

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070238.D
 Acq On : 20 Dec 2021 14:11
 Operator : JC/MD
 Sample : M5106-01
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VAULT-WASTE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 20 15:12:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1272424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2426446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2704037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1452578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	985801	50.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.36%			
35) Dibromofluoromethane	8.016	113	676277	44.50	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 89.00%			
50) Toluene-d8	10.440	98	3268271	53.55	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.10%			
62) 4-Bromofluorobenzene	12.731	95	1508365	68.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 136.44%#			
Target Compounds					Qvalue	
16) Acetone	4.304	43	16313m	1.38	ug/l	
25) 2-Butanone	7.348	43	85677	5.34	ug/l	94
39) Methylcyclohexane	9.453	83	135887	4.95	ug/l #	84
73) Isopropylbenzene	12.578	105	708795	5.48	ug/l	98
78) n-propylbenzene	12.919	91	1910034	13.28	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	101575	1.03	ug/l	100
85) sec-Butylbenzene	13.501	105	2212039	17.71	ug/l	92
89) n-Butylbenzene	13.940	91	1501349	18.95	ug/l	88

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

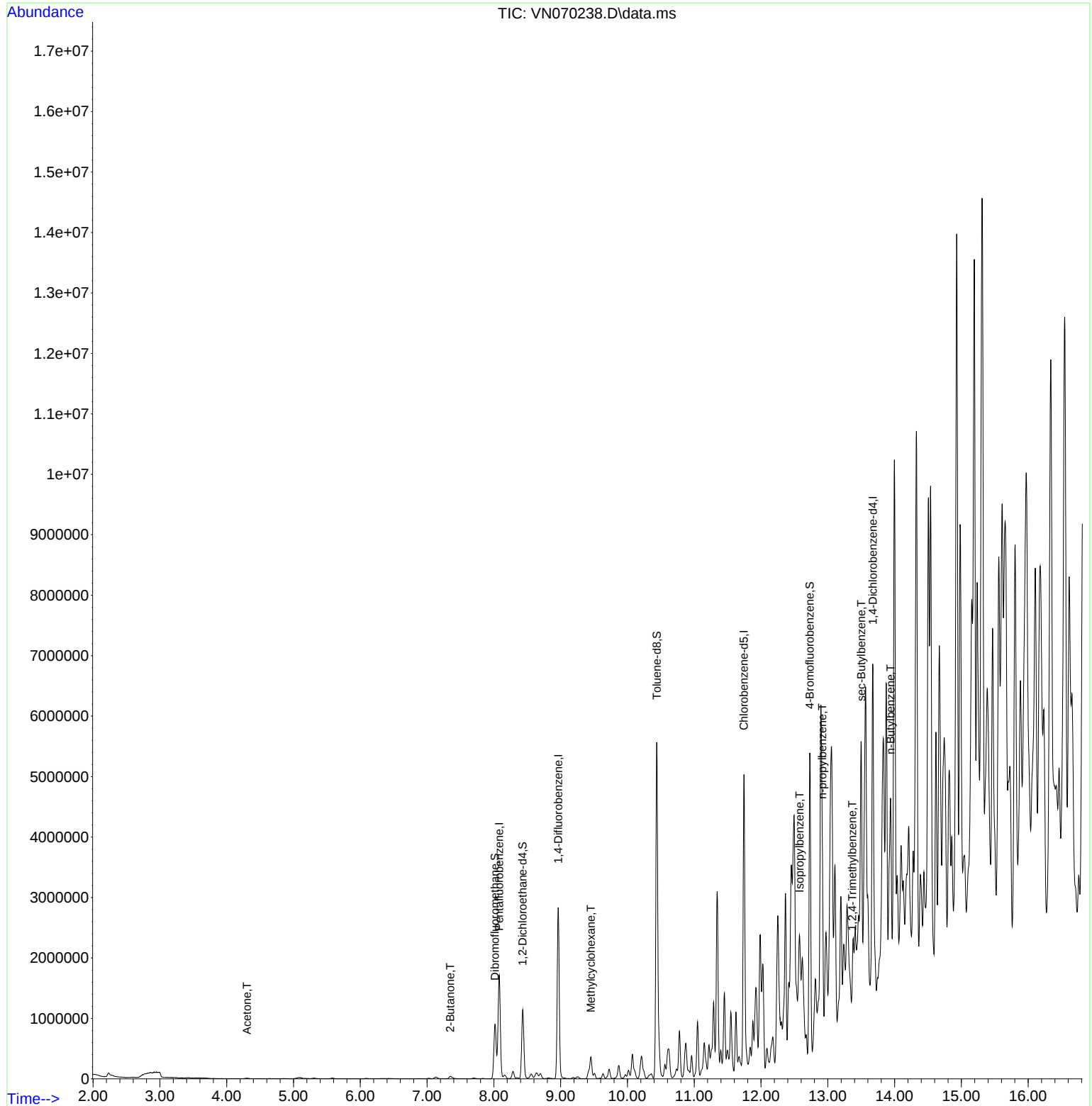
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070238.D
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ALS Vial : 10 Sample Multiplier: 1

