

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076522.D
 Acq On : 02 Feb 2023 20:04
 Operator : JC\MD
 Sample : 01402-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20230201-H4-STOCKPILE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2023
 Supervised By : Mahesh Dadoda 02/03/2023

Quant Time: Feb 03 01:06:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	586661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1004338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	844257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	334747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	361668	55.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.120%			
35) Dibromofluoromethane	8.171	113	302495	48.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	10.571	98	1127639	48.601	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.200%			
62) 4-Bromofluorobenzene	12.853	95	366988	48.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.900%			
Target Compounds					Qvalue	
40) Benzene	8.612	78	1079325	40.433	ug/l	100
52) Toluene	10.635	92	551383	30.887	ug/l	99
67) Ethyl Benzene	11.965	91	444082	14.539	ug/l	100
68) m/p-Xylenes	12.071	106	187596	15.317	ug/l	97
69) o-Xylene	12.400	106	97316	8.091	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	35735	1.643	ug/l	99
95) Naphthalene	15.647	128	114245	8.166	ug/l	99

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

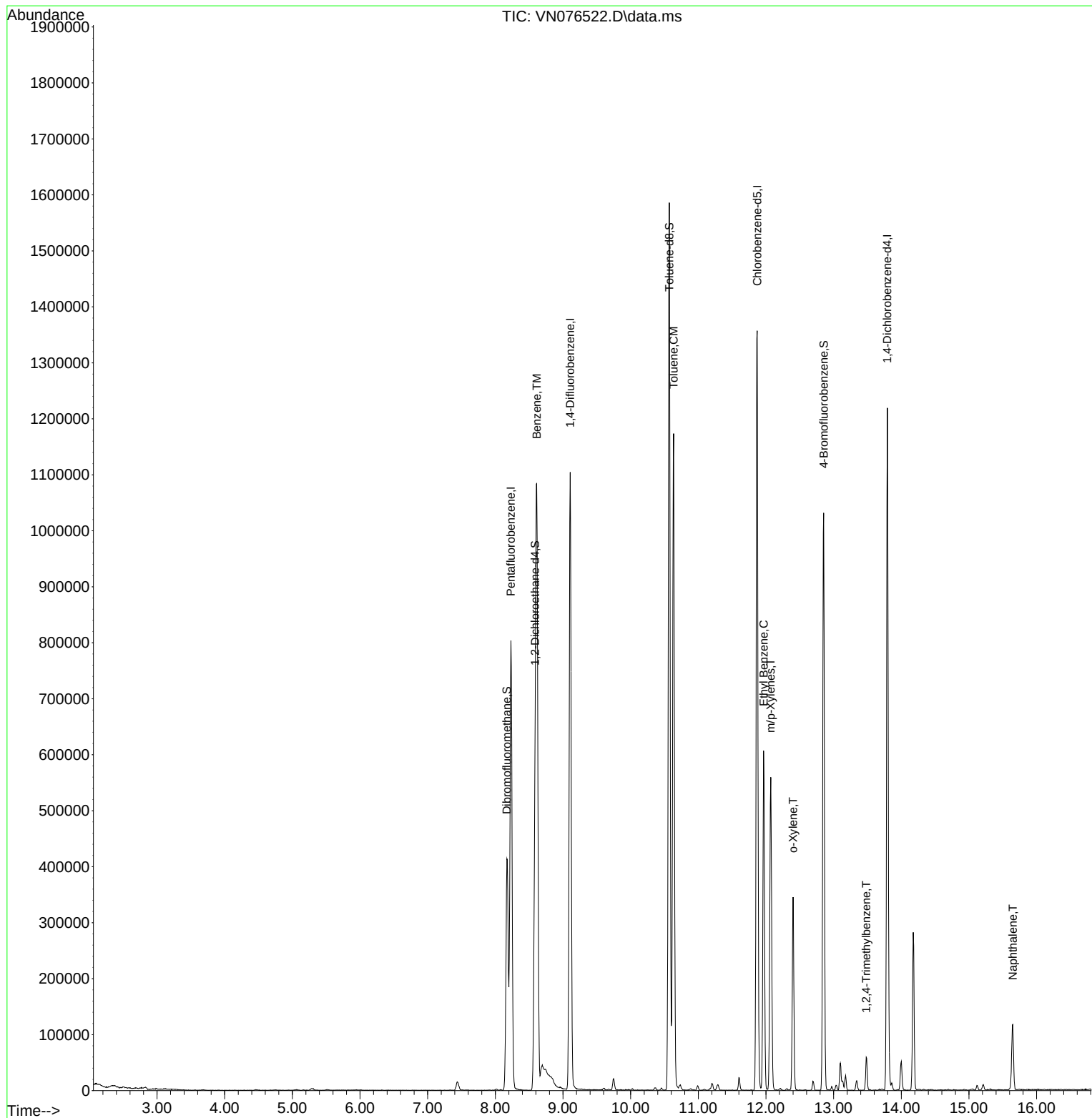
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
Data File : VN076522.D
Acq On : 02 Feb 2023 20:04
Operator : JC\MD
Sample : 01402-01 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

