

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069625.D
 Acq On : 23 Nov 2021 14:17
 Operator : JC/MD
 Sample : M4797-01 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: Nov 24 02:26:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/24/2021
 Supervised By :Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	206776	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1165907	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	991071	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	561561	31.314	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.367%			
60) 4-Bromofluorobenzene	12.734	95	399012	25.159	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.867%			
63) Toluene-d8	10.440	98	1408617	30.782	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.600%			
Target Compounds						
15) Acetone	4.291	58	410246	151.643	ug/l	74
25) Chloroform	7.820	83	31556	1.278	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	5379m	0.233	ug/l	
84) 1,4-Dichlorobenzene	13.699	146	6836	0.305	ug/l	89
85) n-Butylbenzene	13.943	91	11241	0.285	ug/l	98
87) 1,2-Dichlorobenzene	13.994	146	5959	0.267	ug/l	94
89) 1,2,4-Trichlorobenzene	15.268	180	6575	0.615	ug/l	93
92) 1,2,3-Trichlorobenzene	15.700	180	9227	0.878	ug/l	92

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

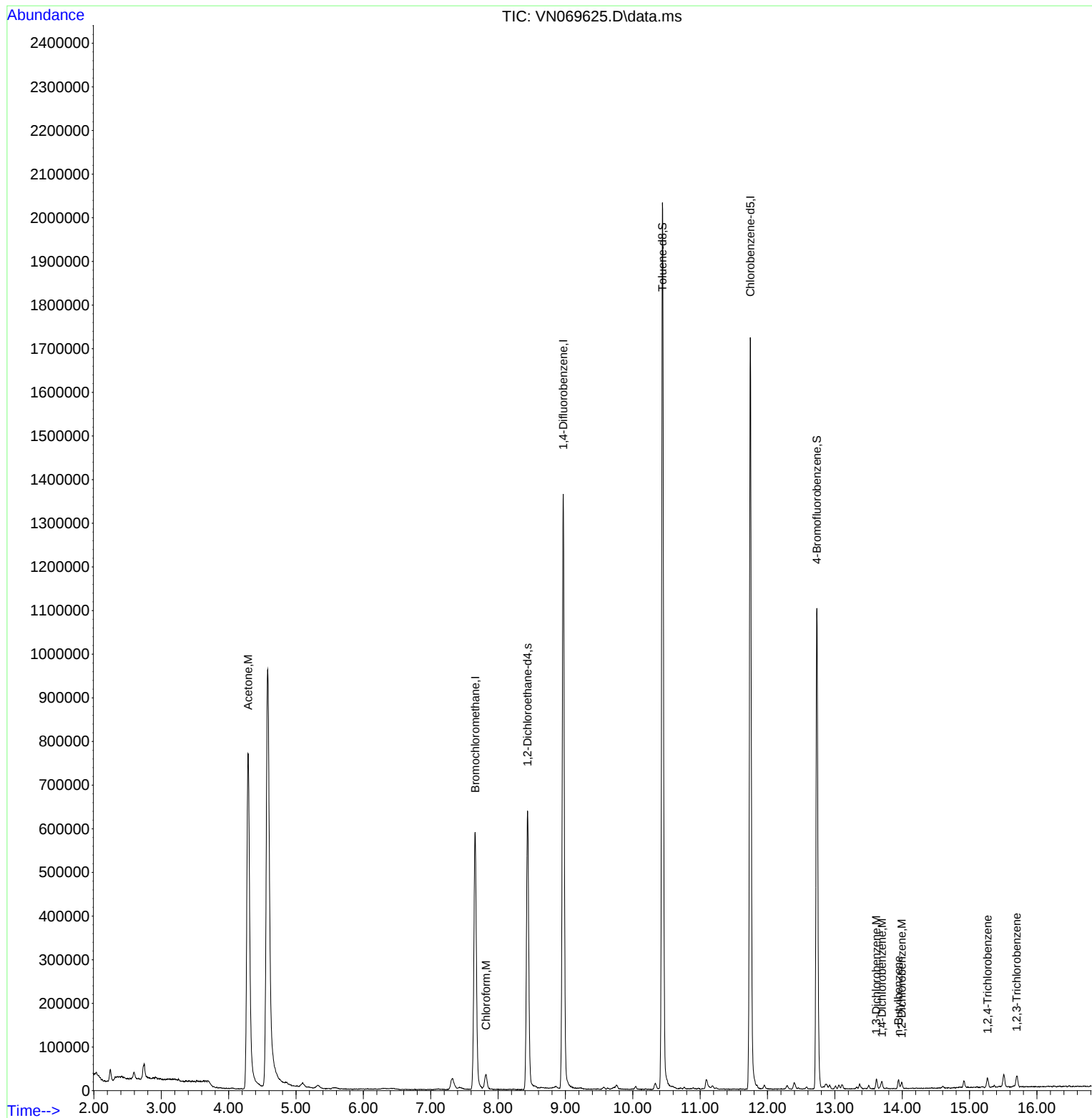
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
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Misc : 5.00mL/MSVOA_N/WATER
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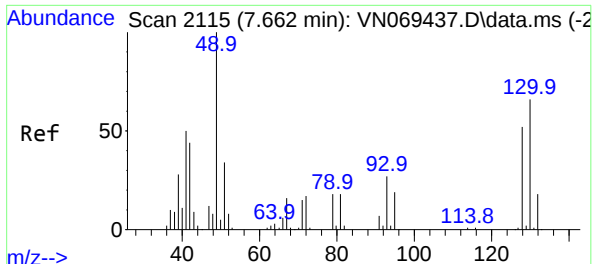
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001

