

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072640.D
 Acq On : 26 May 2022 20:17
 Operator : JC\MD
 Sample : N3038-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-045-IDWGW-20220524

Quant Time: May 27 05:35:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

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

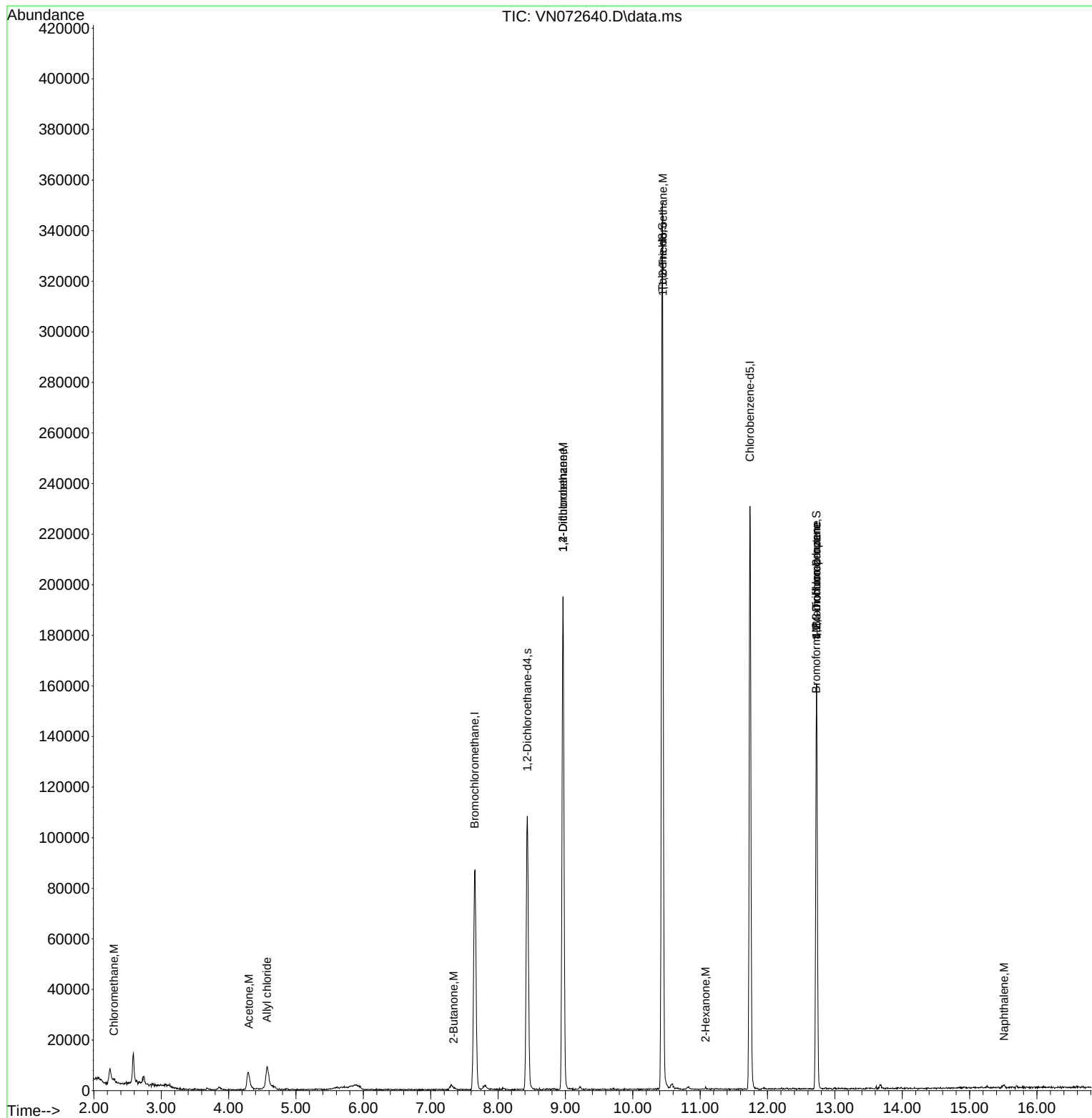
Internal Standards						
1) Bromochloromethane	7.651	128	31922	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	171787	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	138402	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	90282	29.556	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.533%		
60) 4-Bromofluorobenzene	12.727	95	56621	23.295	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	77.667%		
63) Toluene-d8	10.439	98	248396	31.564	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.200%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	913	0.312	ug/l	91
15) Acetone	4.298	58	3470	8.295	ug/l #	63
17) Allyl chloride	4.569	41	1068	0.267	ug/l #	30
30) 2-Butanone	7.339	43	535	0.245	ug/l #	53
36) 1,2-Dichloroethane	8.963	62	5334	1.607	ug/l #	77
50) 1,1,2-Trichloroethane	10.445	97	8814	3.472	ug/l #	1
56) Bromoform	12.721	173	482	0.256	ug/l #	1
59) 2-Hexanone	11.080	43	574	0.201	ug/l #	62
72) 1,2,3-Trichloropropane	12.727	75	29652	10.336	ug/l	1
77) t-1,4-Dichloro-2-butene	12.727	75	29652	26.451	ug/l #	8
91) Naphthalene	15.510	128	2269	0.351	ug/l #	68

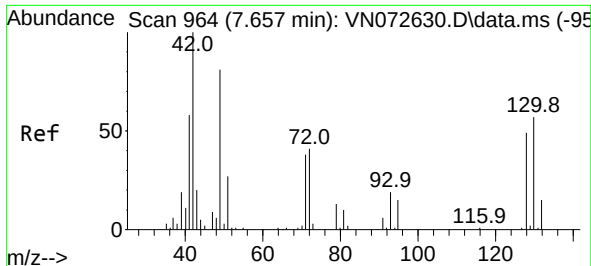
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
Data File : VN072640.D
Acq On : 26 May 2022 20:17
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Sample : N3038-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT-045-IDWGW-20220524

