

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079588.D
 Acq On : 17 Oct 2023 17:57
 Operator : JC\MD
 Sample : 04913-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Oct 18 02:33:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/18/2023
 Supervised By :Mahesh Dadoda 10/20/2023

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

Internal Standards						
1) Bromochloromethane	7.812	128	18413m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	126567	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	144124	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	82180	31.391	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.633%
60) 4-Bromofluorobenzene	12.853	95	52572	19.947	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	66.500%
63) Toluene-d8	10.571	98	178550	28.911	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.367%

Target Compounds	Qvalue

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

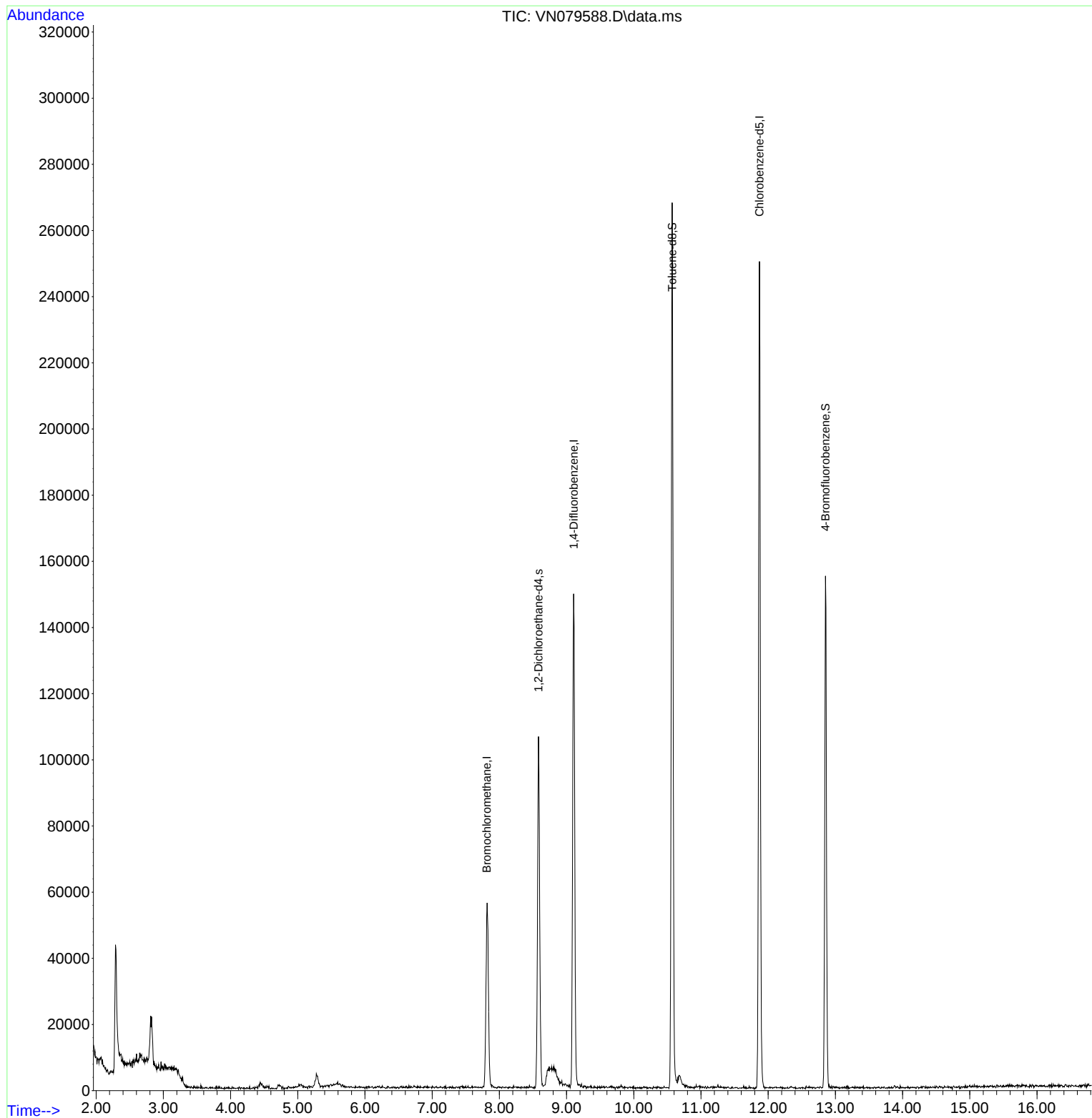
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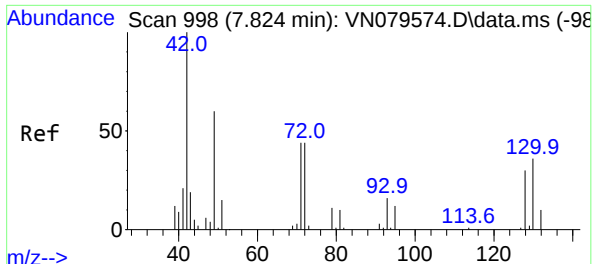
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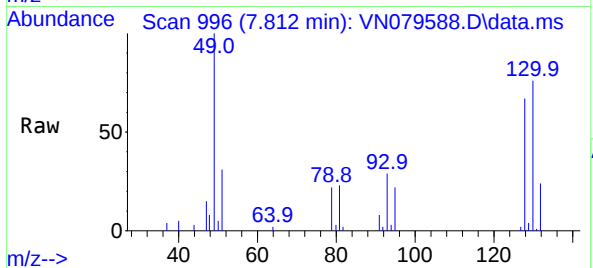
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN079588.D
Acq: 17 Oct 2023 17:57