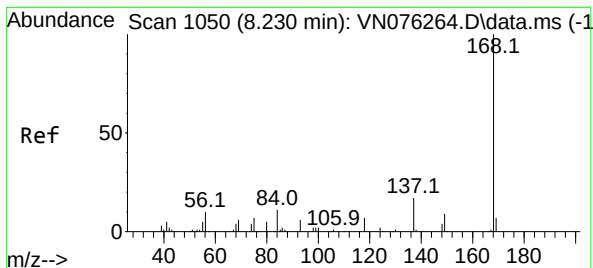
Instrument :
MSVOA_N
ClientSampleId :
20230201-H4-STOCKPILE

Quant Time: Feb 03 01:06:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

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APPROVED

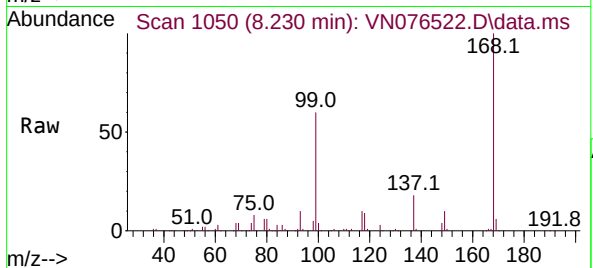
Reviewed By : John Carlone 02/03/2023
Supervised By : Mahesh Dadoda 02/03/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

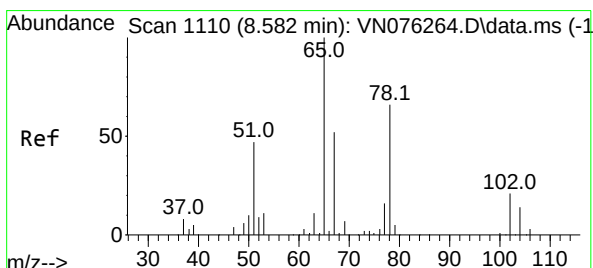
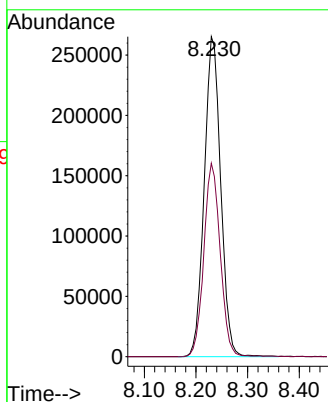
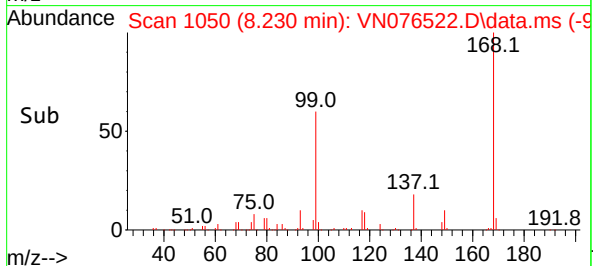
Instrument :
MSVOA_N
ClientSampleId :
20230201-H4-STOCKPILE



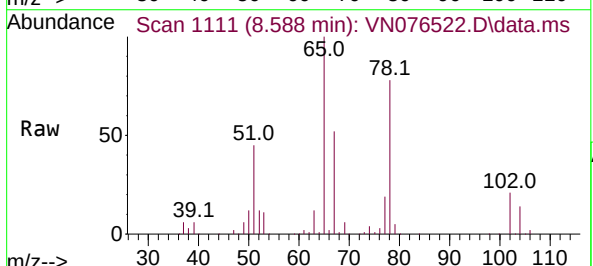
Tgt Ion:168 Resp: 58666
Ion Ratio Lower Upper
168 100
99 60.5 41.6 62.4