Quant Time: May 27 05:35:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 27 05:07:24 2022
Response via : Initial Calibration

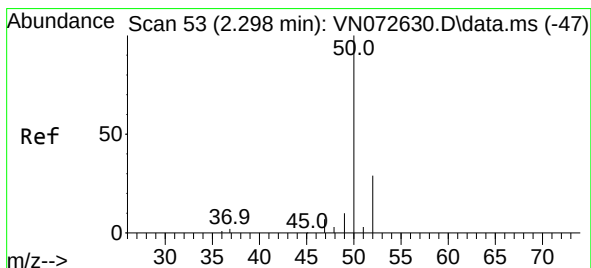
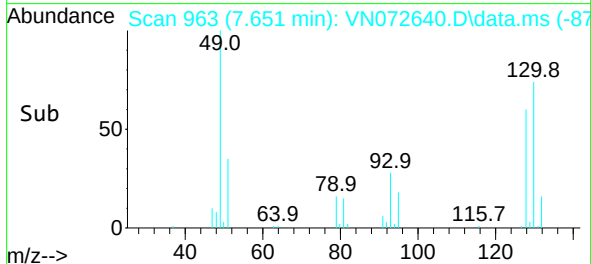
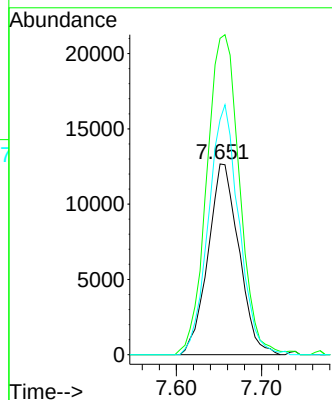
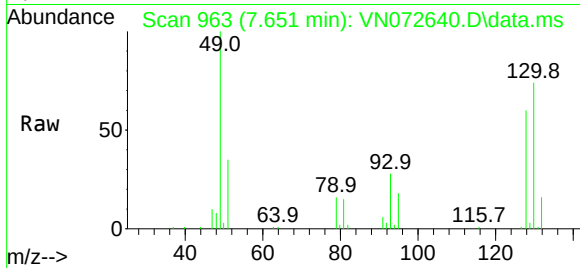




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

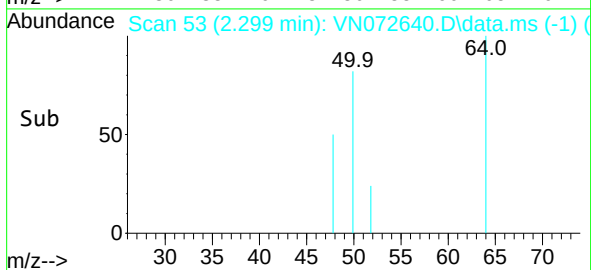
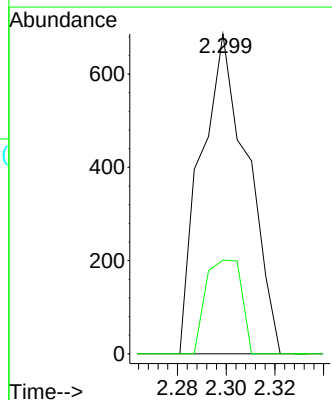
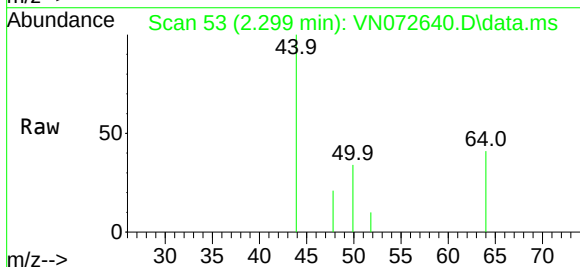
Instrument :
MSVOA_N
ClientSampleId :
TT-045-IDWGW-20220524

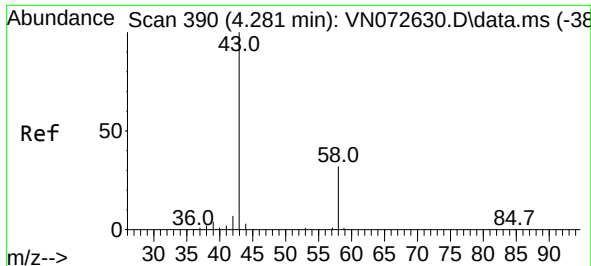
Tgt Ion:128 Resp: 31922
Ion Ratio Lower Upper
128 100
49 177.4 0.0 392.3
130 128.9 0.0 320.2



#3
Chloromethane
Concen: 0.312 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 29.3 27.8 41.6