Quant Time: Nov 24 02:26:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration

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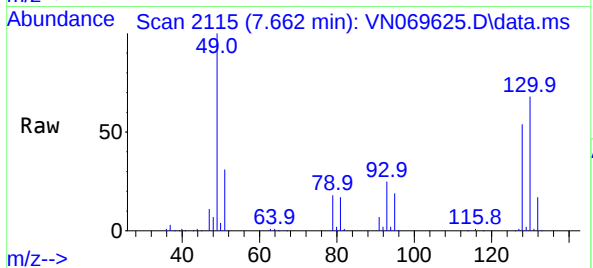
Reviewed By : John Carlone 11/24/2021
Supervised By : Mahesh Dadoda 11/26/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

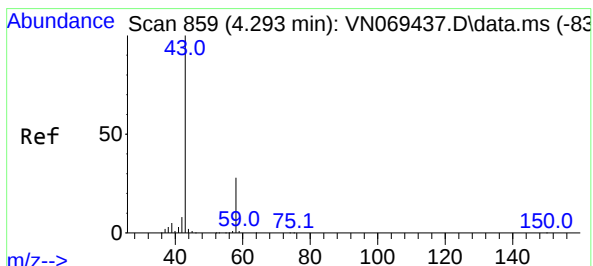
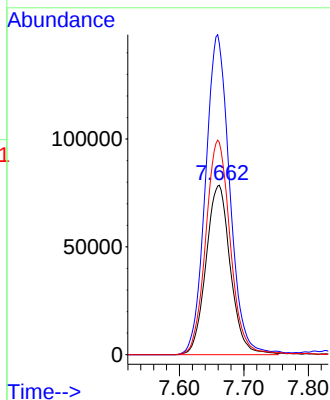
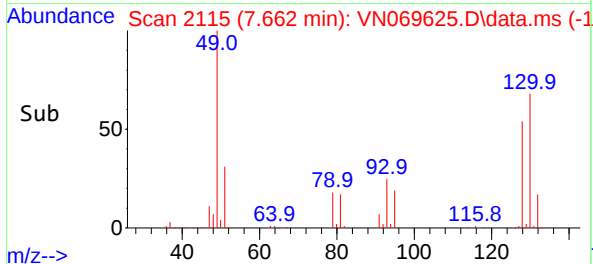
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001



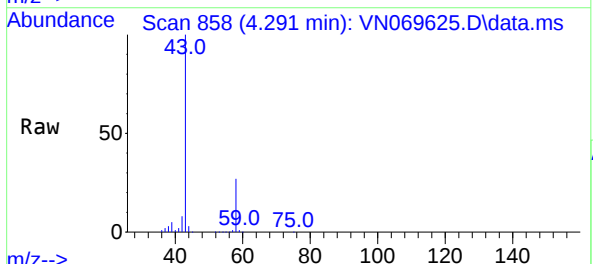
Tgt Ion:128 Resp: 206770
Ion Ratio Lower Upper
128 100
49 186.9 0.0 392.3
130 127.2 0.0 320.2

Manual Integrations
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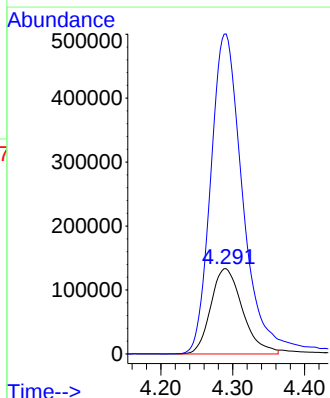
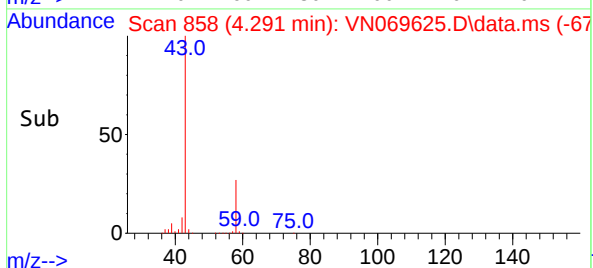
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

