

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072642.D
 Acq On : 26 May 2022 21:06
 Operator : JC\MD
 Sample : N3029-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002DL

Quant Time: May 27 05:35:40 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)

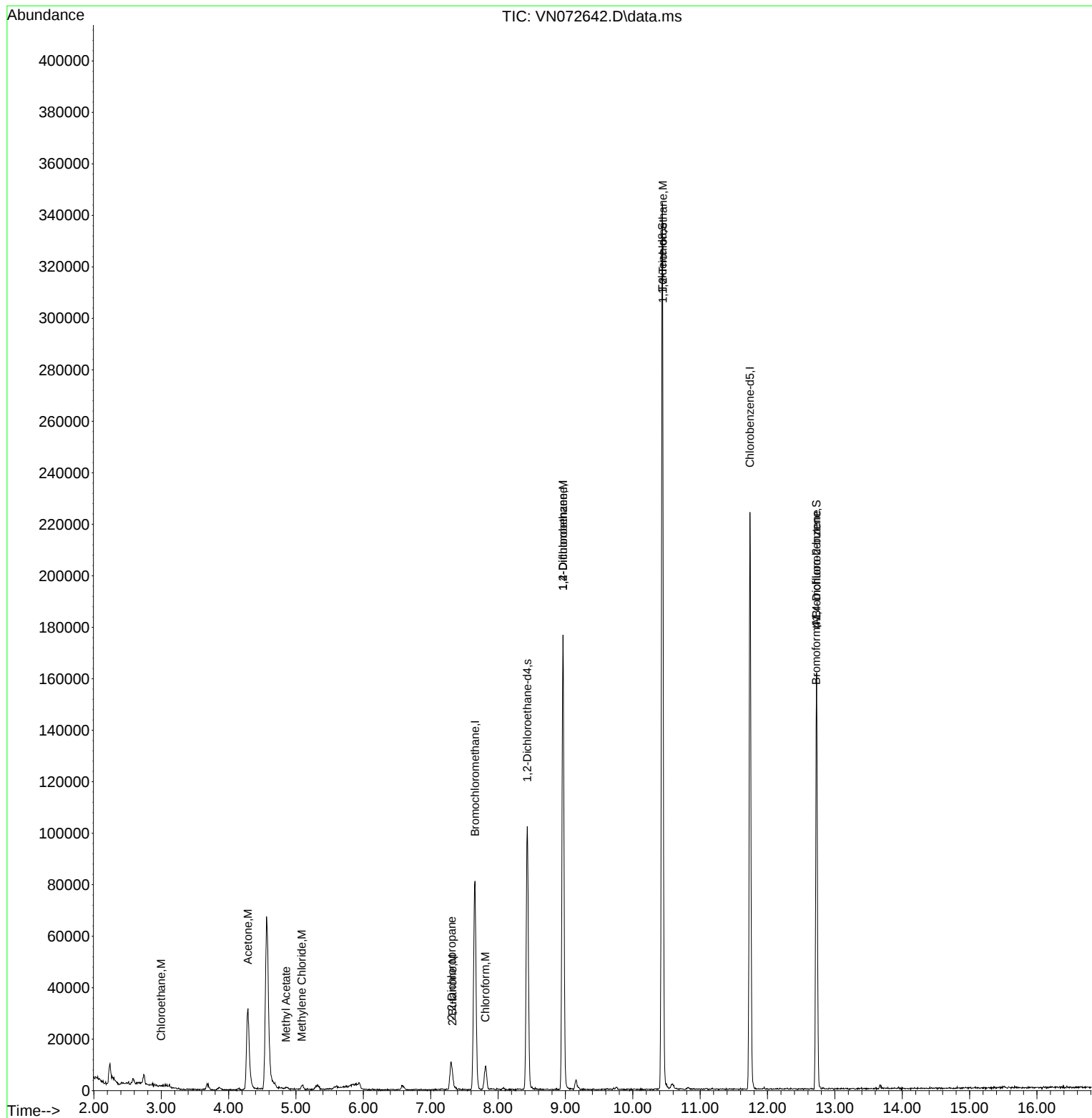
Internal Standards						
1) Bromochloromethane	7.657	128	29851	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	156828	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	132323	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	83600	29.268	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.567%		
60) 4-Bromofluorobenzene	12.727	95	58271	25.075	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	83.600%		
63) Toluene-d8	10.439	98	233119	30.984	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.267%		
Target Compounds						
					Qvalue	
6) Chloroethane	2.999	64	532	0.372	ug/l #	44
12) Methyl Acetate	4.851	43	988	0.280	ug/l #	49
15) Acetone	4.287	58	19304	49.346	ug/l	86
18) Methylene Chloride	5.087	84	537	0.227	ug/l #	30
25) Chloroform	7.810	83	8021	1.811	ug/l	90
30) 2-Butanone	7.322	43	426	0.213	ug/l #	53
31) 2,2-Dichloropropane	7.310	77	808	0.269	ug/l #	53
36) 1,2-Dichloroethane	8.963	62	5447	1.798	ug/l #	77
50) 1,1,2-Trichloroethane	10.445	97	7916	3.415	ug/l #	1
56) Bromoform	12.722	173	444	0.258	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.727	75	29826	27.828	ug/l #	8