Manual Integrations
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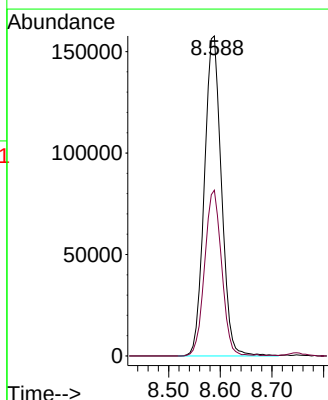
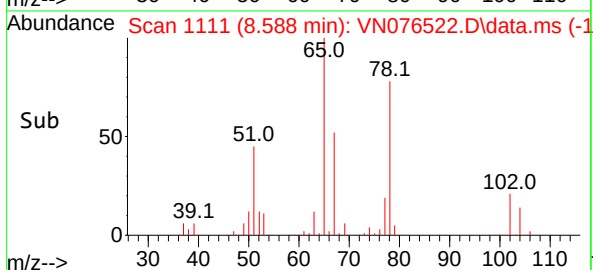
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

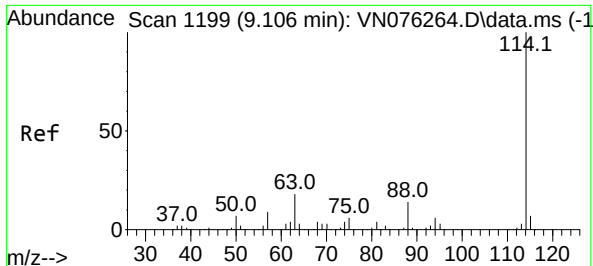


#33
1,2-Dichloroethane-d4
Concen: 55.059 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04



Tgt Ion: 65 Resp: 361668
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076522.D

Acq: 02 Feb 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

20230201-H4-STOCKPILE

Tgt Ion:114 Resp: 1004338

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.8

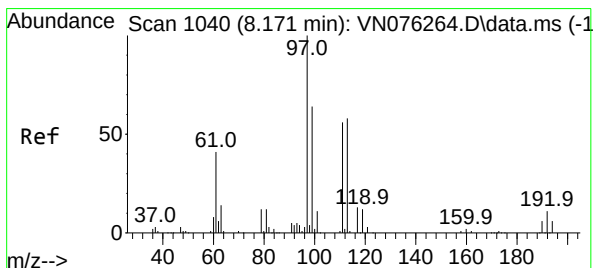
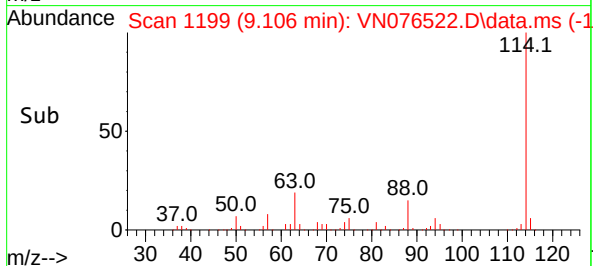
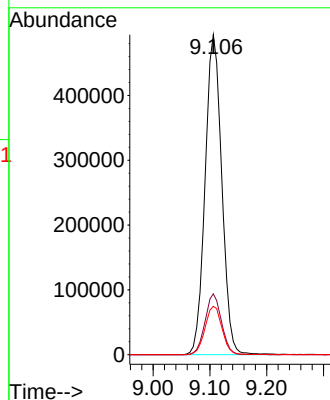
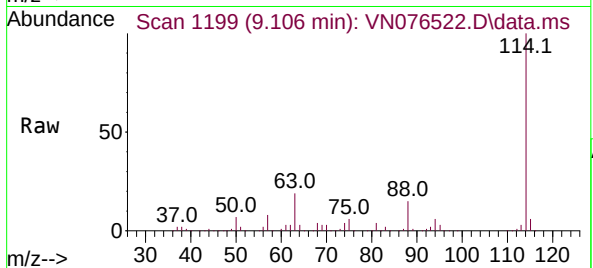
88 15.1 0.0 28.0

Manual Integrations

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Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#35