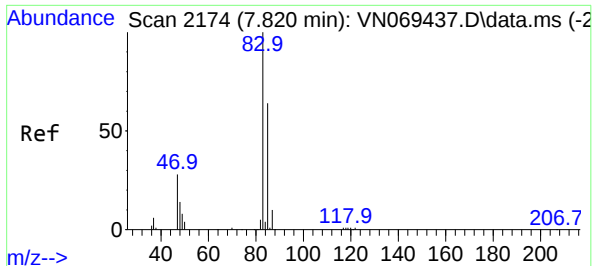


#15
Acetone
Concen: 151.643 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17



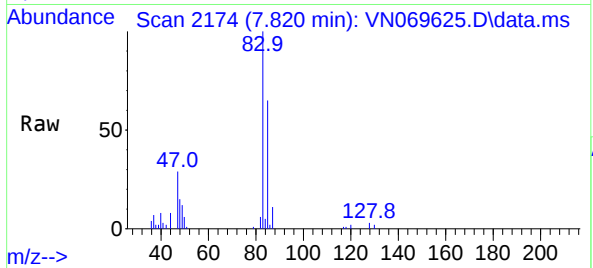
Tgt Ion: 58 Resp: 410246
Ion Ratio Lower Upper
58 100
43 374.7 256.6 384.8





#25
Chloroform
Concen: 1.278 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

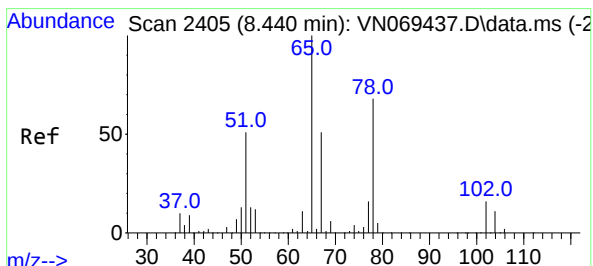
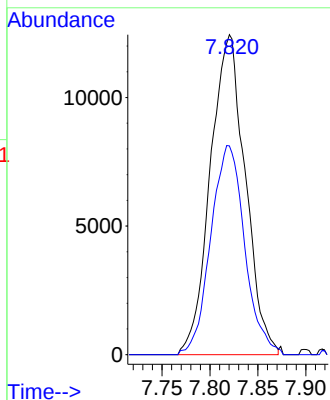
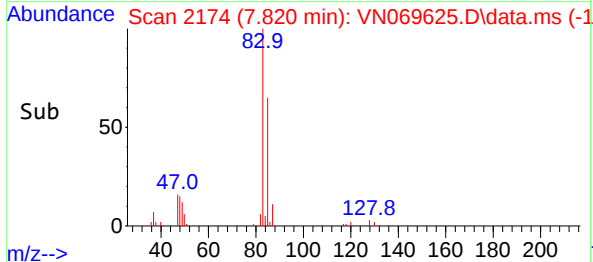
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001



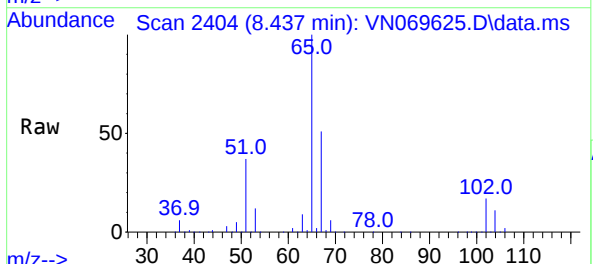
Tgt Ion: 83 Resp: 31550
Ion Ratio Lower Upper
83 100
85 65.3 51.3 76.9