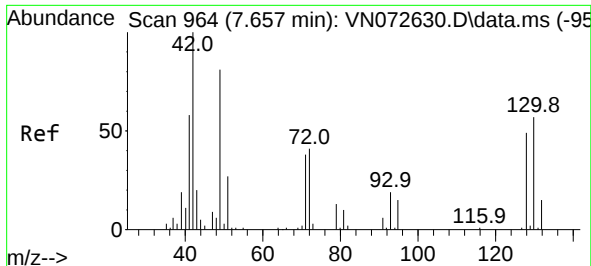
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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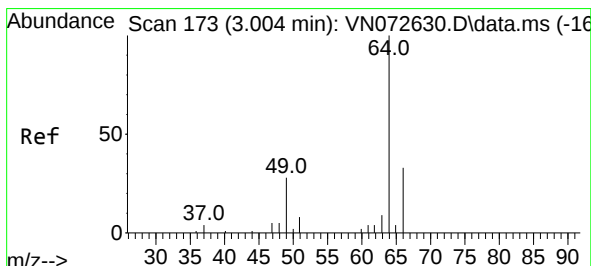
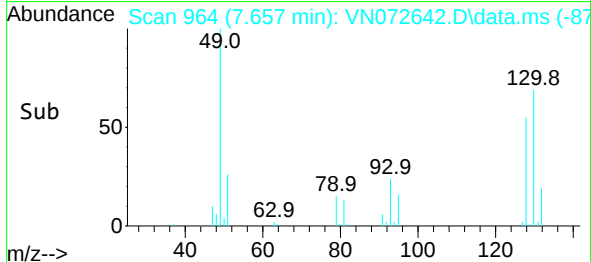
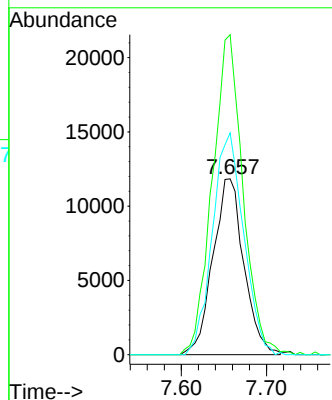
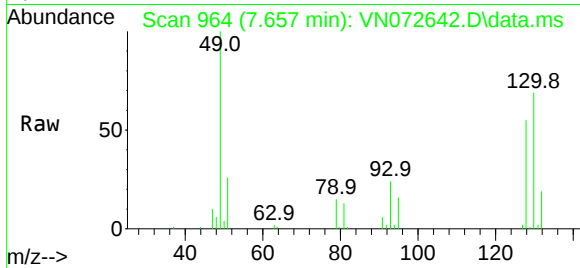




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

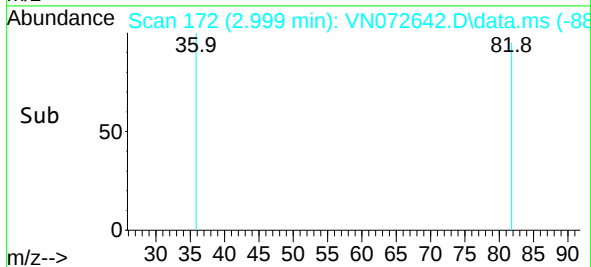
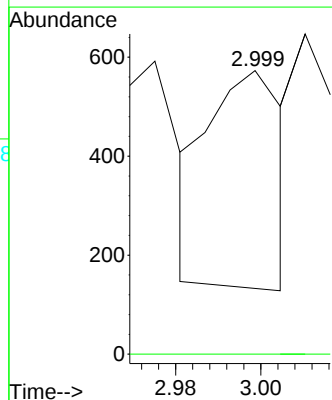
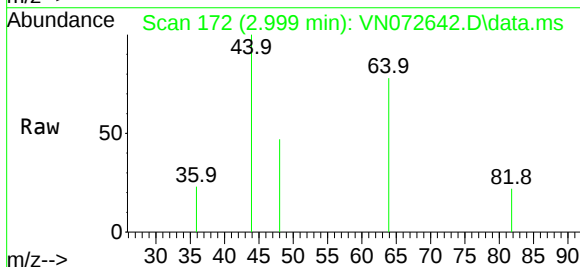
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

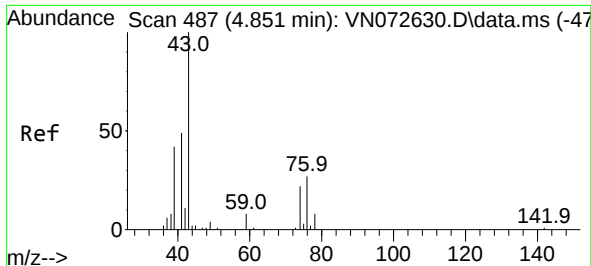
Tgt Ion:128 Resp: 29851
Ion Ratio Lower Upper
128 100
49 179.4 0.0 392.3
130 127.5 0.0 320.2



#6
Chloroethane
Concen: 0.372 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion: 64 Resp: 532
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