Dibromofluoromethane

Concen: 48.148 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076522.D

Acq: 02 Feb 2023 20:04

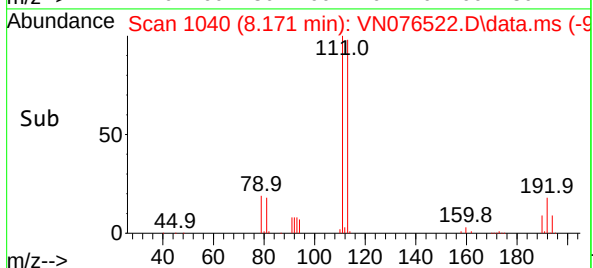
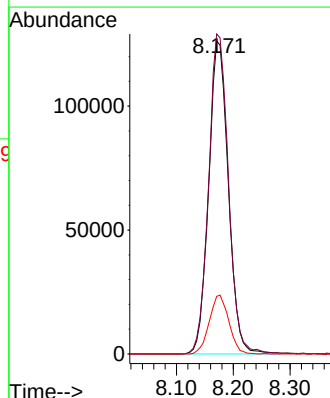
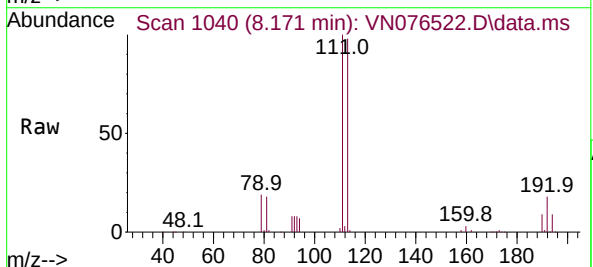
Tgt Ion:113 Resp: 302495

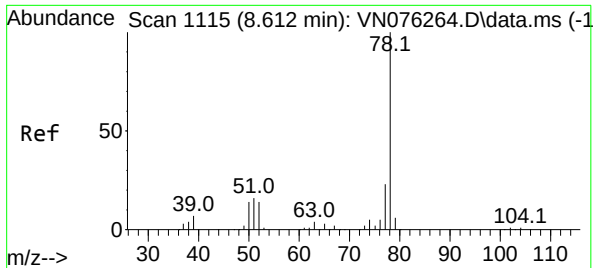
Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

192 18.7 15.6 23.4





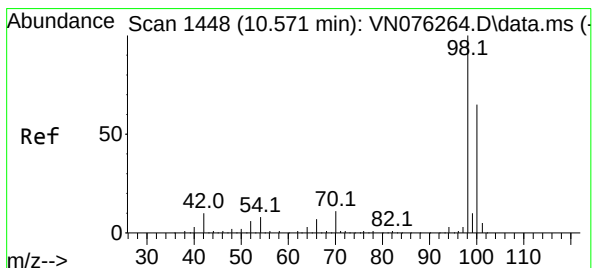
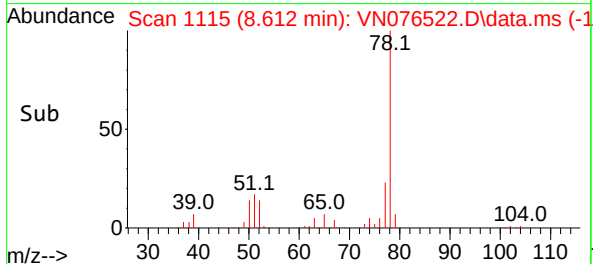
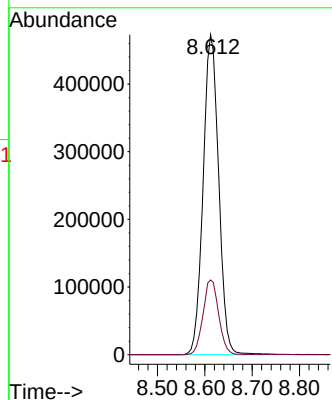
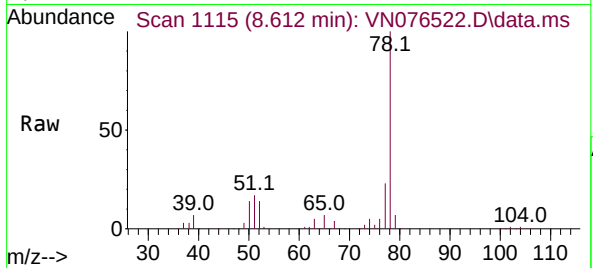
#40
Benzene
Concen: 40.433 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
20230201-H4-STOCKPILE