Manual Integrations
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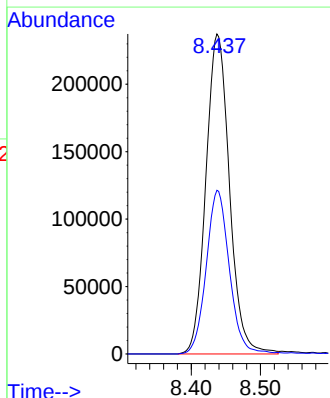
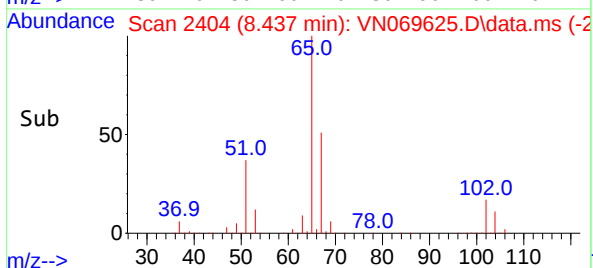
Reviewed By :John Carlone 11/24/2021
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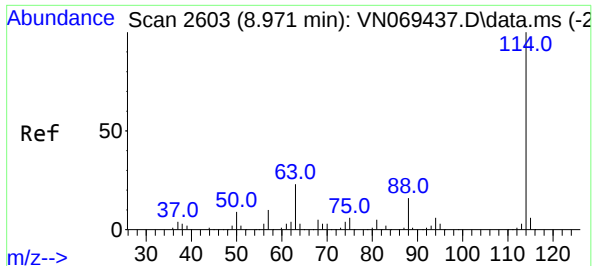


#27
1,2-Dichloroethane-d4
Concen: 31.314 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.002 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17



Tgt Ion: 65 Resp: 561561
Ion Ratio Lower Upper
65 100
67 50.1 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.002 min

Lab File: VN069625.D

Acq: 23 Nov 2021 14:17

Instrument :

MSVOA_N

ClientSampleId :

DSN-001-SEWER-OUTLET-001

Tgt Ion:114 Resp: 116590

Ion Ratio Lower Upper

114 100

63 22.6 15.8 23.6

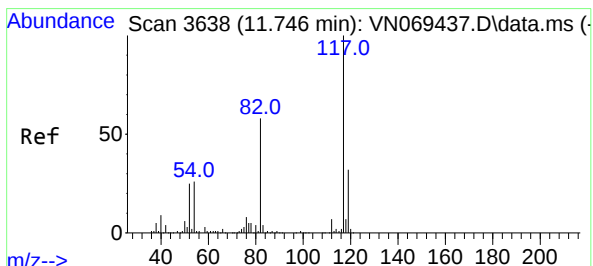
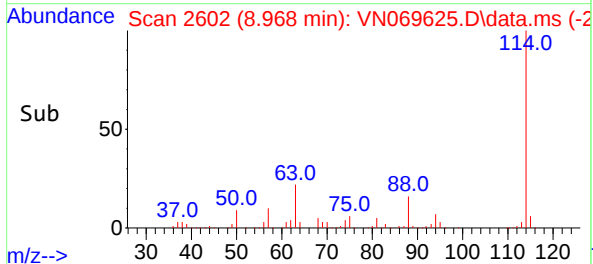
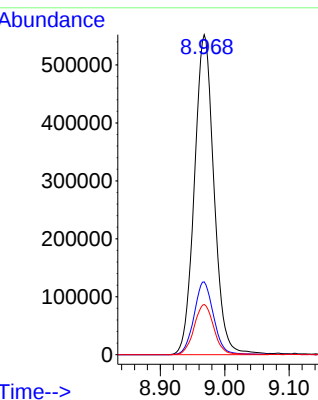
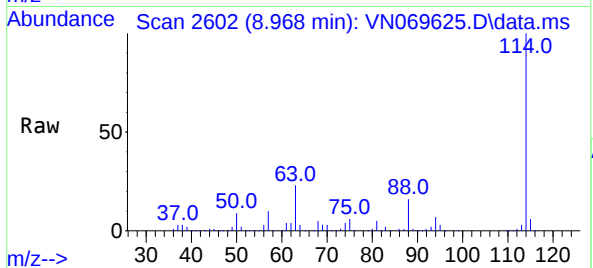
88 15.8 11.6 17.4

Manual Integrations

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN069625.D

Acq: 23 Nov 2021 14:17

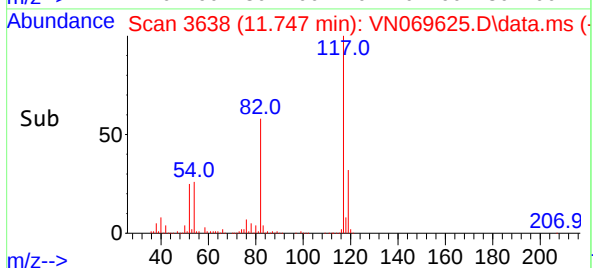
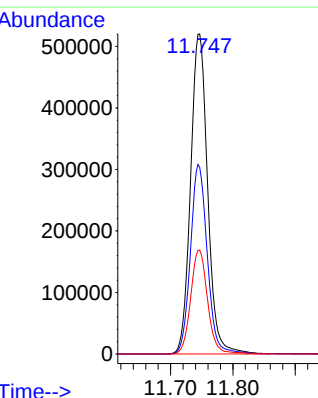
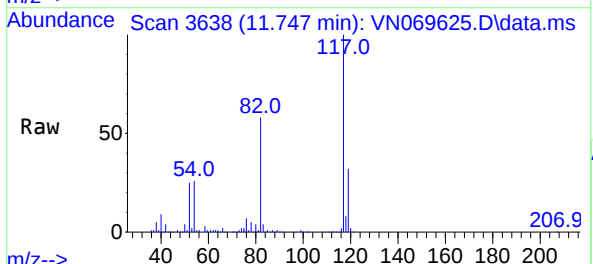
Tgt Ion:117 Resp: 991071