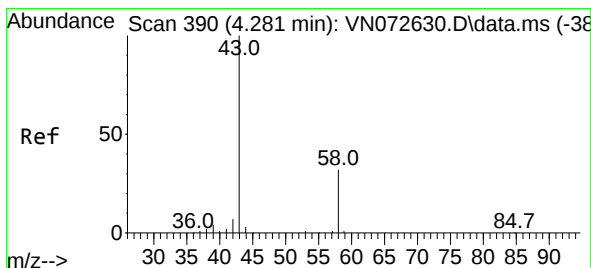
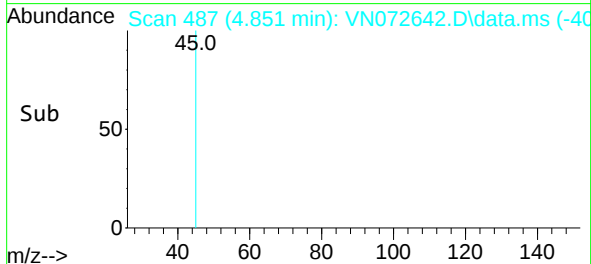
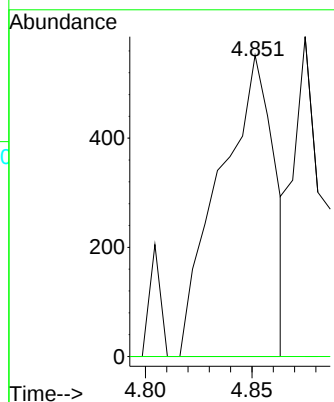
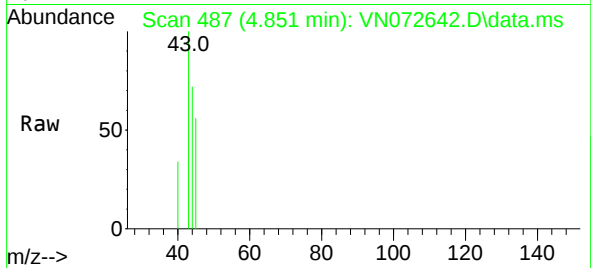




#12
Methyl Acetate
Concen: 0.280 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

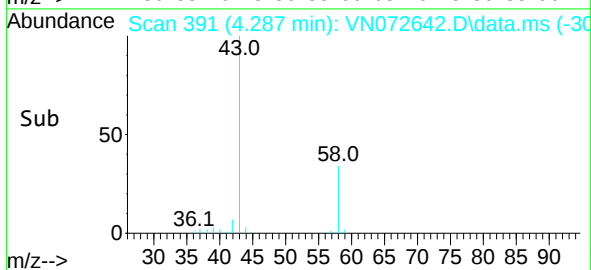
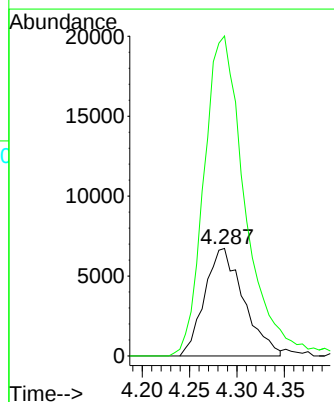
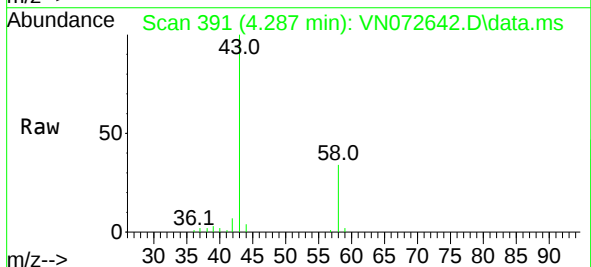
Instrument :
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ClientSampleId :
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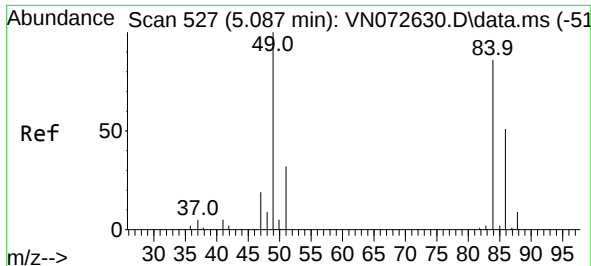
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#15
Acetone
Concen: 49.346 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

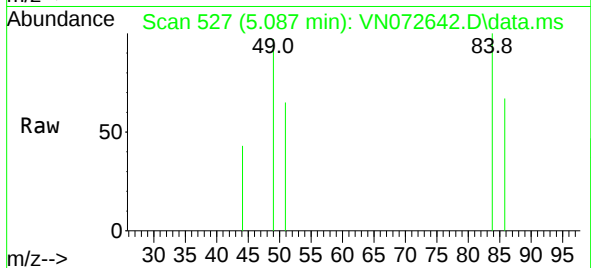
Tgt Ion: 58 Resp: 19304
Ion Ratio Lower Upper
58 100
43 291.5 256.6 384.8



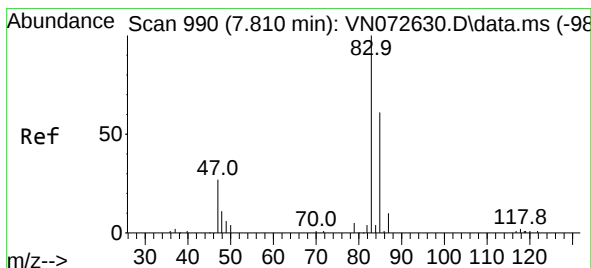
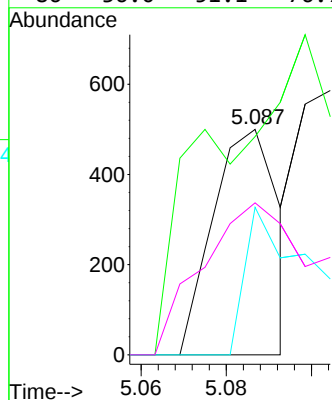