#15

Acetone

Concen: 8.295 ug/l

RT: 4.298 min Scan# 390

Delta R.T. 0.018 min

Lab File: VN072640.D

Acq: 26 May 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

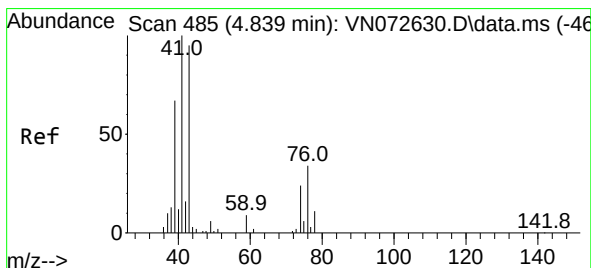
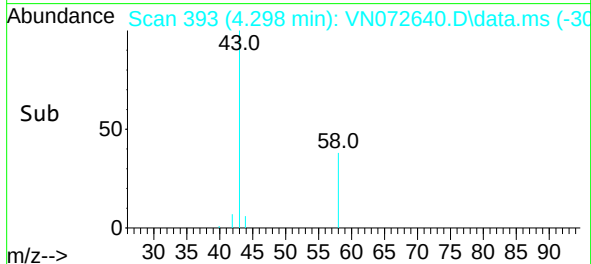
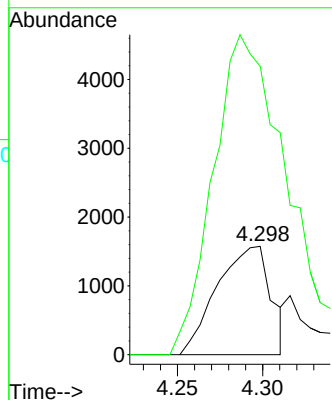
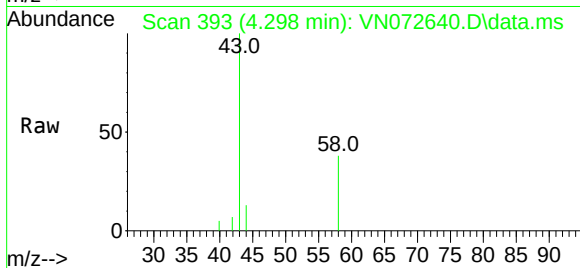
TT-045-IDWGW-20220524

Tgt Ion: 58 Resp: 3470

Ion Ratio Lower Upper

58 100

43 245.1 256.6 384.8#



#17

Allyl chloride

Concen: 0.267 ug/l

RT: 4.569 min Scan# 439

Delta R.T. -0.270 min

Lab File: VN072640.D

Acq: 26 May 2022 20:17

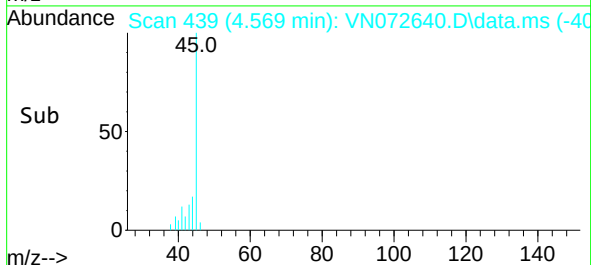
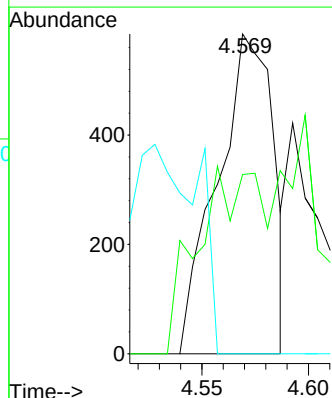
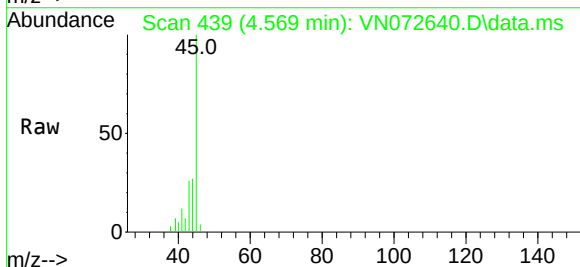
Tgt Ion: 41 Resp: 1068

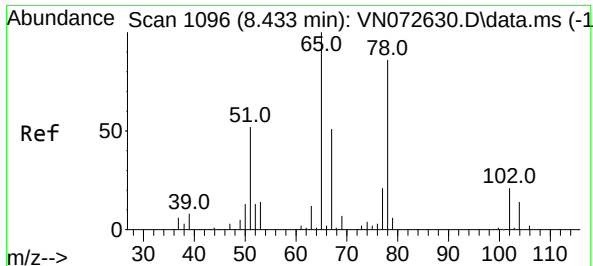
Ion Ratio Lower Upper

41 100

39 20.7 44.6 134.0#

76 0.0 19.6 58.7#

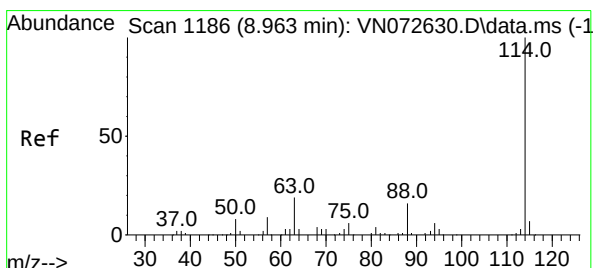
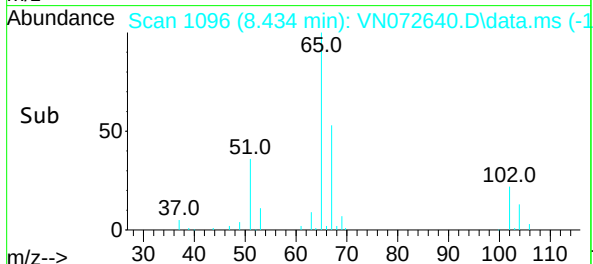
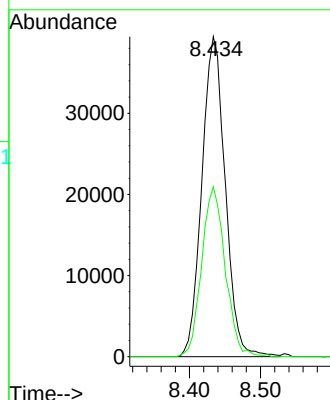
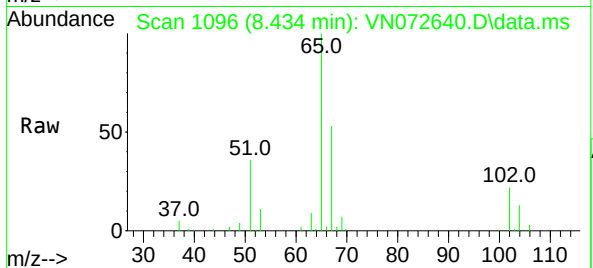