Tgt Ion: 78 Resp: 107932
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

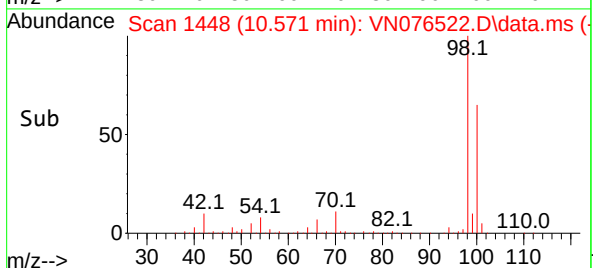
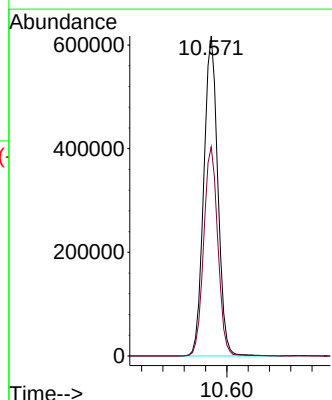
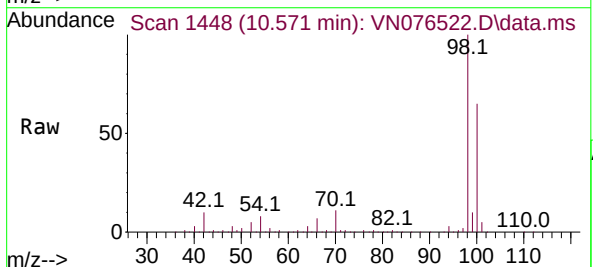
Manual Integrations
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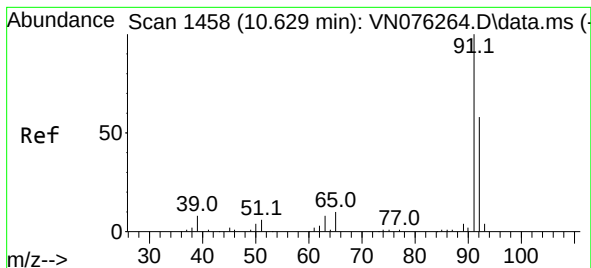
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#50
Toluene-d8
Concen: 48.601 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

Tgt Ion: 98 Resp: 1127639
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4





#52

Toluene

Concen: 30.887 ug/l

RT: 10.635 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VN076522.D

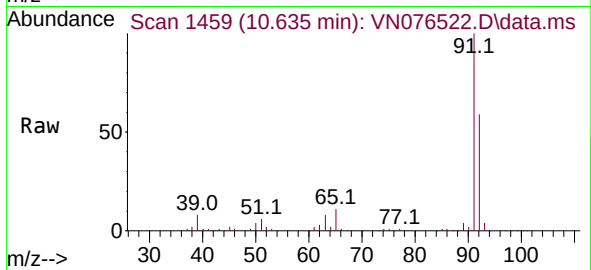
Acq: 02 Feb 2023 20:04

Instrument :

MSVOA_N

ClientSampleId :

20230201-H4-STOCKPILE



Tgt Ion: 92 Resp: 55138

Ion Ratio Lower Upper

92 100

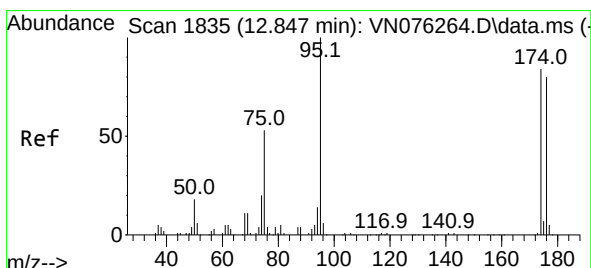
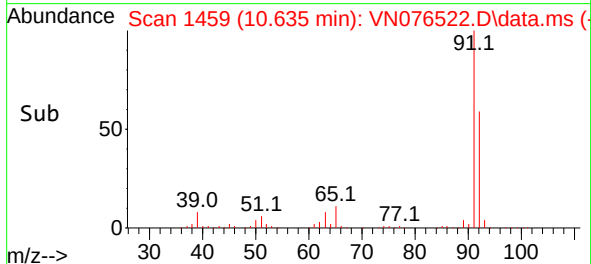
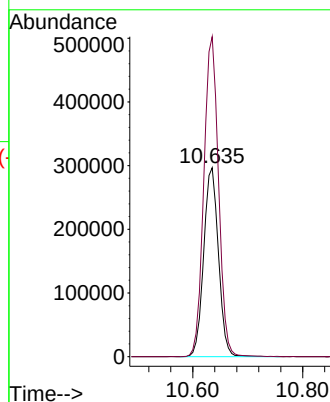
91 169.5 136.6 205.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2023