#18
Methylene Chloride
Concen: 0.227 ug/l
RT: 5.087 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

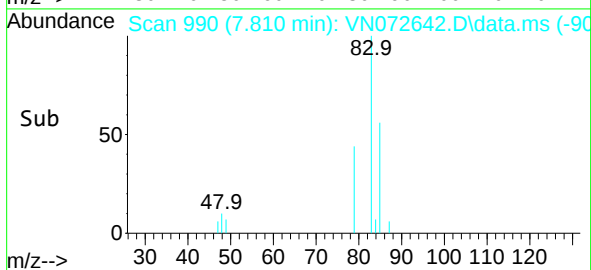
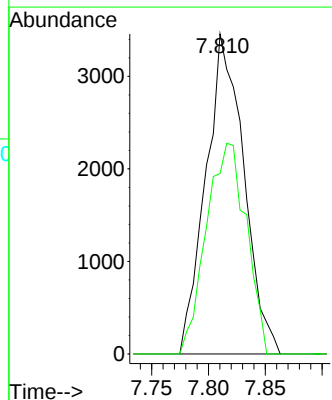
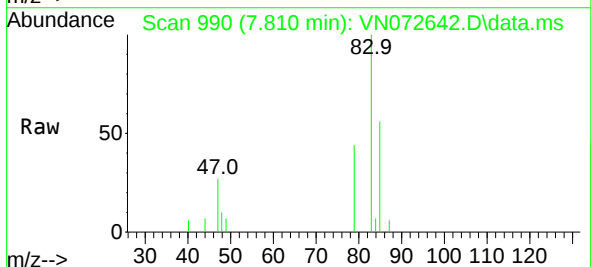


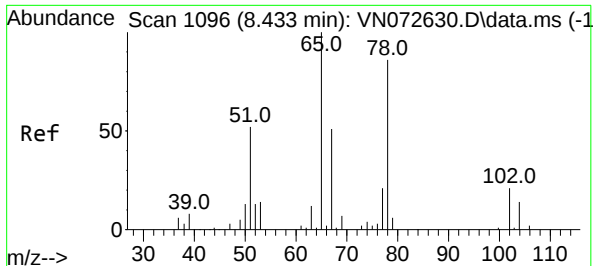
Tgt Ion:	84	Resp:	537
Ion	Ratio	Lower	Upper
84	100		
49	9.6	91.4	137.0#
51	65.4	29.4	44.0#
86	36.0	51.1	76.7#



#25
Chloroform
Concen: 1.811 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion:	83	Resp:	8021
Ion	Ratio	Lower	Upper
83	100		
85	56.4	51.3	76.9

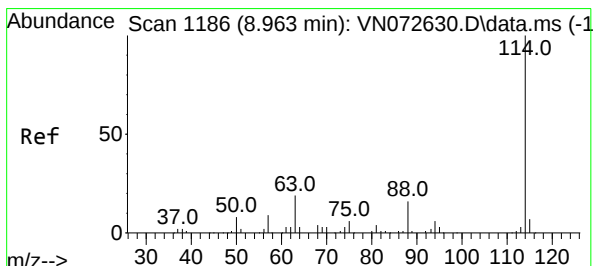
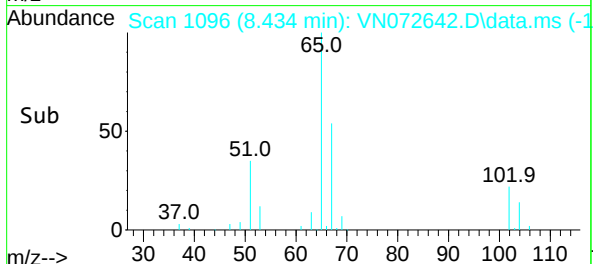
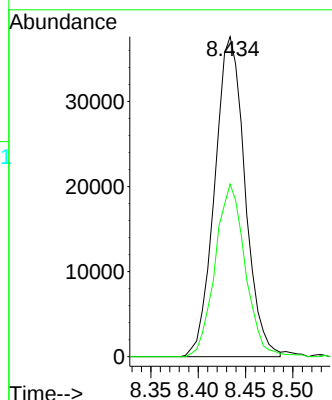
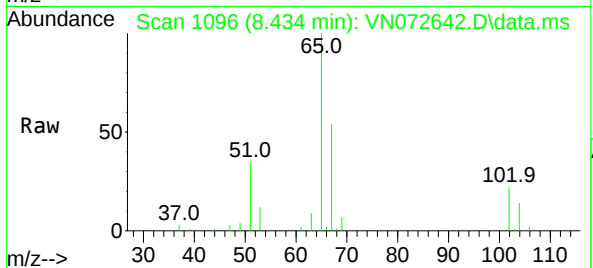




#27
1,2-Dichloroethane-d4
Concen: 29.268 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