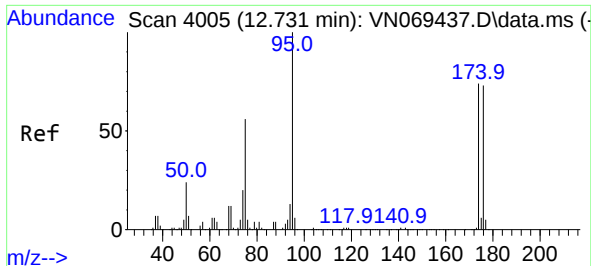
Ion Ratio Lower Upper

117 100

82 58.5 43.6 65.4

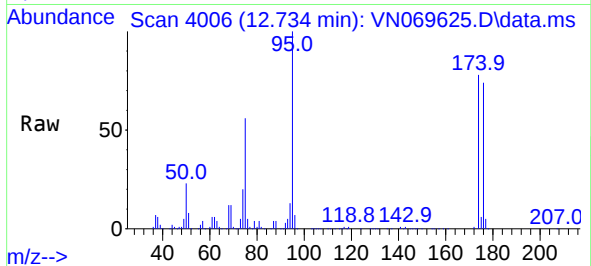
119 32.0 25.8 38.6





#60
4-Bromofluorobenzene
Concen: 25.159 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

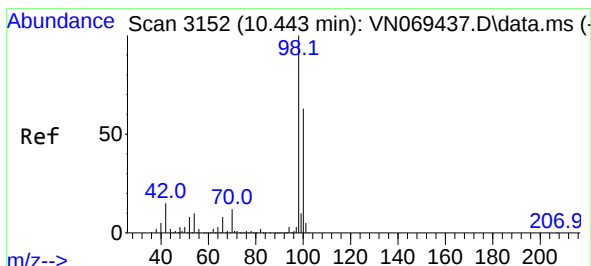
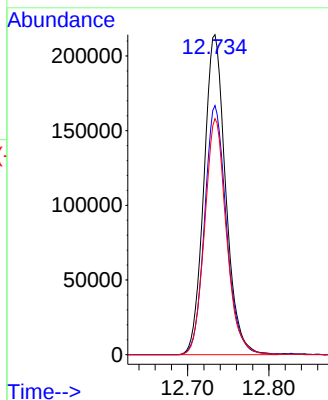
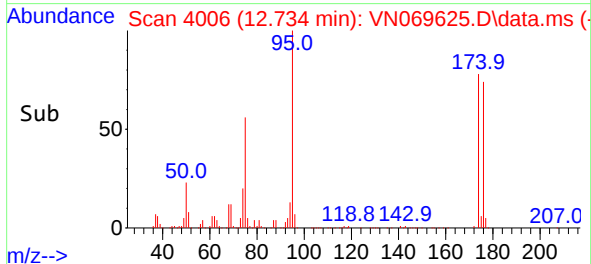
Instrument :
MSVOA_N
ClientSampleId :
DSN-001-SEWER-OUTLET-001



Tgt Ion: 95 Resp: 399012
Ion Ratio Lower Upper
95 100
174 78.0 62.9 94.3
176 73.8 61.0 91.4