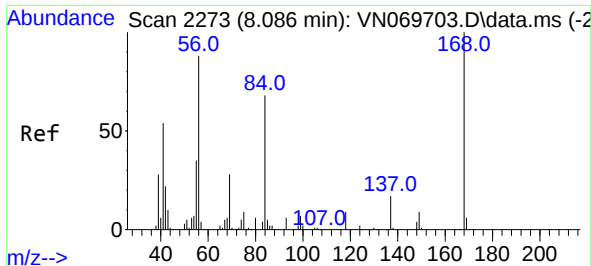
Instrument :
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VAULT-WASTE

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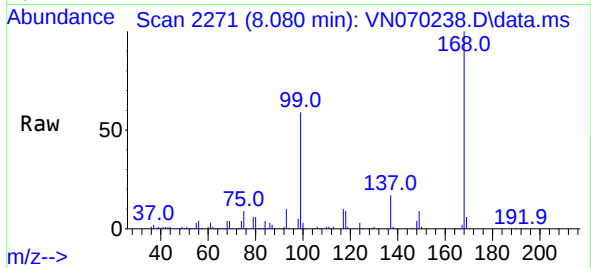
Quant Time: Dec 20 15:12:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

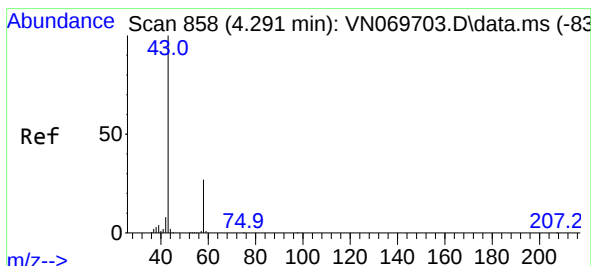
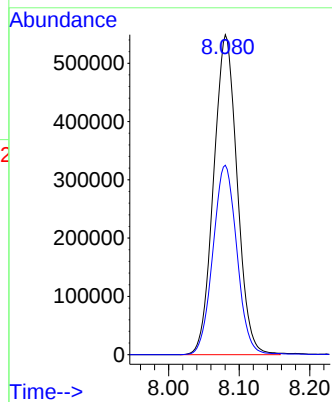
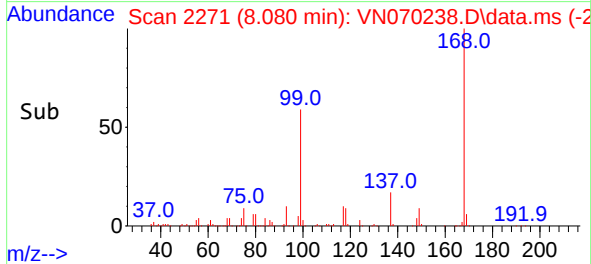
Instrument :
MSVOA_N
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VAULT-WASTE



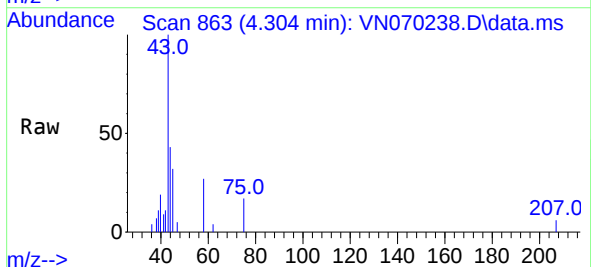
Tgt Ion:168 Resp: 1272424
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

Manual Integrations
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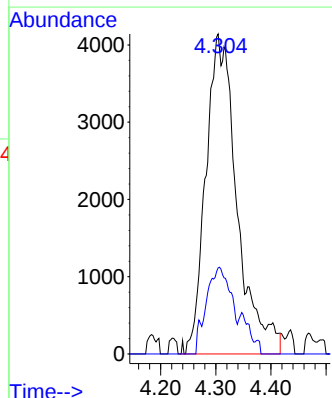
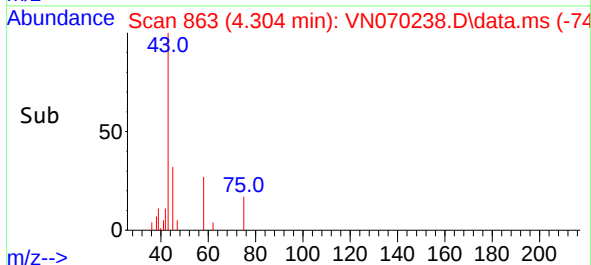
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

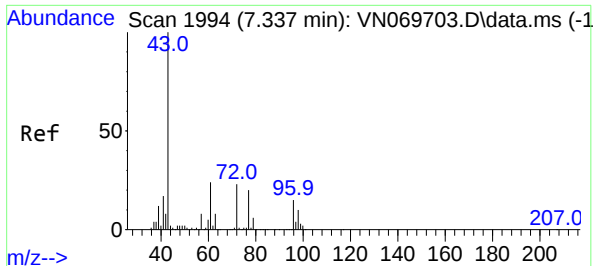


#16
Acetone
Concen: 1.38 ug/l m
RT: 4.304 min Scan# 863
Delta R.T. 0.014 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11