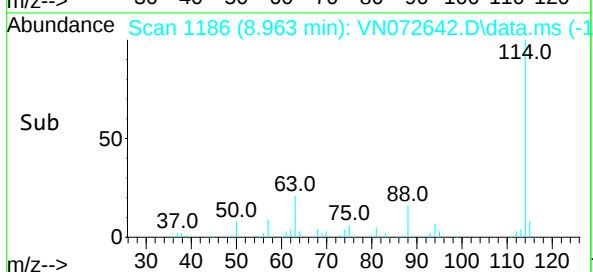
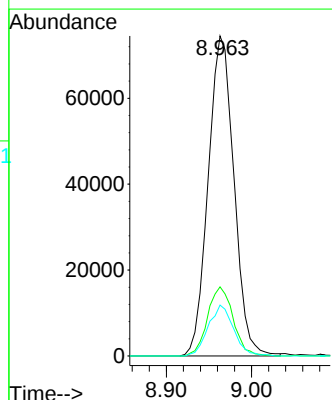
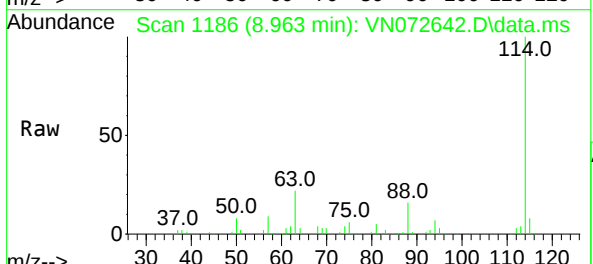
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

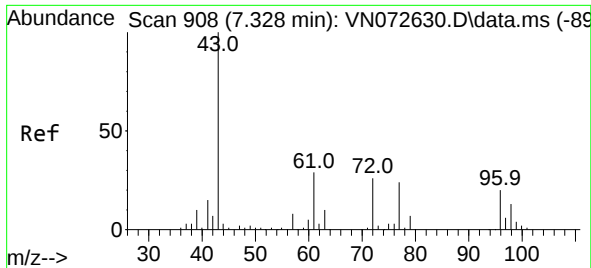
Tgt Ion: 65 Resp: 83600
Ion Ratio Lower Upper
65 100
67 53.6 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion: 114 Resp: 156828
Ion Ratio Lower Upper
114 100
63 21.4 15.8 23.6
88 15.5 11.6 17.4

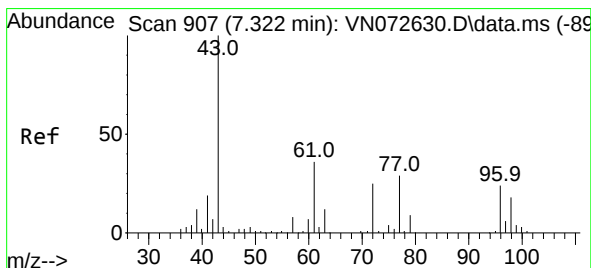
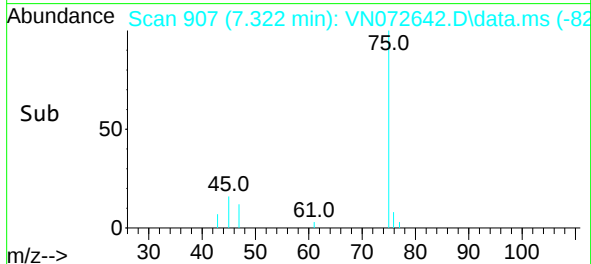
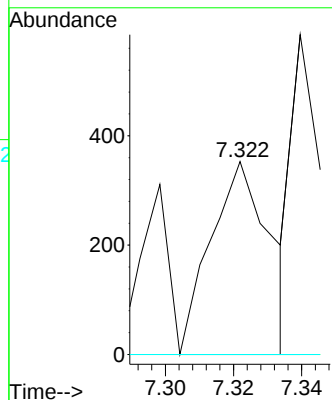
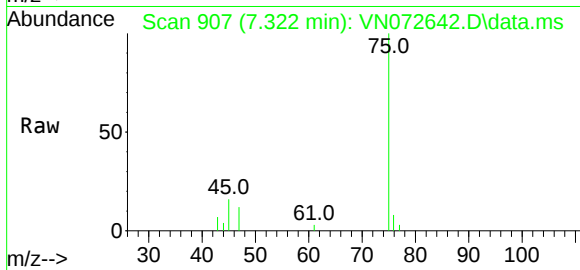




#30
2-Butanone
Concen: 0.213 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