Supervised By :Mahesh Dadoda 02/03/2023



#62

4-Bromofluorobenzene

Concen: 48.451 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076522.D

Acq: 02 Feb 2023 20:04

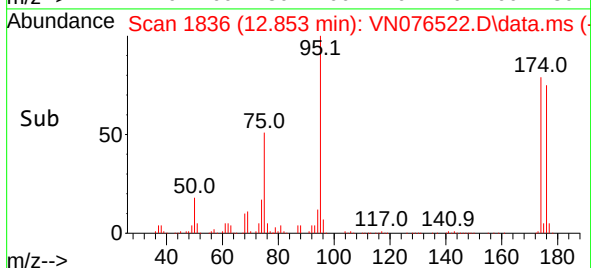
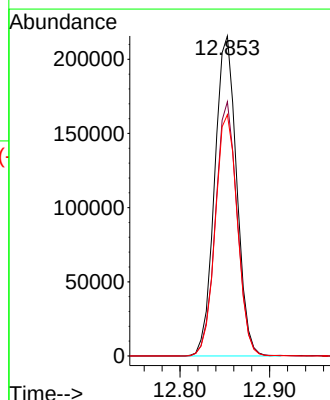
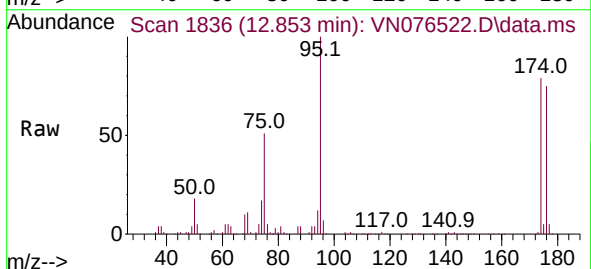
Tgt Ion: 95 Resp: 366988

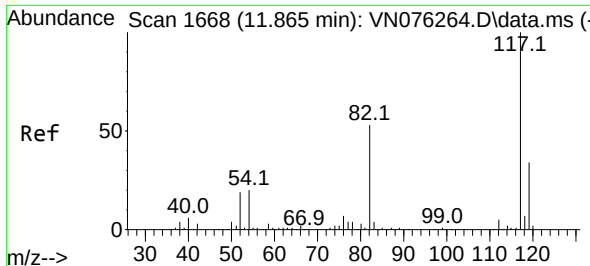
Ion Ratio Lower Upper

95 100

174 78.3 0.0 174.6

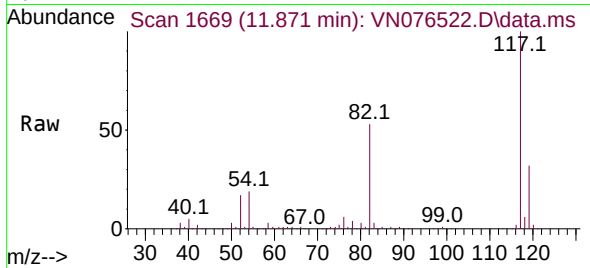
176 76.1 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

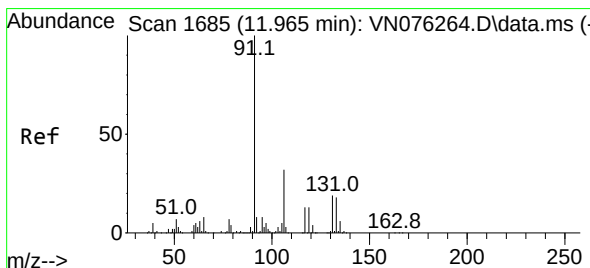
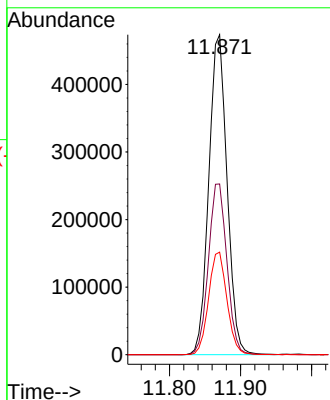
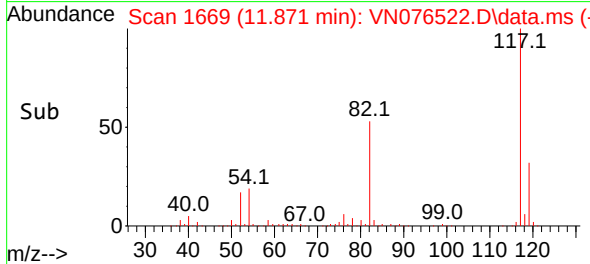
Instrument :
MSVOA_N
ClientSampleId :
20230201-H4-STOCKPILE