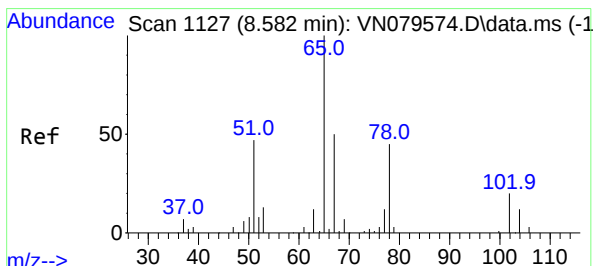
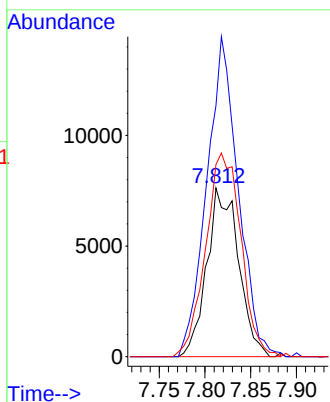
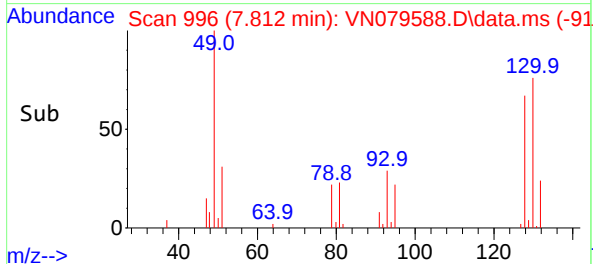
Instrument :
MSVOA_N
ClientSampleId :
TB



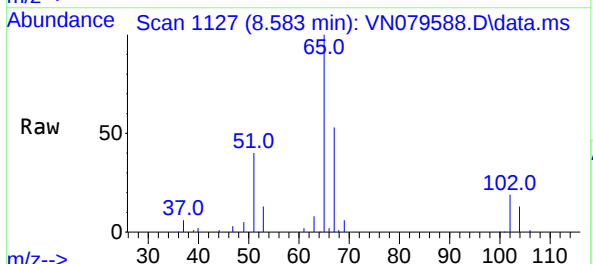
Tgt Ion:128 Resp: 1841
Ion Ratio Lower Upper
128 100
49 188.3 0.0 468.5
130 133.8 0.0 320.7

Manual Integrations
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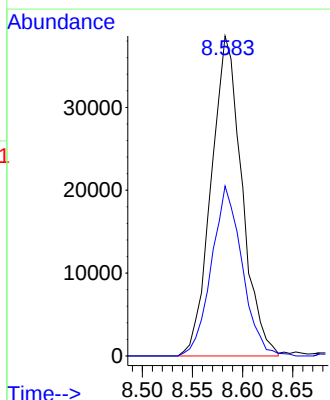
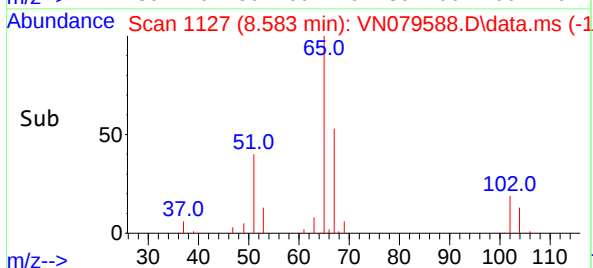
Reviewed By :John Carlone 10/18/2023
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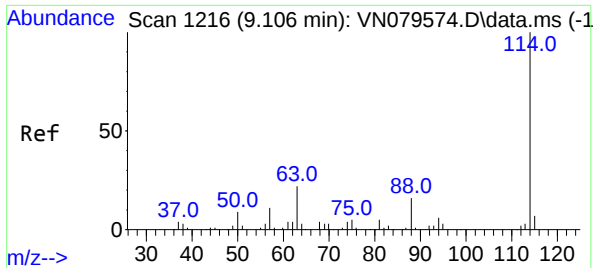