#27
 1,2-Dichloroethane-d4
 Concen: 29.556 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: VN072640.D
 Acq: 26 May 2022 20:17

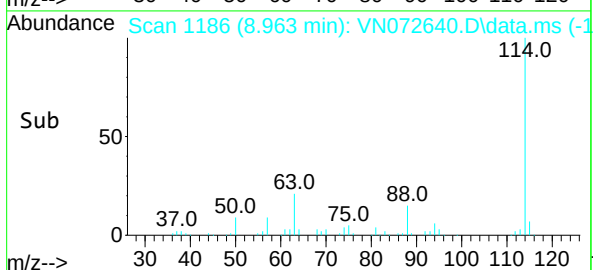
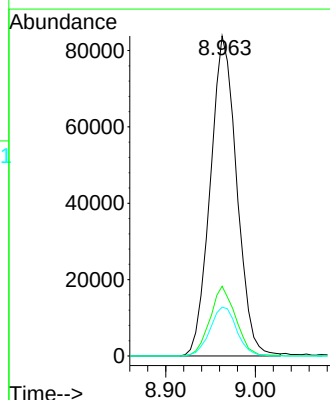
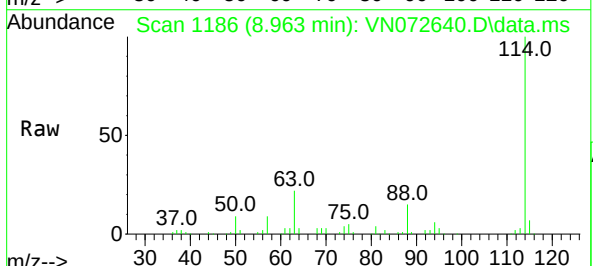
Instrument :
 MSVOA_N
 ClientSampleId :
 TT-045-IDWGW-20220524

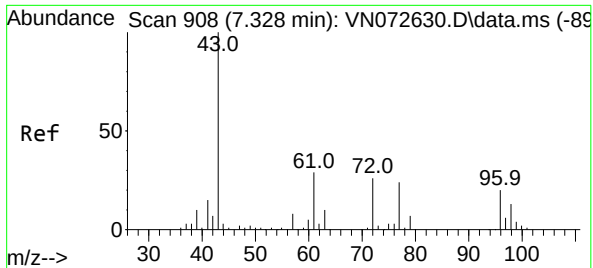
Tgt Ion: 65 Resp: 90282
 Ion Ratio Lower Upper
 65 100
 67 52.5 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.963 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: VN072640.D
 Acq: 26 May 2022 20:17

Tgt Ion: 114 Resp: 171787
 Ion Ratio Lower Upper
 114 100
 63 21.1 15.8 23.6
 88 15.3 11.6 17.4

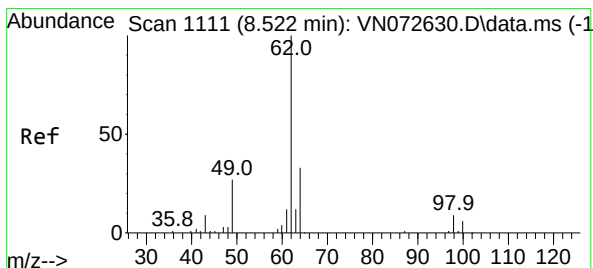
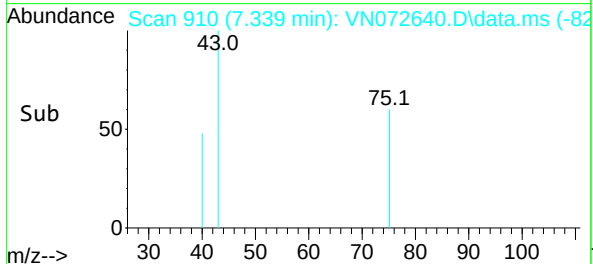
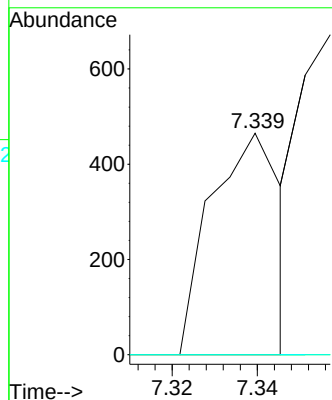
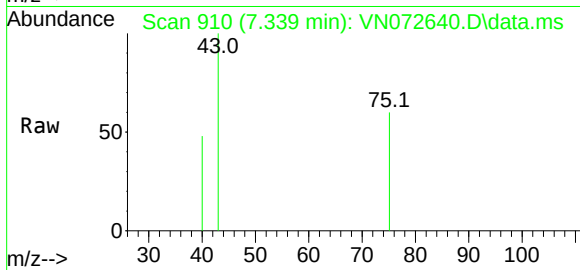