Tgt Ion:117 Resp: 84425
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.0 26.9 40.3

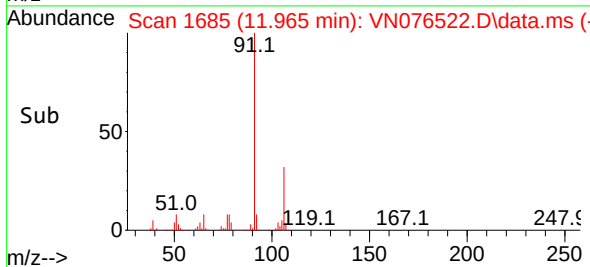
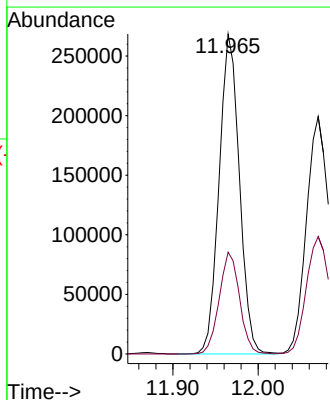
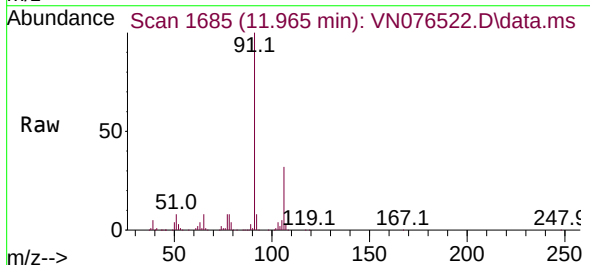
Manual Integrations
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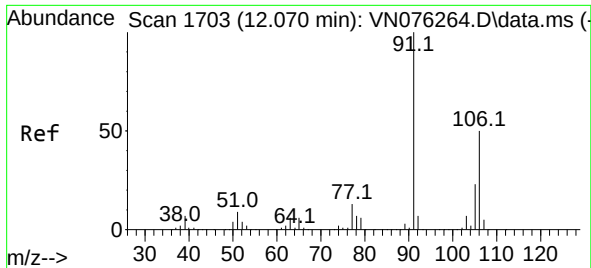
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#67
Ethyl Benzene
Concen: 14.539 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

Tgt Ion: 91 Resp: 444082
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3





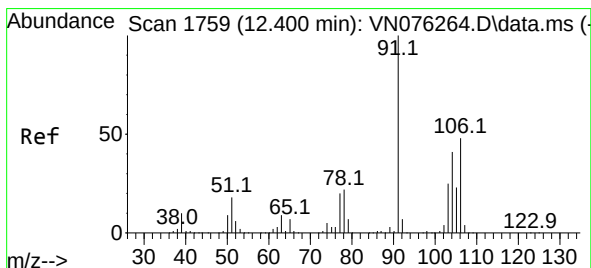
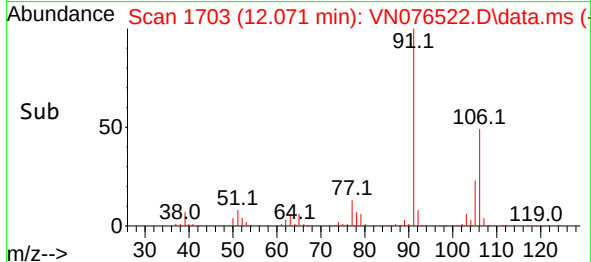
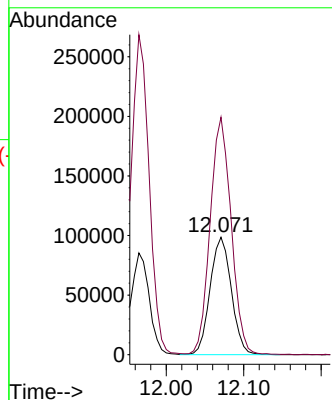
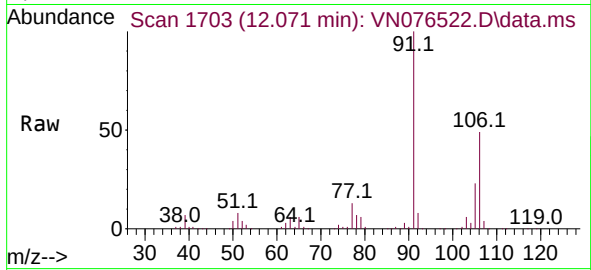
#68
m/p-Xylenes
Concen: 15.317 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
20230201-H4-STOCKPILE