#27
1,2-Dichloroethane-d4
Concen: 31.391 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079588.D
Acq: 17 Oct 2023 17:57



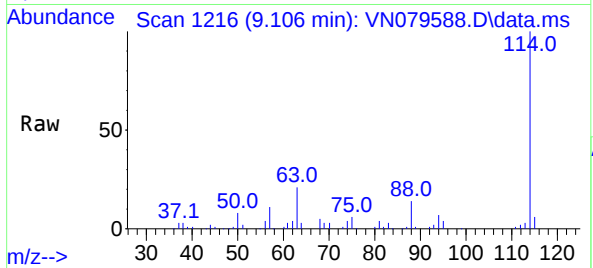
Tgt Ion: 65 Resp: 82180
Ion Ratio Lower Upper
65 100
67 53.0 42.1 63.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079588.D
Acq: 17 Oct 2023 17:57

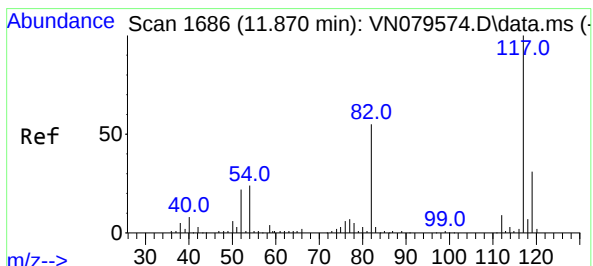
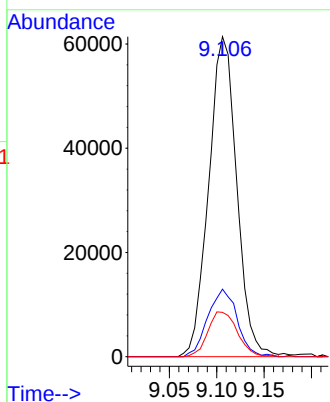
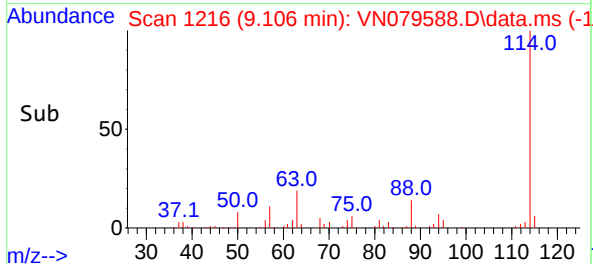
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ClientSampleId :
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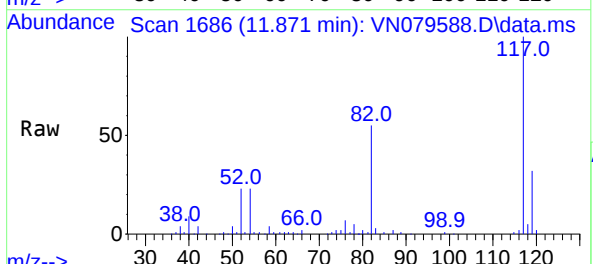
Tgt Ion:114 Resp: 12656
Ion Ratio Lower Upper
114 100
63 22.0 18.1 27.1
88 14.7 12.2 18.2