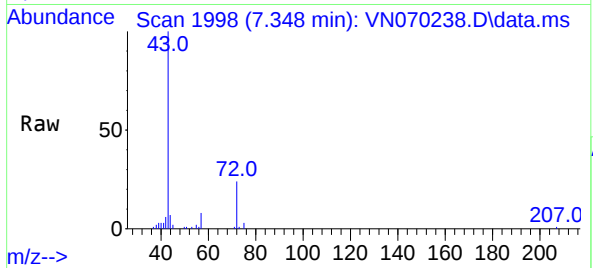
Tgt Ion: 43 Resp: 16313
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#25
2-Butanone
Concen: 5.34 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

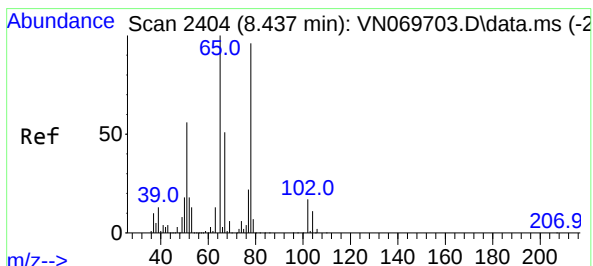
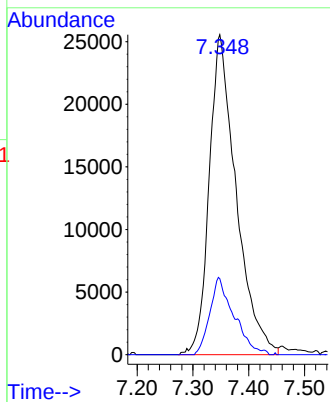
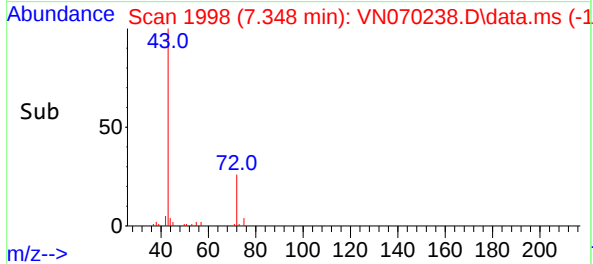
Instrument :
MSVOA_N
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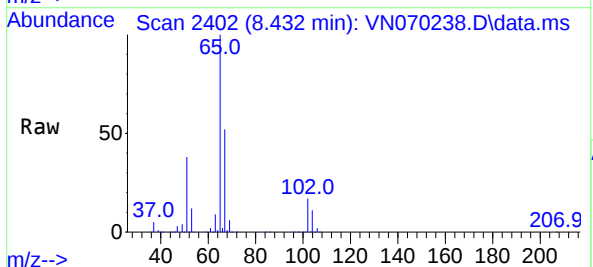
Tgt Ion: 43 Resp: 8567
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5

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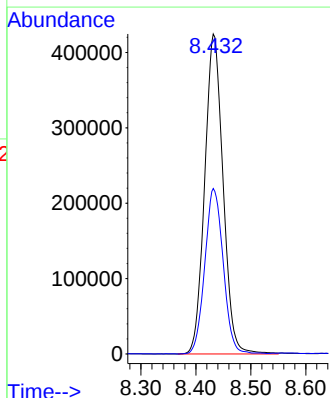
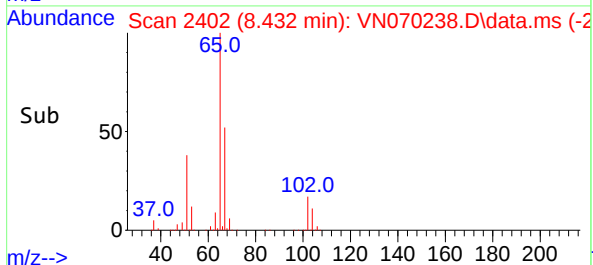
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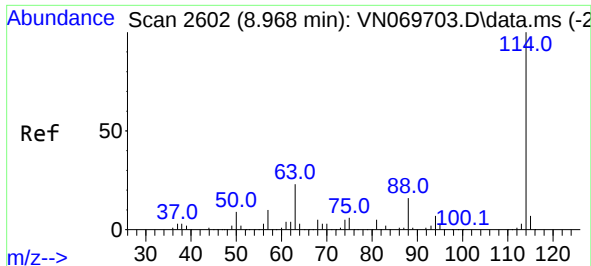


#33
1,2-Dichloroethane-d4
Concen: 50.18 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11



Tgt Ion: 65 Resp: 985801
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.963 min Scan# 2

Delta R.T. -0.005 min

Lab File: VN070238.D

Acq: 20 Dec 2021 14:11

Instrument :

MSVOA_N

ClientSampleId :