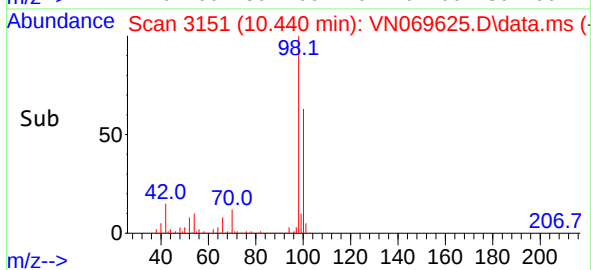
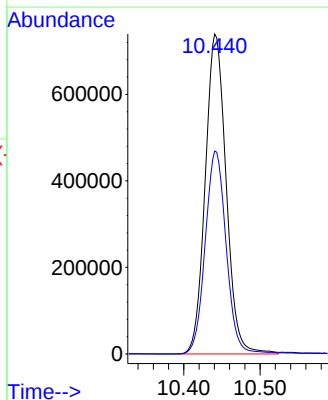
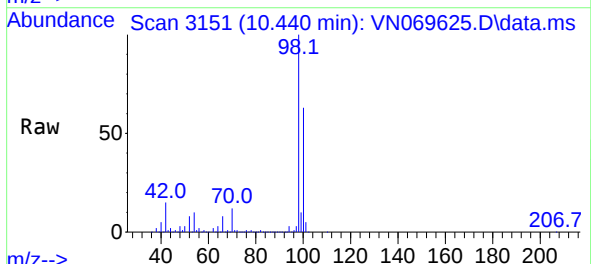
Manual Integrations
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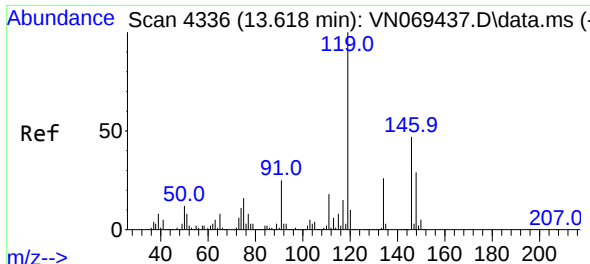
Reviewed By :John Carlone 11/24/2021
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#63
Toluene-d8
Concen: 30.782 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

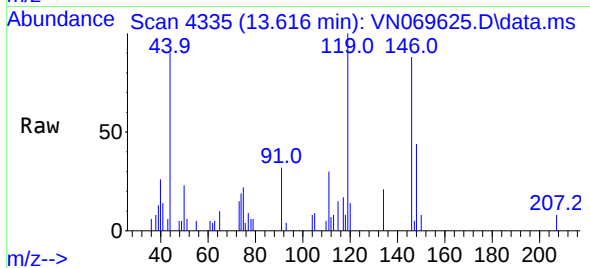
Tgt Ion: 98 Resp: 1408617
Ion Ratio Lower Upper
98 100
100 63.4 50.6 76.0





#83
1,3-Dichlorobenzene
Concen: 0.233 ug/l m
RT: 13.616 min Scan# 4336
Delta R.T. -0.002 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

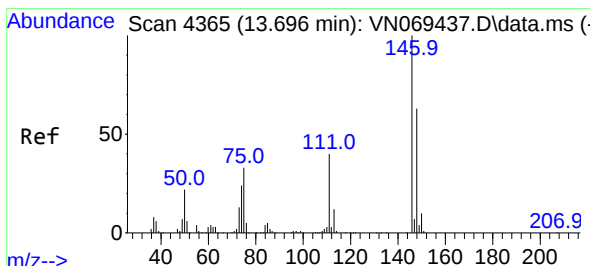
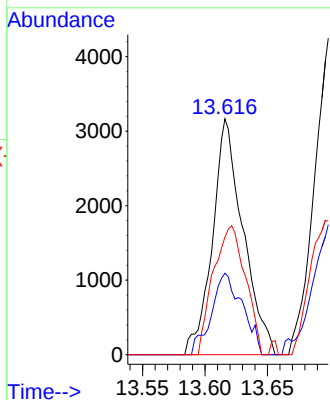
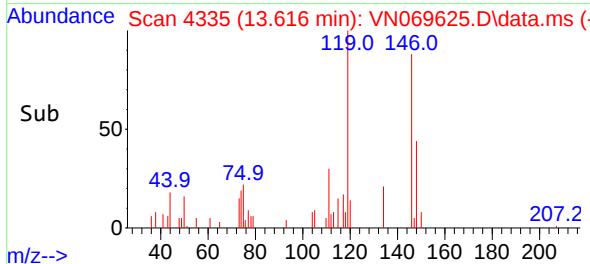
Instrument :
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ClientSampleId :
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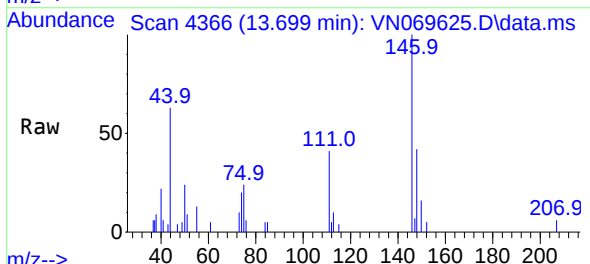
Tgt Ion:146 Resp: 5379
Ion Ratio Lower Upper
146 100
111 53.4 20.8 62.2
148 65.3 31.4 94.3