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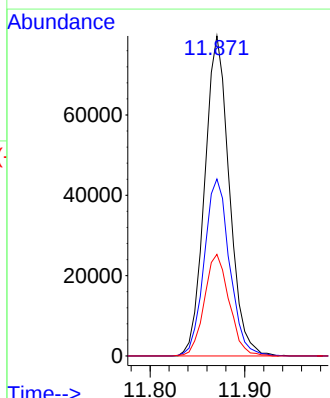
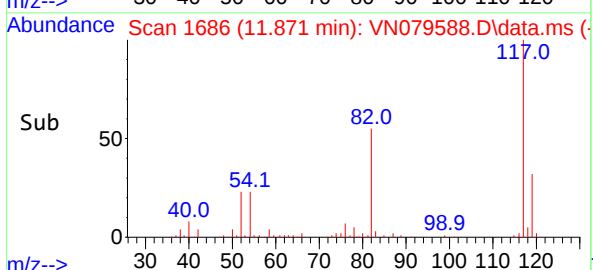
Reviewed By :John Carlone 10/18/2023
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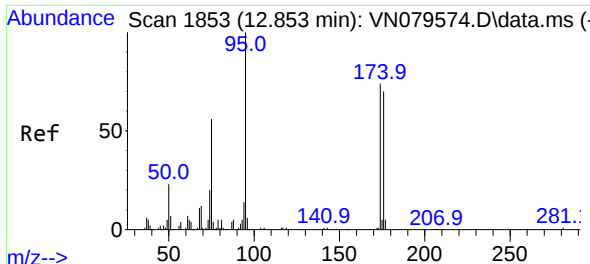


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079588.D
Acq: 17 Oct 2023 17:57



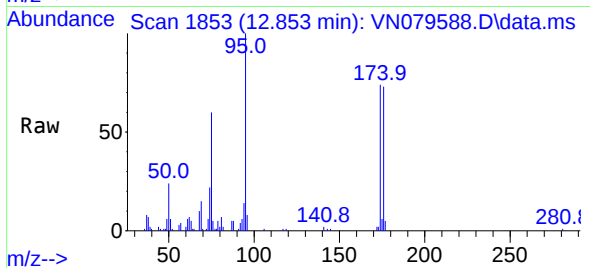
Tgt Ion:117 Resp: 144124
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.2
119 32.0 25.2 37.8





#60
4-Bromofluorobenzene
Concen: 19.947 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079588.D
Acq: 17 Oct 2023 17:57

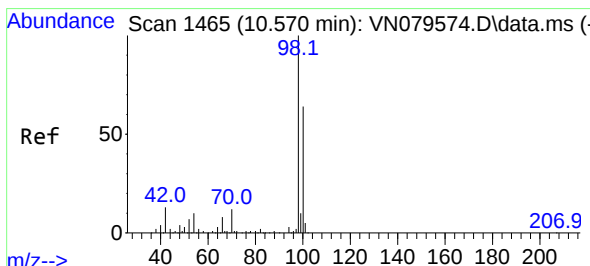
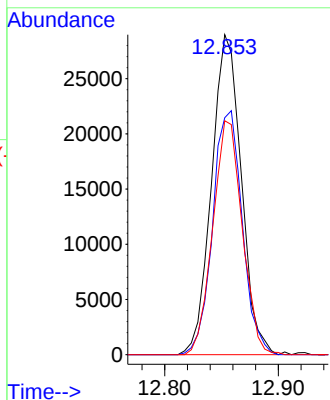
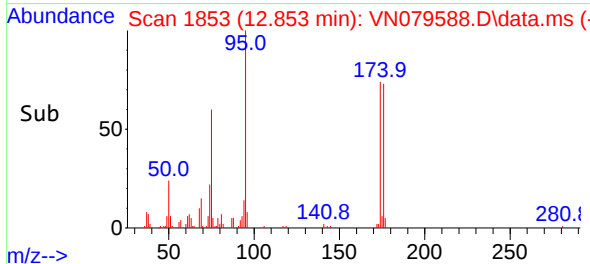
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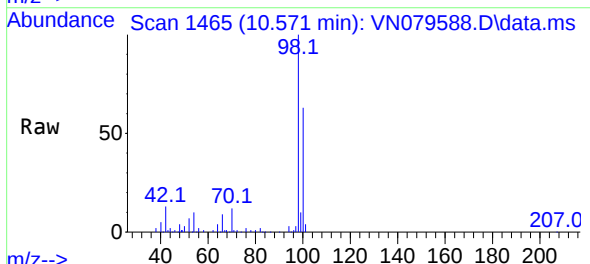
Tgt Ion: 95 Resp: 52572
Ion Ratio Lower Upper
95 100
174 75.9 60.5 90.7
176 72.7 57.2 85.8

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#63
Toluene-d8
Concen: 28.911 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079588.D
Acq: 17 Oct 2023 17:57



Tgt Ion: 98 Resp: 178550
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