#30
2-Butanone
Concen: 0.245 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

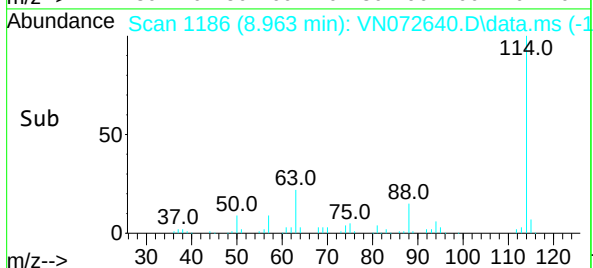
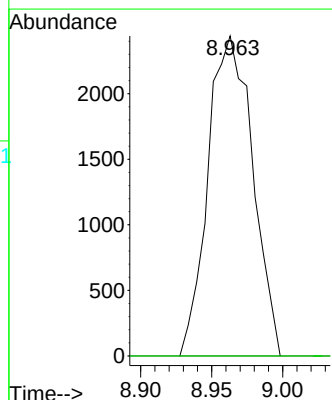
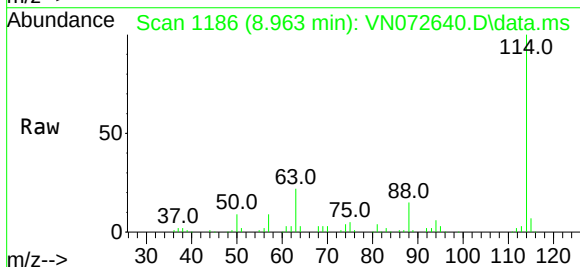
Instrument :
MSVOA_N
ClientSampleId :
TT-045-IDWGW-20220524

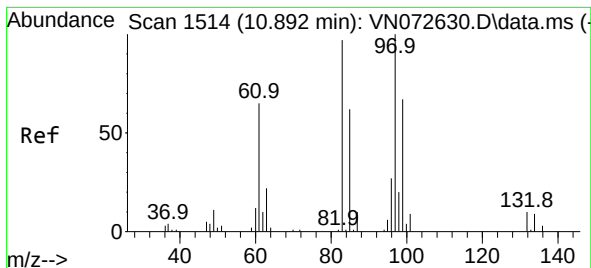
Tgt Ion: 43 Resp: 535
Ion Ratio Lower Upper
43 100
57 0.0 6.7 10.1#
72 0.0 23.2 34.8#



#36
1,2-Dichloroethane
Concen: 1.607 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.441 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

Tgt Ion: 62 Resp: 5334
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#50

1,1,2-Trichloroethane

Concen: 3.472 ug/l

RT: 10.445 min Scan# 14

Delta R.T. -0.447 min

Lab File: VN072640.D

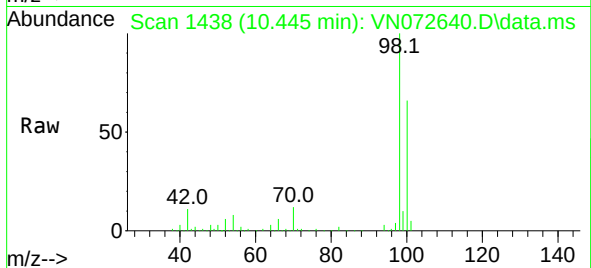
Acq: 26 May 2022 20:17

Instrument :

MSVOA_N

ClientSampleId :

TT-045-IDWGW-20220524



Tgt Ion: 97 Resp: 8814

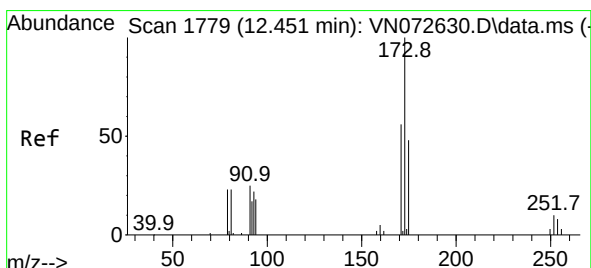
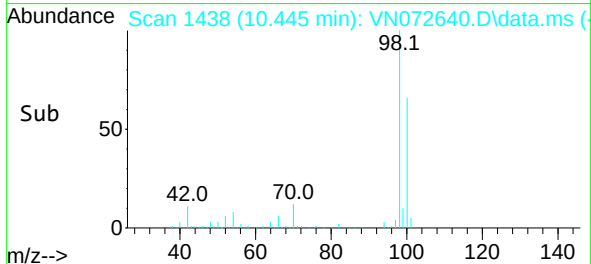
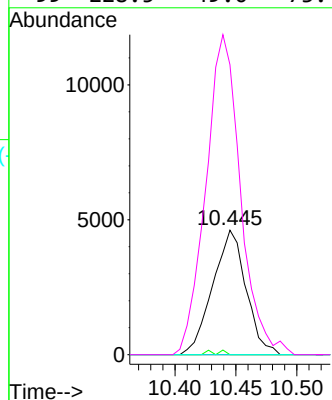
Ion Ratio Lower Upper