Manual Integrations
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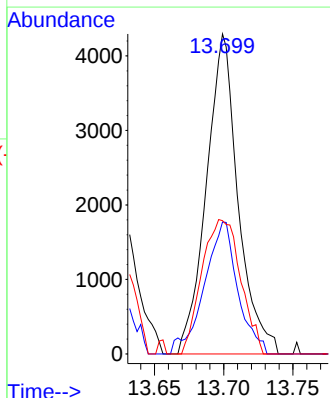
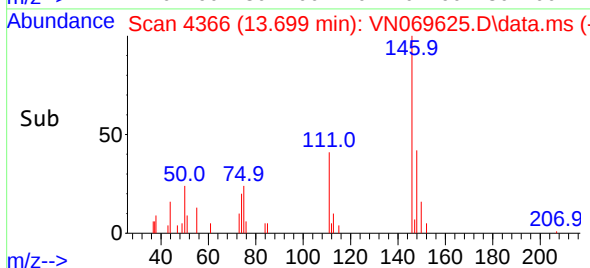
Reviewed By :John Carlone 11/24/2021
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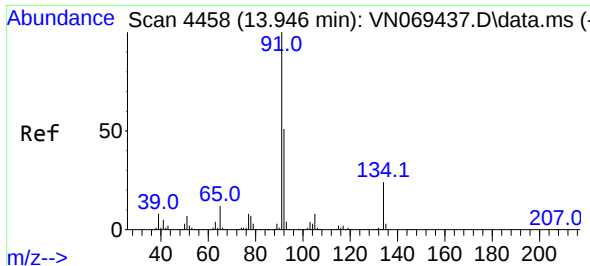


#84
1,4-Dichlorobenzene
Concen: 0.305 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17



Tgt Ion:146 Resp: 6836
Ion Ratio Lower Upper
146 100
111 42.0 19.5 58.5
148 51.3 31.1 93.5





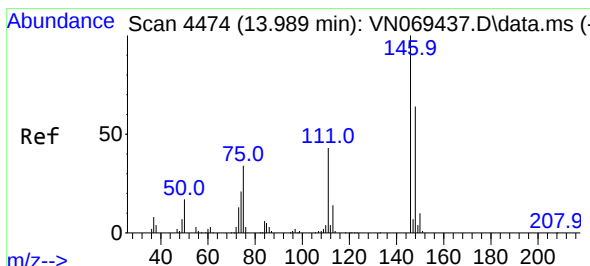
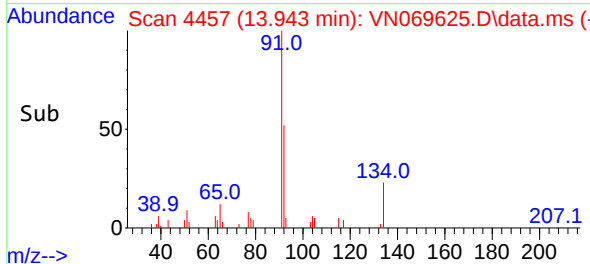
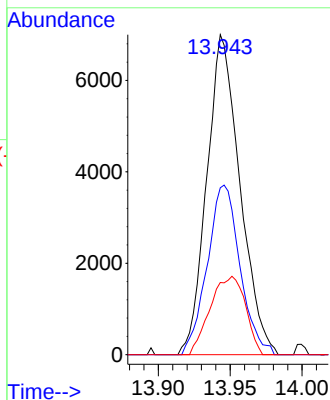
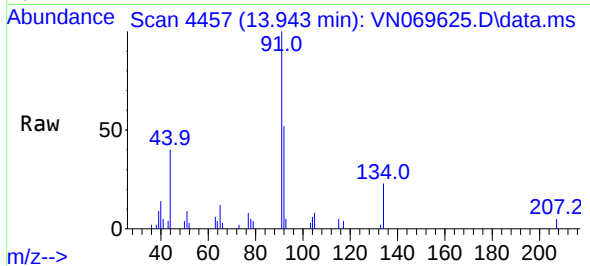
#85
n-Butylbenzene
Concen: 0.285 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

Instrument :
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Tgt Ion:	91	Resp:	1124
Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	100.6
134	26.0	0.0	50.2

