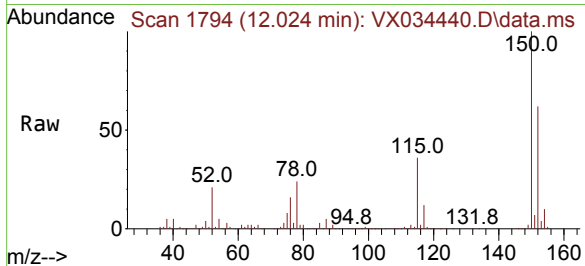




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

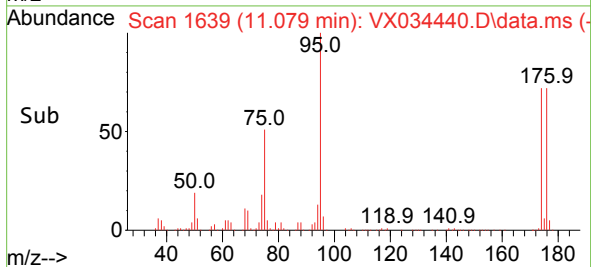
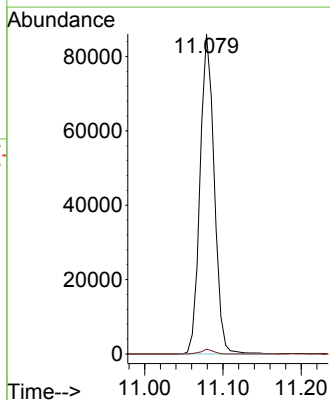
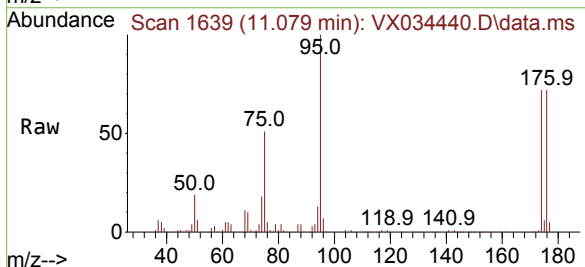
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20230308

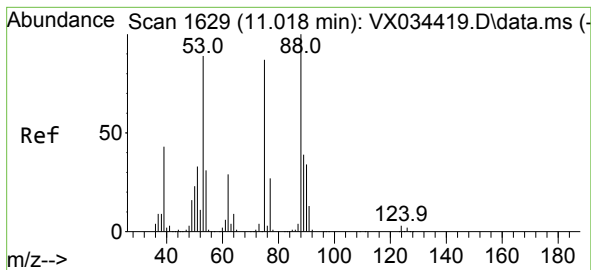
Tgt Ion:152 Resp: 184095
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 158.4 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034440.D
Acq: 13 Mar 2023 18:09

Tgt Ion: 75 Resp: 108260
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.286 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034440.D
 Acq: 13 Mar 2023 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20230308

Tgt Ion: 75 Resp: 108260
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