VAULT-WASTE

Tgt Ion:114 Resp: 242644

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

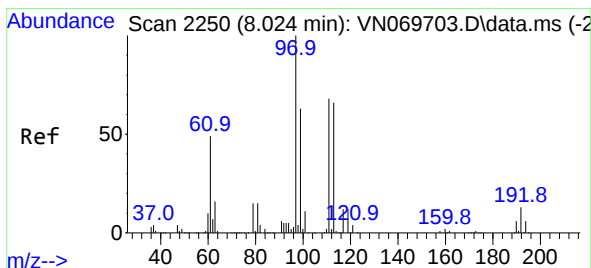
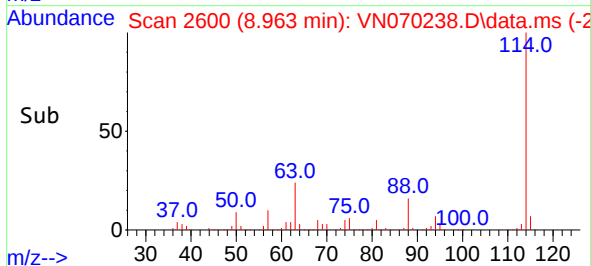
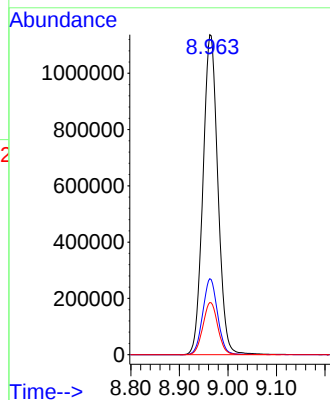
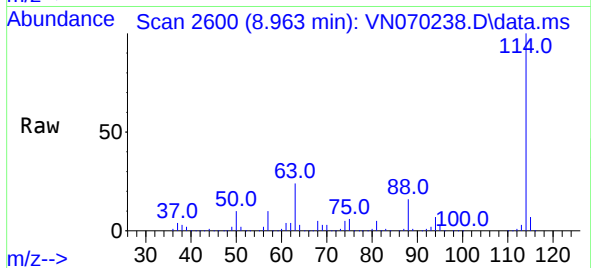
88 16.3 0.0 27.4

Manual Integrations

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#35

Dibromofluoromethane

Concen: 44.50 ug/l

RT: 8.016 min Scan# 2247

Delta R.T. -0.008 min

Lab File: VN070238.D

Acq: 20 Dec 2021 14:11

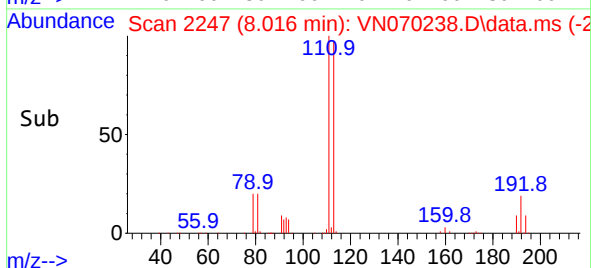
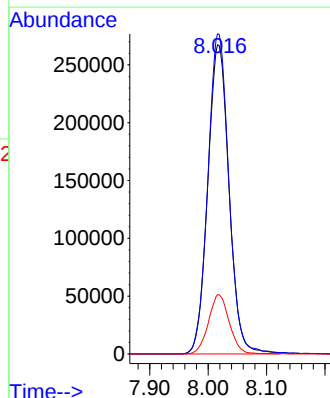
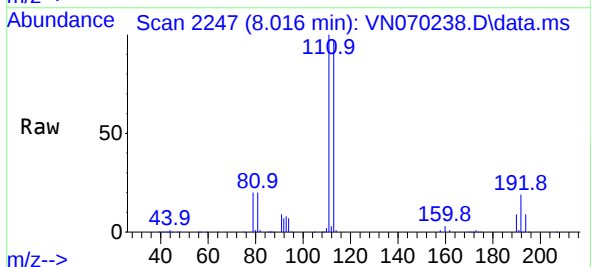
Tgt Ion:113 Resp: 676277

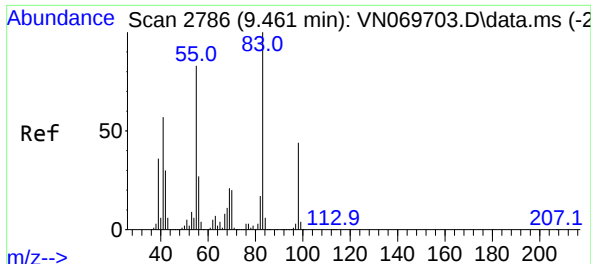
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 18.8 16.9 25.3