97 100

83 0.0 67.2 100.8#

85 0.0 43.0 64.4#

99 228.5 49.0 73.4#



#56

Bromoform

Concen: 0.256 ug/l

RT: 12.721 min Scan# 1825

Delta R.T. 0.271 min

Lab File: VN072640.D

Acq: 26 May 2022 20:17

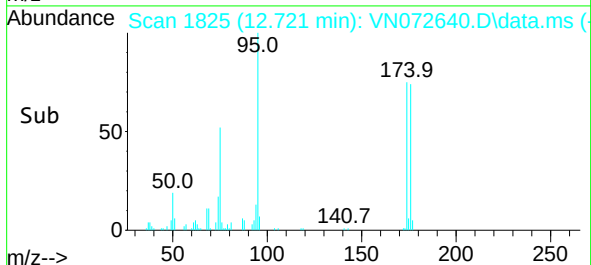
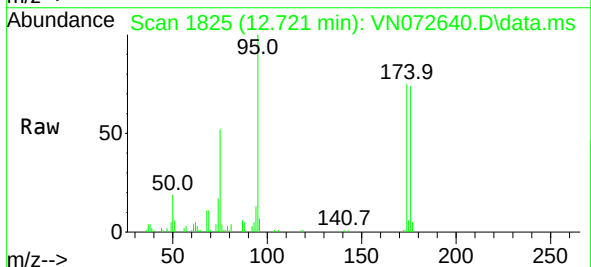
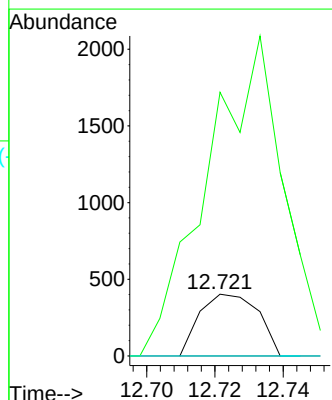
Tgt Ion:173 Resp: 482

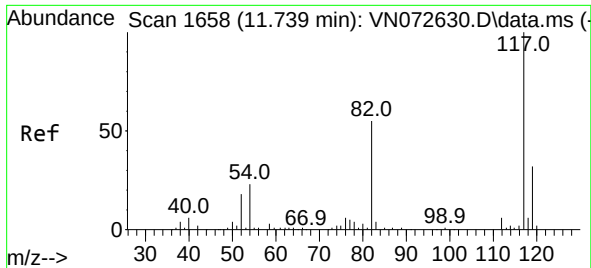
Ion Ratio Lower Upper

173 100

175 668.5 38.6 58.0#

254 0.0 0.0 0.0

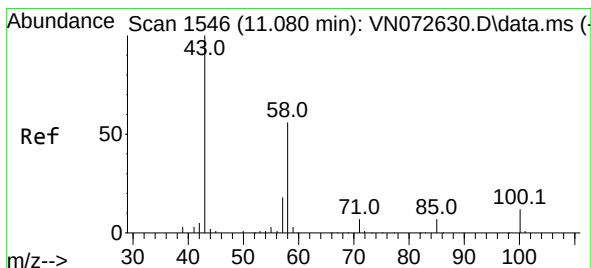
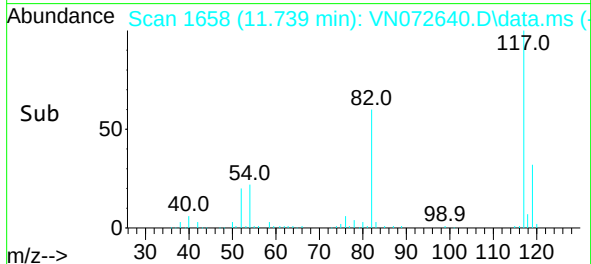
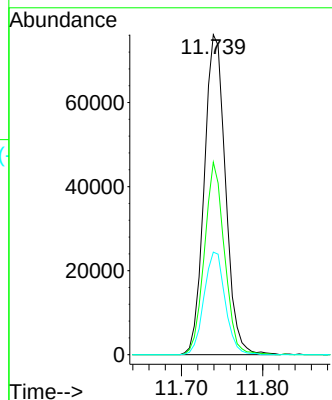
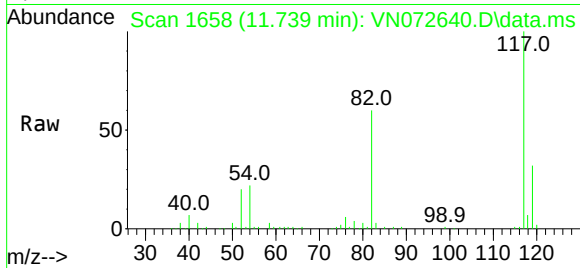




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

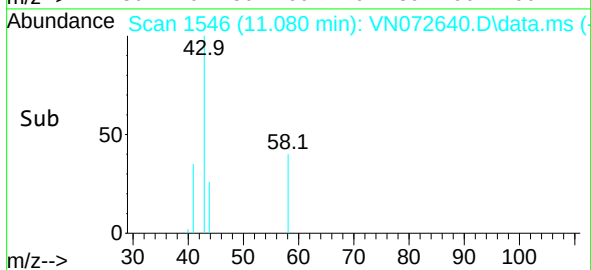
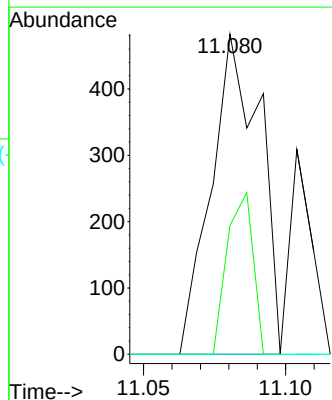
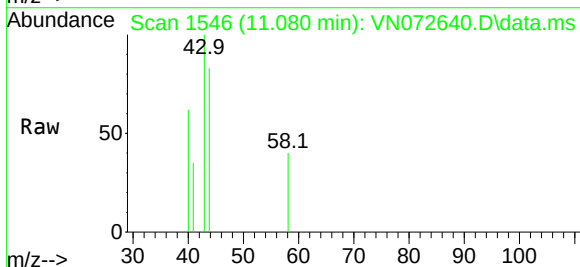
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TT-045-IDWGW-20220524