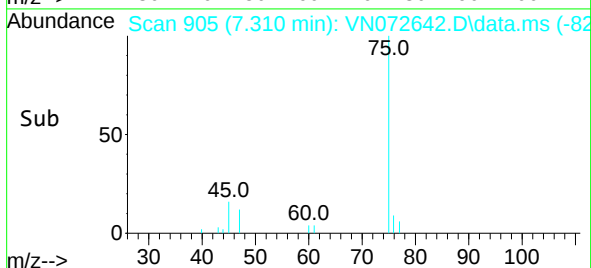
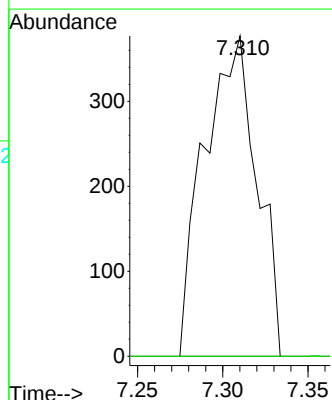
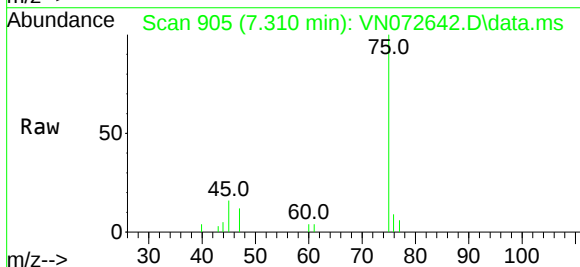
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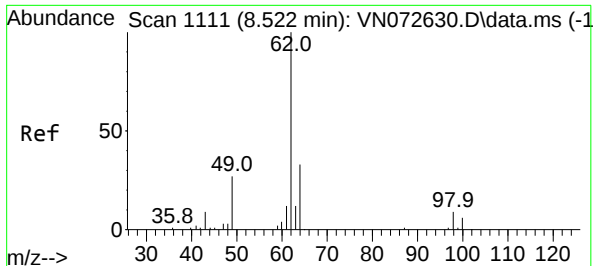
Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
57 0.0 6.7 10.1#
72 0.0 23.2 34.8#



#31
2,2-Dichloropropane
Concen: 0.269 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.012 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion: 77 Resp: 808
Ion Ratio Lower Upper
77 100
97 0.0 18.3 27.5#





#36

1,2-Dichloroethane

Concen: 1.798 ug/l

RT: 8.963 min Scan# 1111

Delta R.T. 0.441 min

Lab File: VN072642.D

Acq: 26 May 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

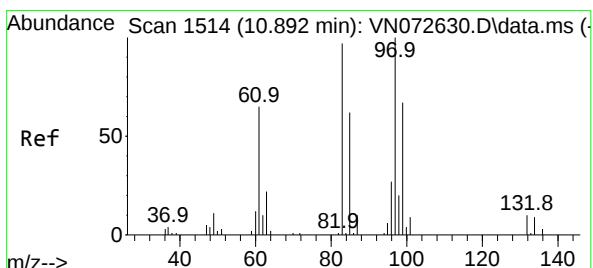
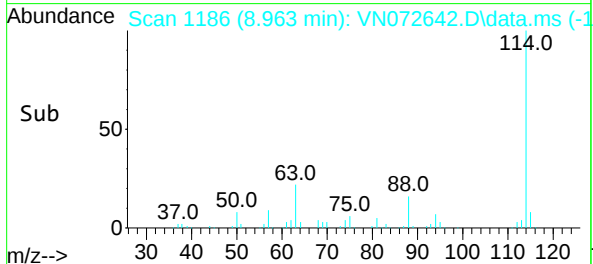
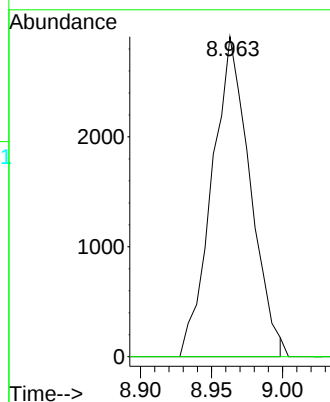
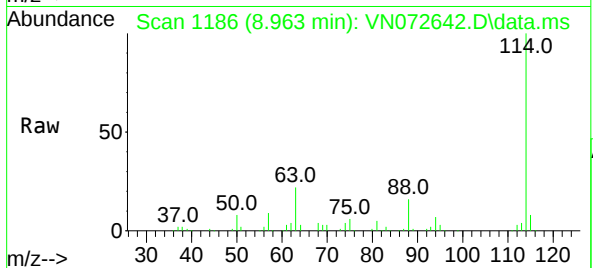
DSN-002-SEWER-OUTLET-002DL

Tgt Ion: 62 Resp: 5447

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



#50

1,1,2-Trichloroethane

Concen: 3.415 ug/l

RT: 10.445 min Scan# 1438

Delta R.T. -0.447 min

Lab File: VN072642.D

Acq: 26 May 2022 21:06

Tgt Ion: 97 Resp: 7916

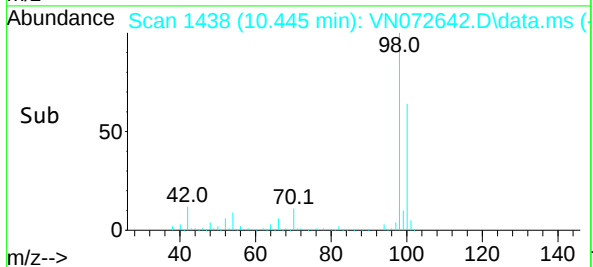
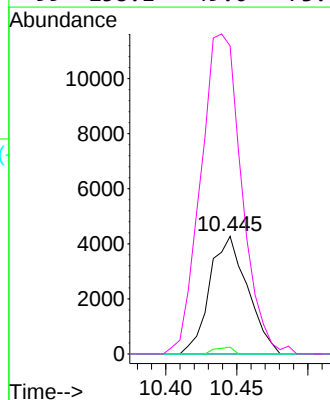
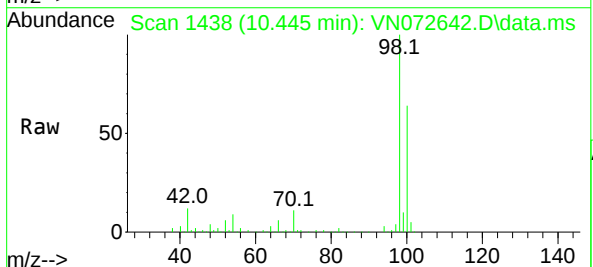
Ion Ratio Lower Upper