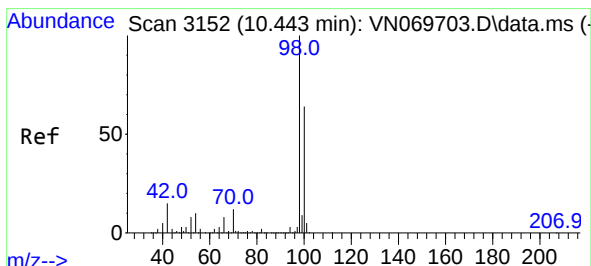
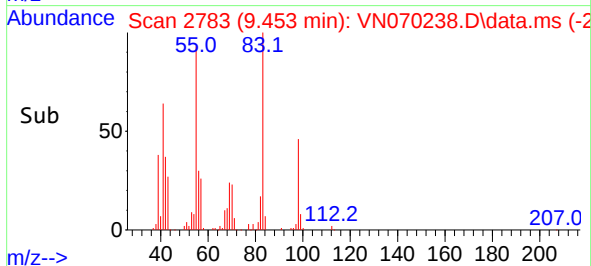
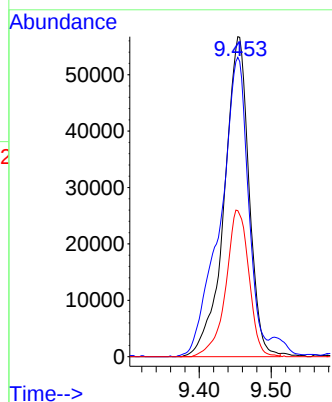
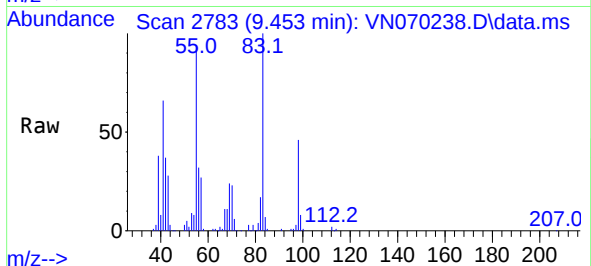
#39
Methylcyclohexane
Concen: 4.95 ug/l
RT: 9.453 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

Instrument :
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VAULT-WASTE

Tgt Ion: 83 Resp: 13588
Ion Ratio Lower Upper
83 100
55 93.1 58.1 87.1
98 45.6 38.4 57.6

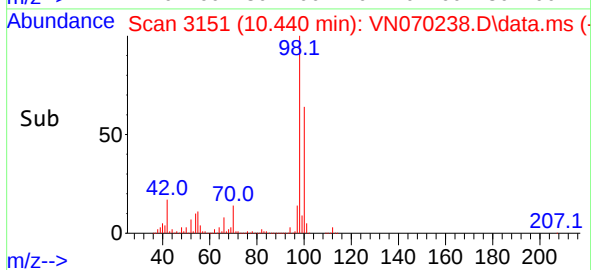
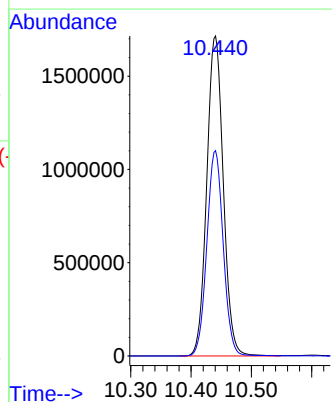
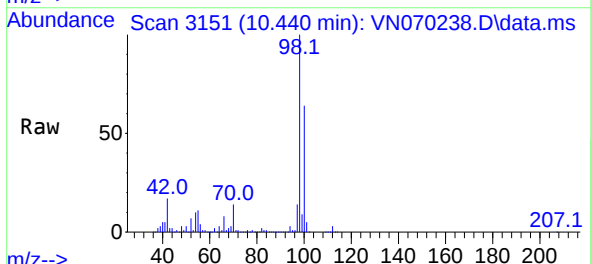
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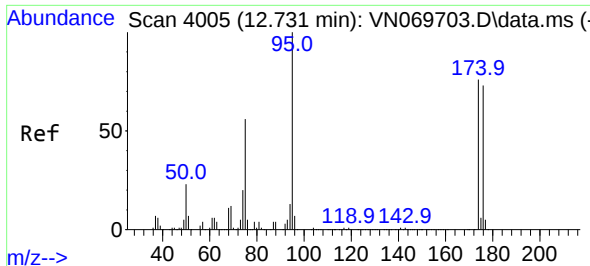
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 53.55 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

Tgt Ion: 98 Resp: 3268271
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6





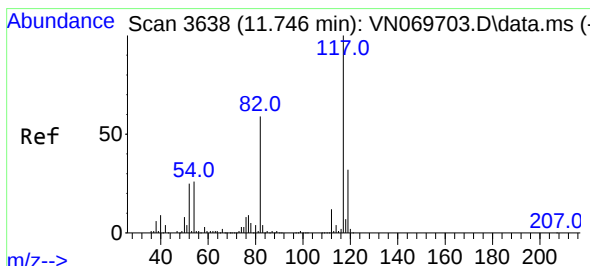
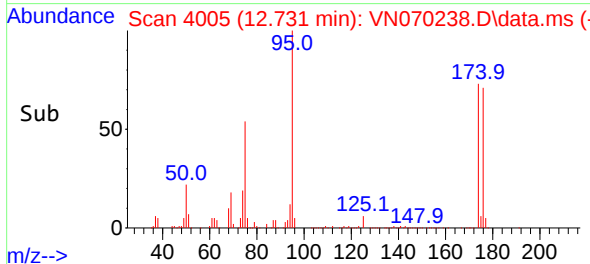
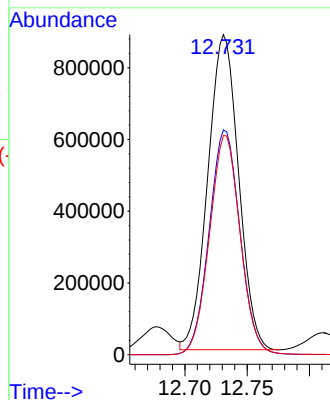
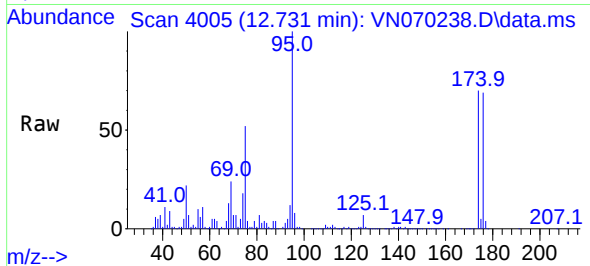
#62
4-Bromofluorobenzene
Concen: 68.22 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE

Tgt Ion: 95 Resp: 150836
Ion Ratio Lower Upper
95 100
174 71.7 0.0 187.2
176 69.7 0.0 181.4

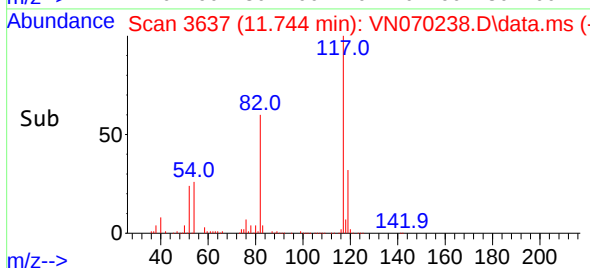
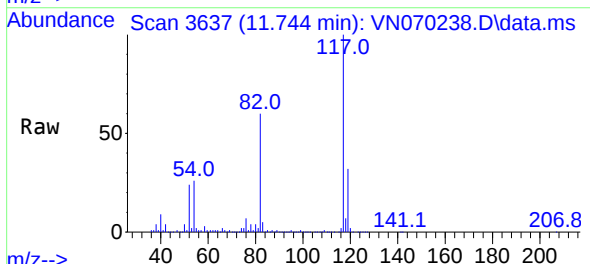
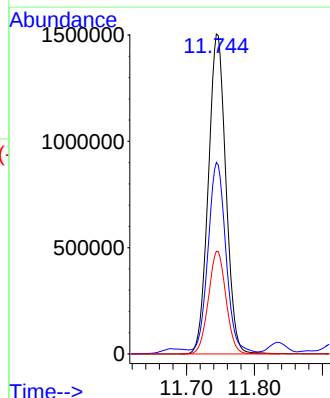
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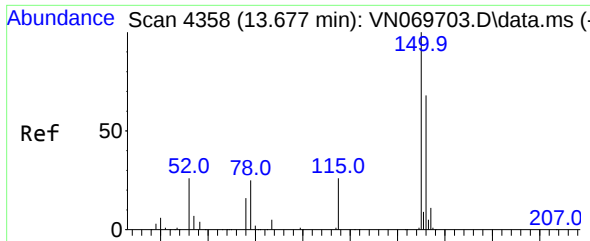
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

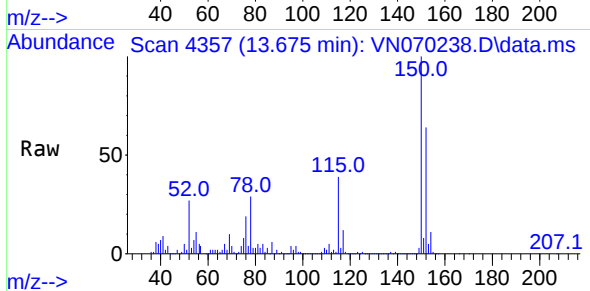
Tgt Ion:117 Resp: 2704037
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.1 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

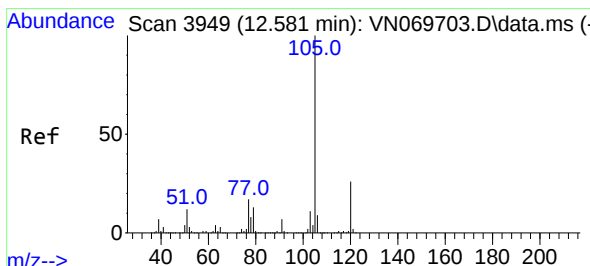
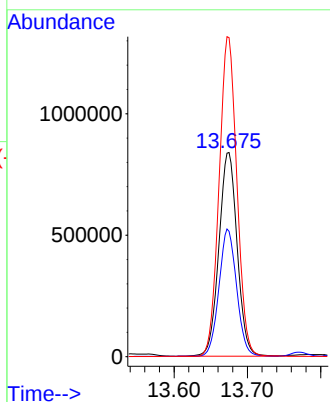
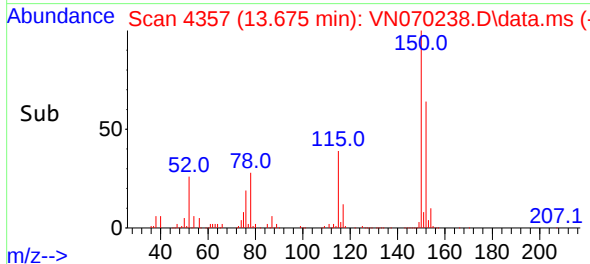
Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE



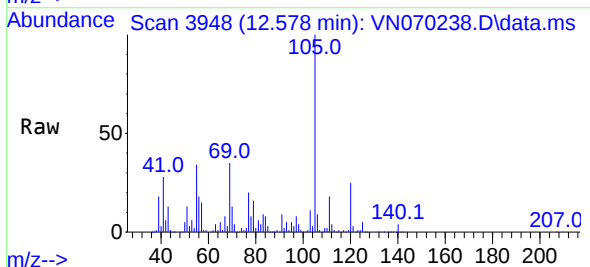
Tgt Ion:152 Resp: 1452578
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 152.9 0.0 344.4

Manual Integrations
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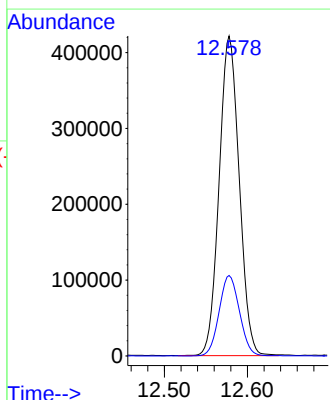
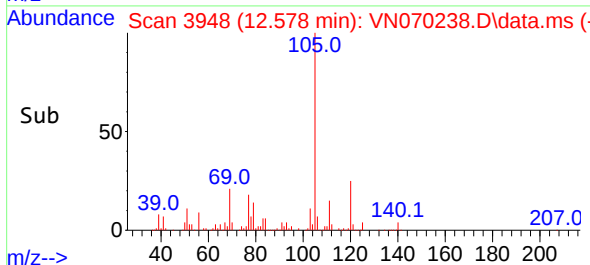
Reviewed By :John Carlone 12/21/2021
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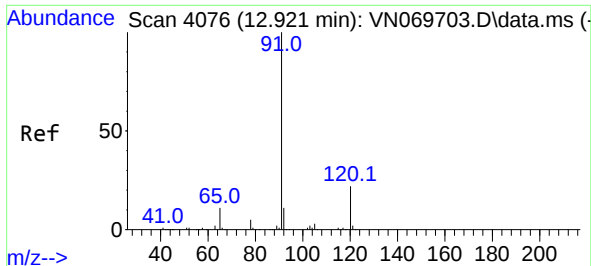


#73
Isopropylbenzene
Concen: 5.48 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11



Tgt Ion:105 Resp: 708795
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1





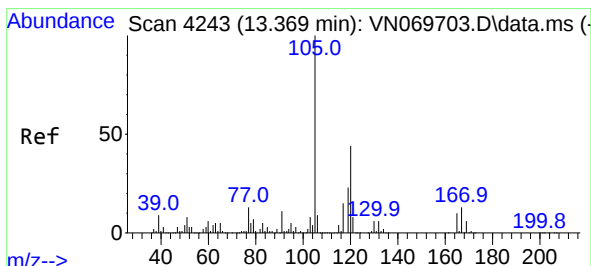
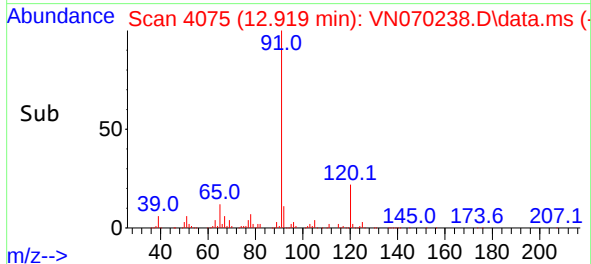
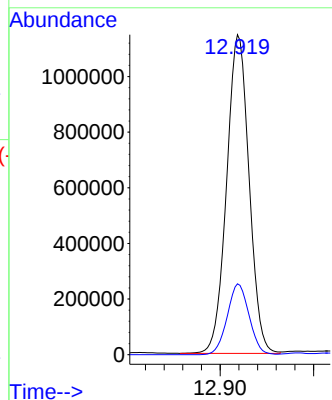
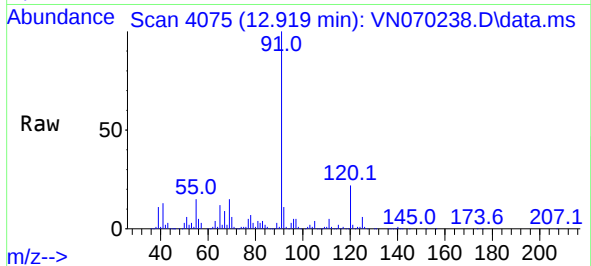
#78
n-propylbenzene
Concen: 13.28 ug/l
RT: 12.919 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