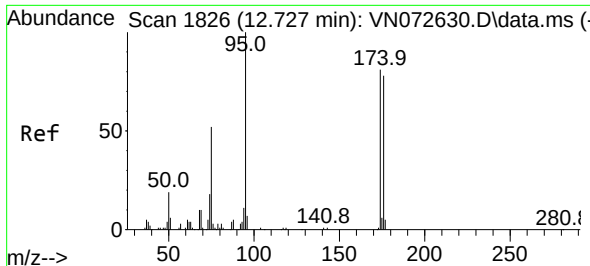
Tgt Ion:117 Resp: 138402
Ion Ratio Lower Upper
117 100
82 56.6 43.6 65.4
119 31.9 25.8 38.6



#59
2-Hexanone
Concen: 0.201 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

Tgt Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
58 27.0 42.2 63.2#
57 0.0 15.0 22.4#

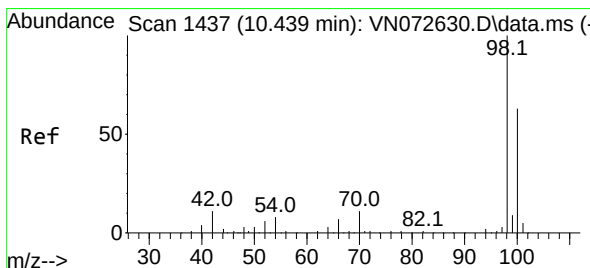
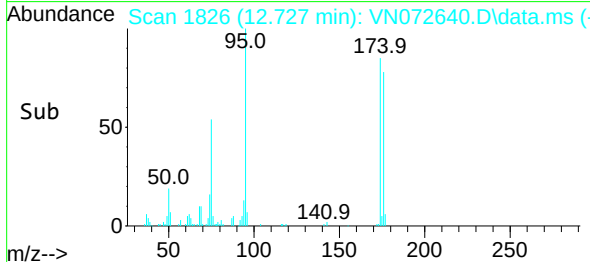
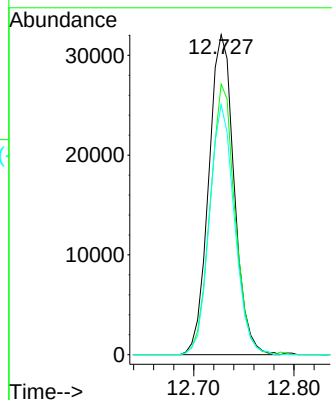
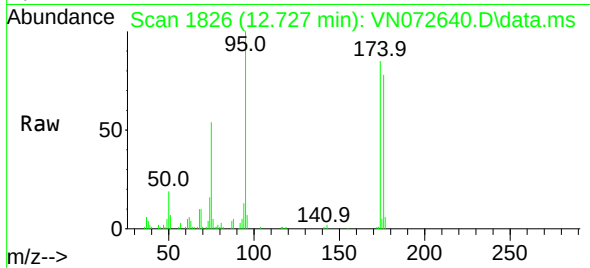




#60
4-Bromofluorobenzene
Concen: 23.295 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

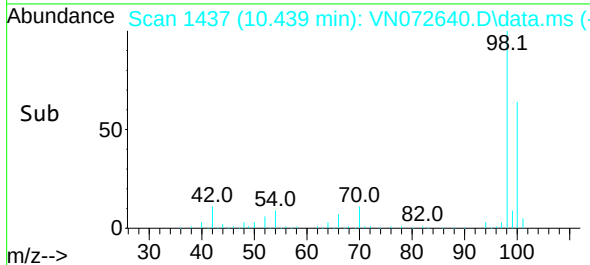
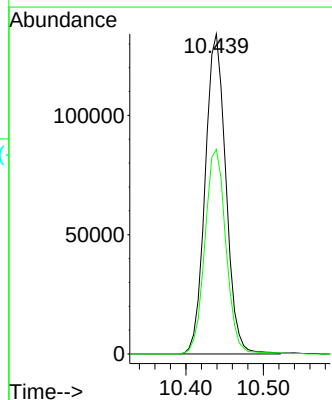
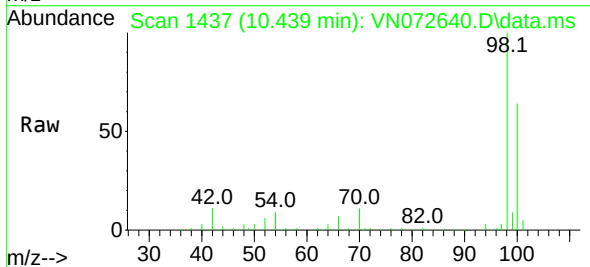
Instrument :
MSVOA_N
ClientSampleId :
TT-045-IDWGW-20220524

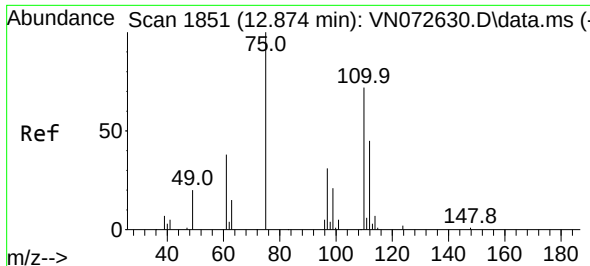
Tgt Ion: 95 Resp: 56621
Ion Ratio Lower Upper
95 100
174 82.4 62.9 94.3
176 76.6 61.0 91.4