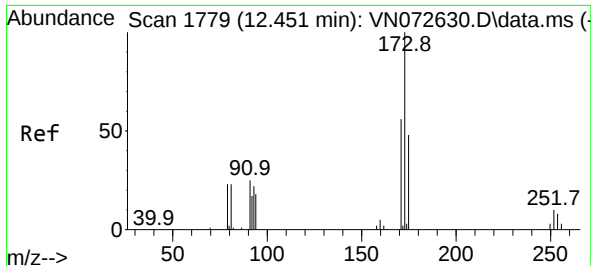
97 100

83 5.9 67.2 100.8#

85 0.0 43.0 64.4#

99 258.1 49.0 73.4#

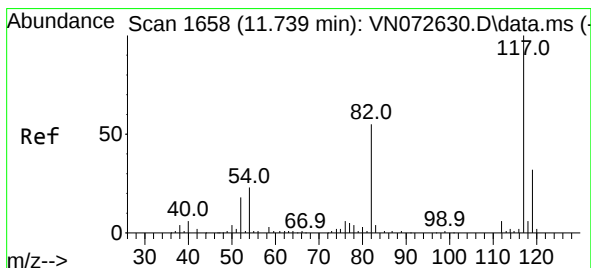
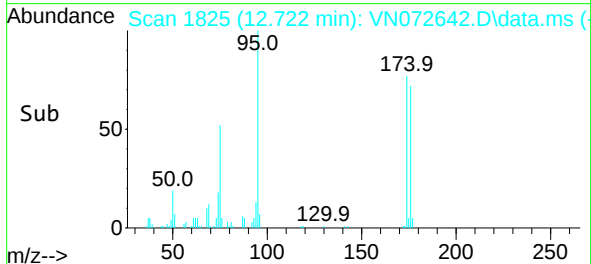
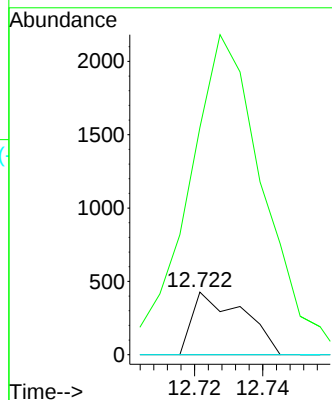
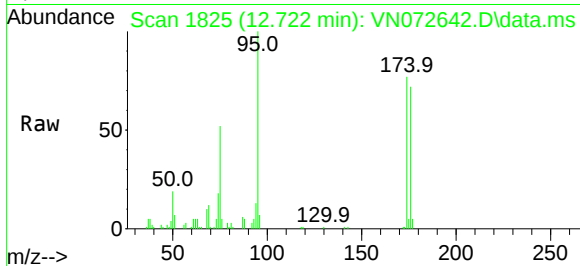




#56
Bromoform
Concen: 0.258 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

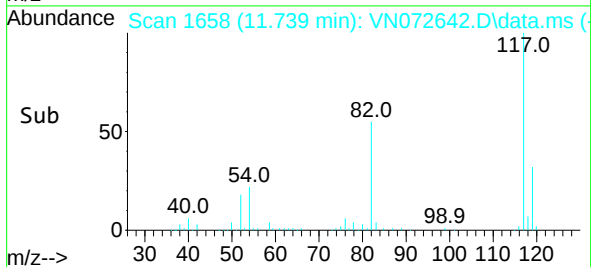
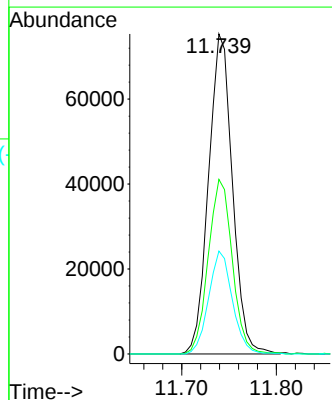
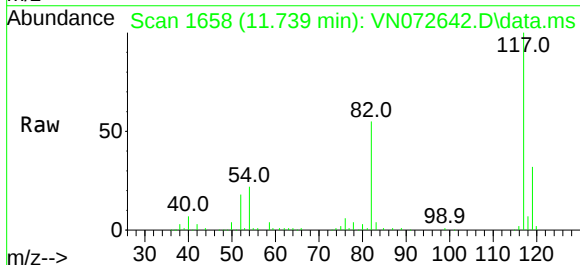
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

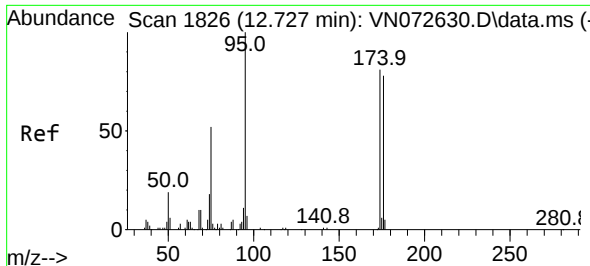
Tgt Ion:173 Resp: 444
Ion Ratio Lower Upper
173 100
175 752.5 38.6 58.0#
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion:117 Resp: 132323
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 31.8 25.8 38.6