Instrument :
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VAULT-WASTE

Tgt Ion: 91 Resp: 1910034
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

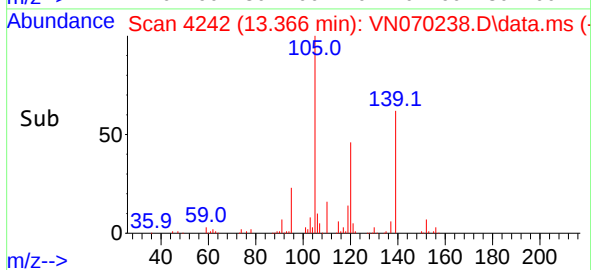
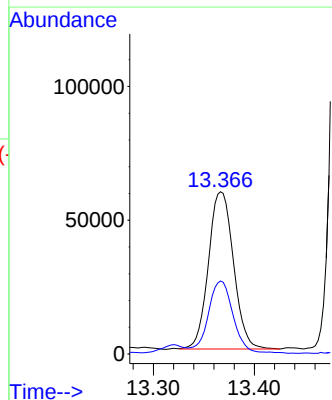
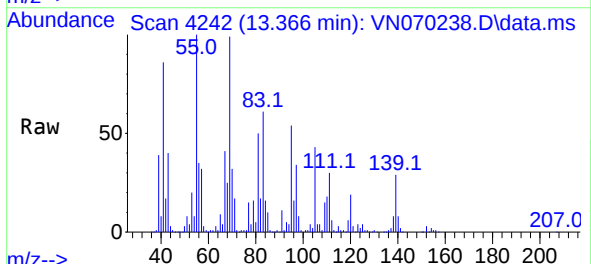
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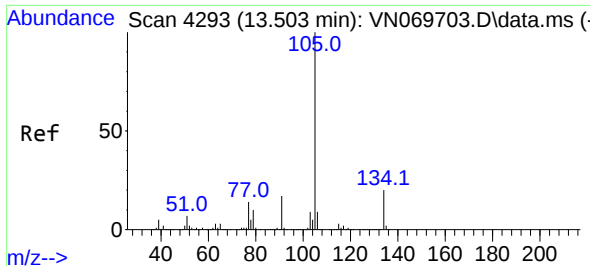
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 1.03 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

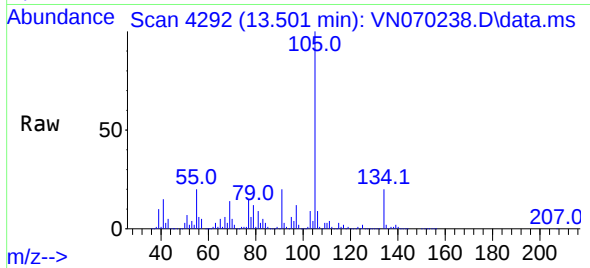
Tgt Ion:105 Resp: 101575
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





#85
sec-Butylbenzene
Concen: 17.71 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11

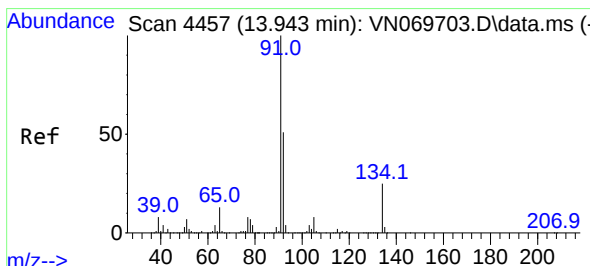
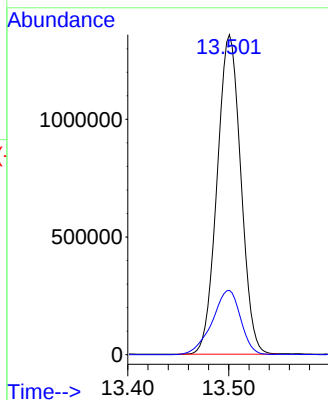
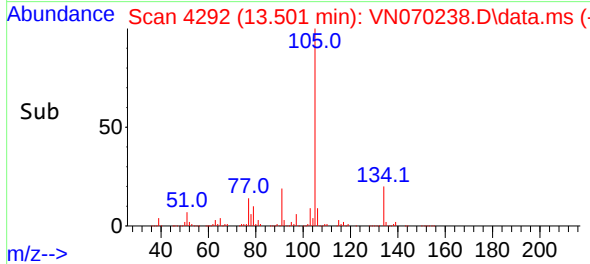
Instrument :
MSVOA_N
ClientSampleId :
VAULT-WASTE



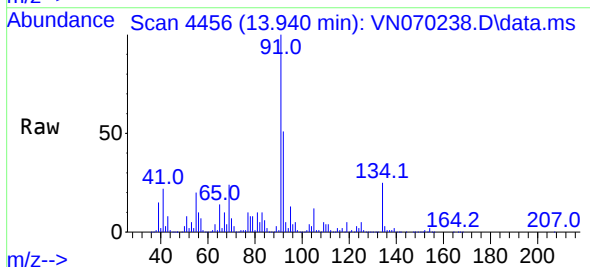
Tgt Ion:105 Resp: 2212039
Ion Ratio Lower Upper
105 100
134 24.2 10.4 31.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#89
n-Butylbenzene
Concen: 18.95 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN070238.D
Acq: 20 Dec 2021 14:11



Tgt Ion: 91 Resp: 1501349
Ion Ratio Lower Upper
91 100
92 47.0 25.4 76.0
134 39.5 13.6 40.8