#63
Toluene-d8
Concen: 31.564 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

Tgt Ion: 98 Resp: 248396
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

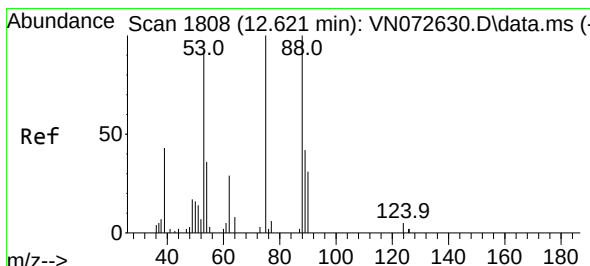
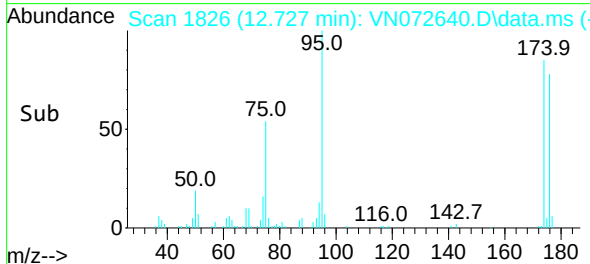
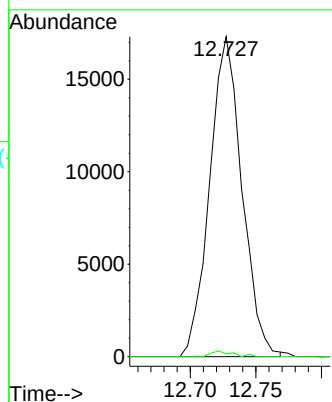
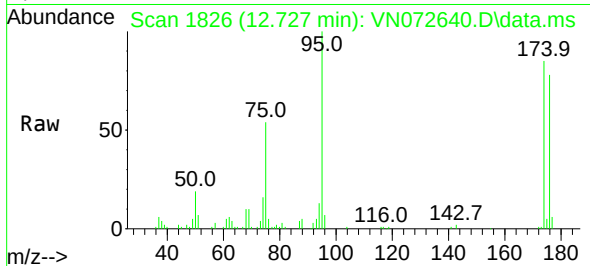




#72
1,2,3-Trichloropropane
Concen: 10.336 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

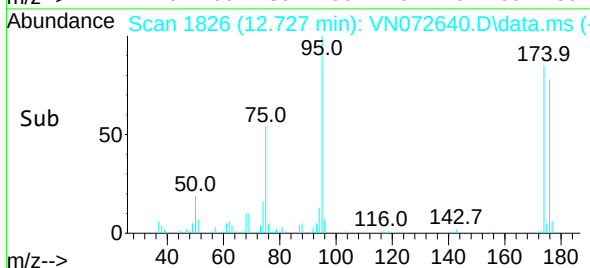
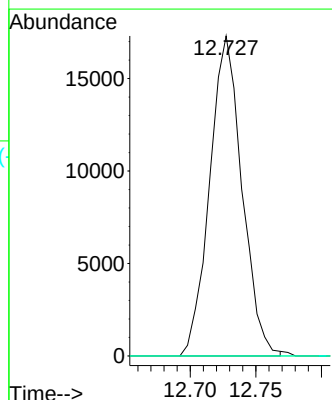
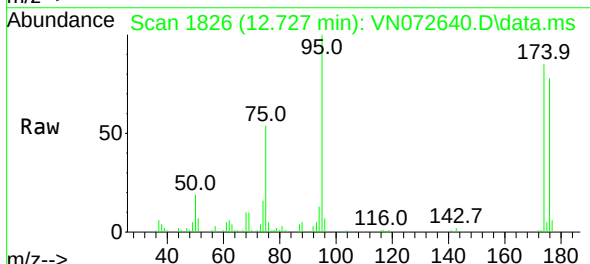
Instrument :
MSVOA_N
ClientSampleId :
TT-045-IDWGW-20220524

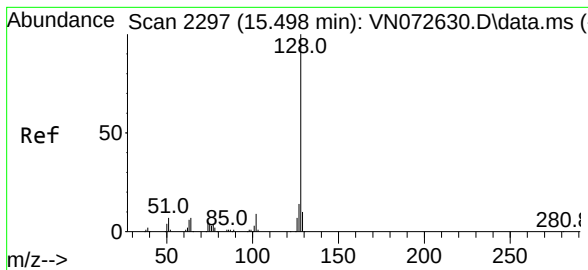
Tgt Ion: 75 Resp: 29652
Ion Ratio Lower Upper
75 100
77 1.0 0.0 378.0



#77
t-1,4-Dichloro-2-butene
Concen: 26.451 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072640.D
Acq: 26 May 2022 20:17

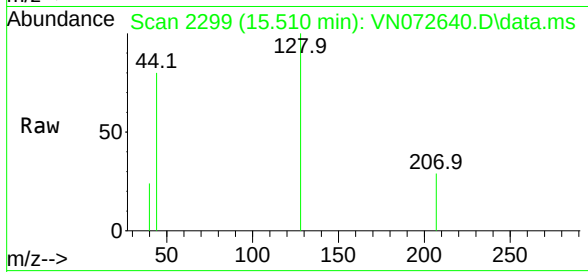
Tgt Ion: 75 Resp: 29652
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#





#91
 Naphthalene
 Concen: 0.351 ug/l
 RT: 15.510 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN072640.D
 Acq: 26 May 2022 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-045-IDWGW-20220524



Tgt Ion:	128	Resp:	2269
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	9.0	13.6#