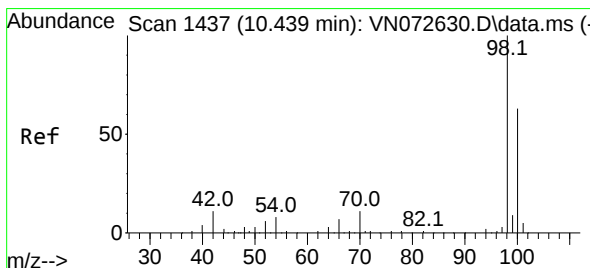
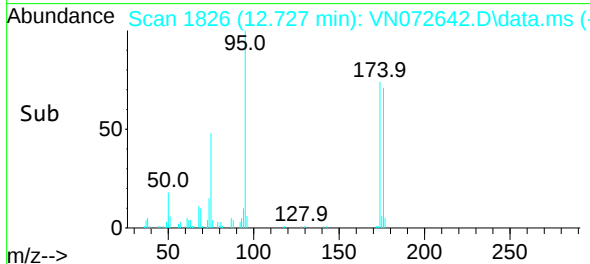
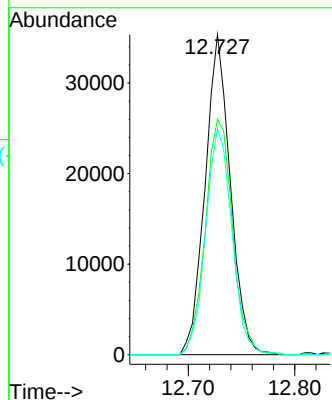
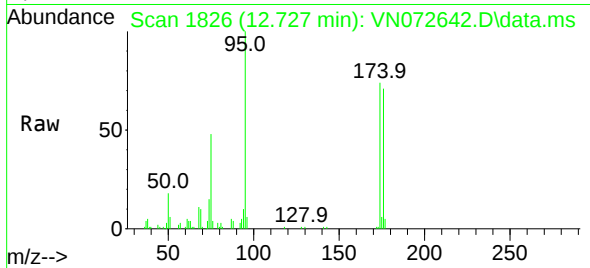




#60
4-Bromofluorobenzene
Concen: 25.075 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

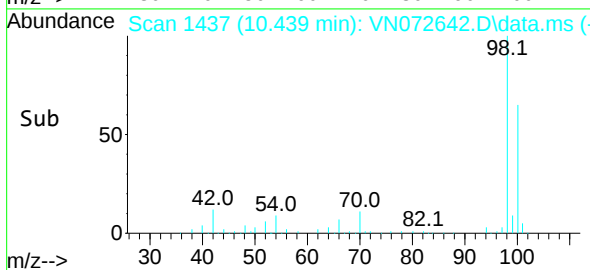
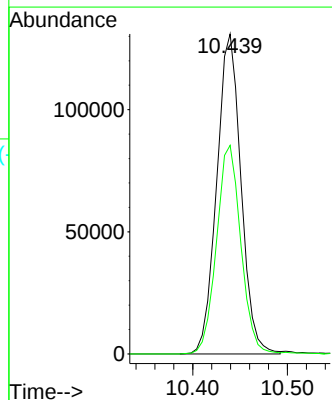
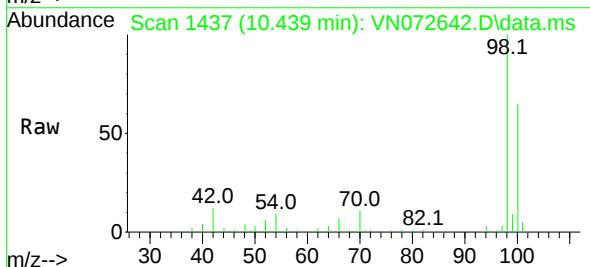
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002DL

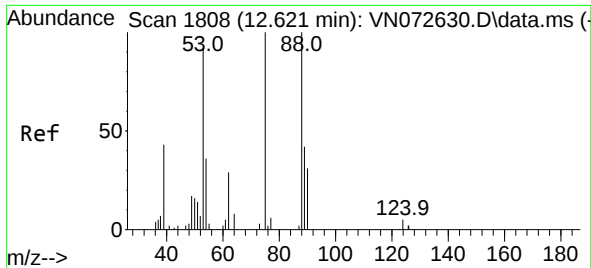
Tgt Ion: 95 Resp: 58271
Ion Ratio Lower Upper
95 100
174 79.2 62.9 94.3
176 73.6 61.0 91.4



#63
Toluene-d8
Concen: 30.984 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072642.D
Acq: 26 May 2022 21:06

Tgt Ion: 98 Resp: 233119
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0





#77
 t-1,4-Dichloro-2-butene
 Concen: 27.828 ug/l
 RT: 12.727 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN072642.D
 Acq: 26 May 2022 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002DL

Tgt Ion: 75 Resp: 29826
 Ion Ratio Lower Upper
 75 100
 53 0.0 51.8 155.5#
 89 0.0 22.9 68.7#