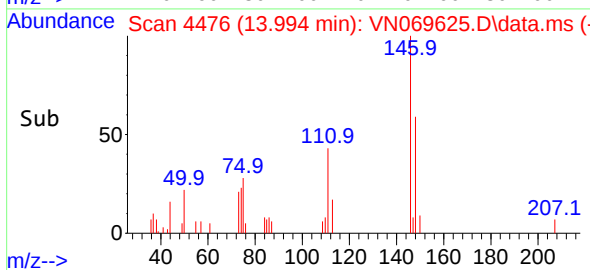
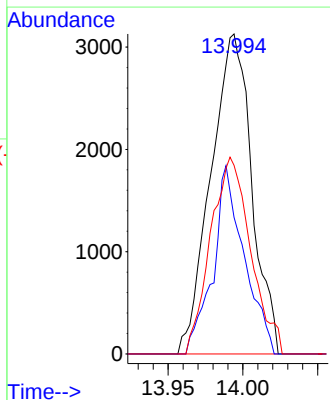
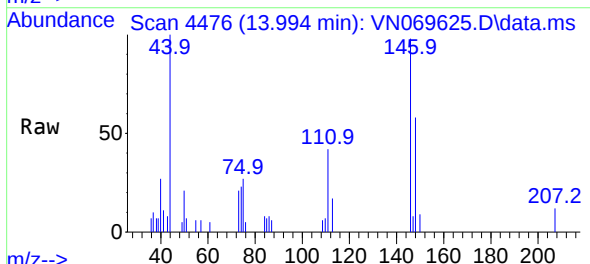
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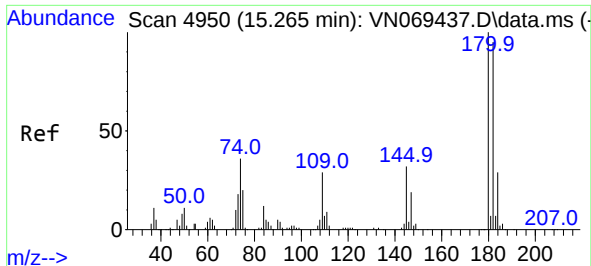
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#87
1,2-Dichlorobenzene
Concen: 0.267 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

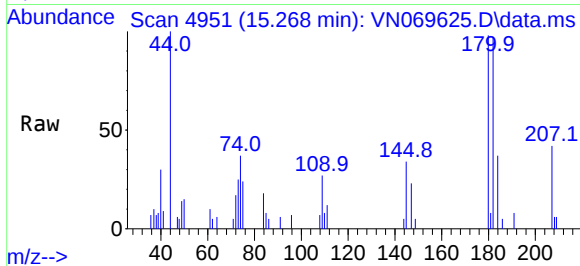
Tgt Ion:	146	Resp:	5959
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.4	64.2
148	58.7	32.5	97.4





#89
1,2,4-Trichlorobenzene
Concen: 0.615 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17

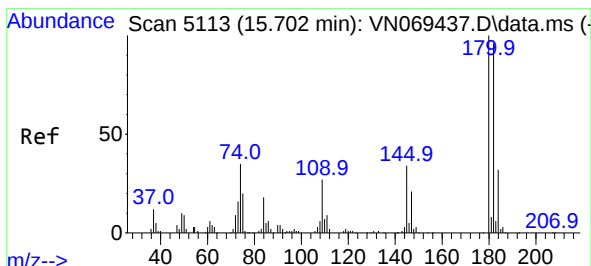
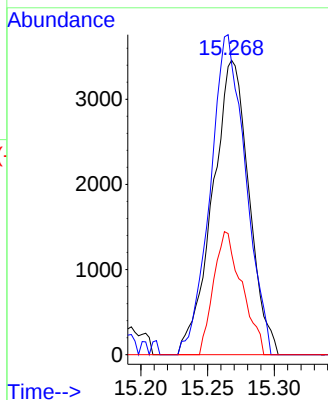
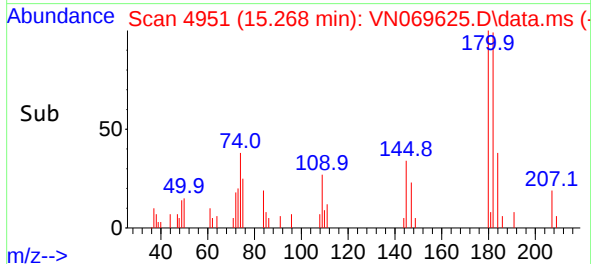
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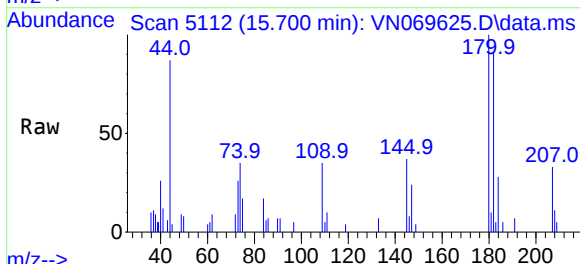
Tgt Ion:180 Resp: 657
Ion Ratio Lower Upper
180 100
182 105.3 77.7 116.5
145 32.4 26.6 39.8

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 0.878 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069625.D
Acq: 23 Nov 2021 14:17



Tgt Ion:180 Resp: 9227
Ion Ratio Lower Upper
180 100
182 93.7 0.0 190.0
145 19.3 0.0 67.8