Tgt Ion:106 Resp: 187590
Ion Ratio Lower Upper
106 100
91 200.9 157.5 236.3

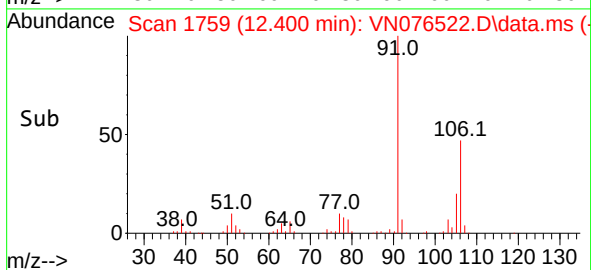
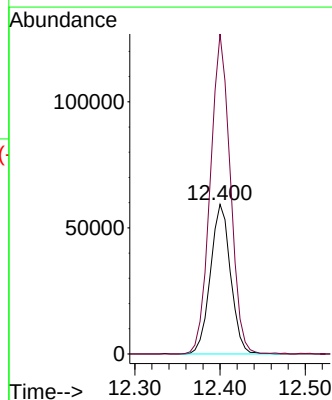
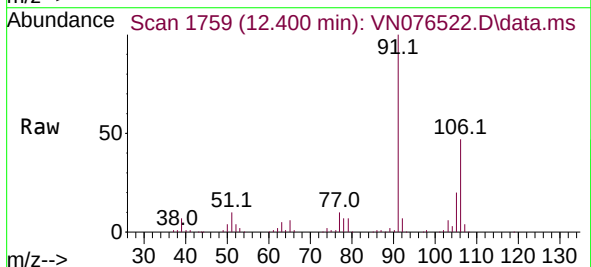
Manual Integrations
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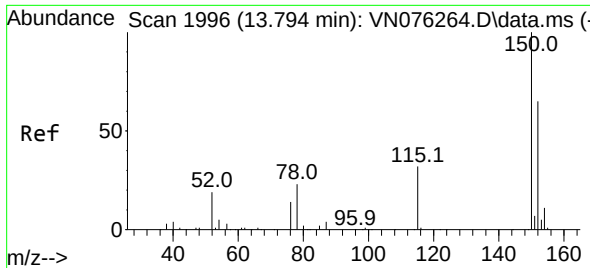
Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023



#69
o-Xylene
Concen: 8.091 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

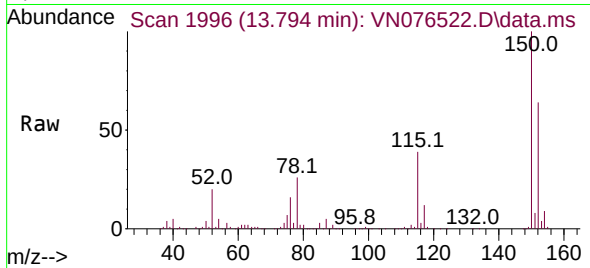
Tgt Ion:106 Resp: 97316
Ion Ratio Lower Upper
106 100
91 213.2 103.2 309.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076522.D
 Acq: 02 Feb 2023 20:04

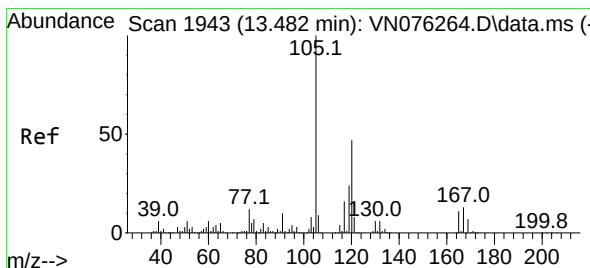
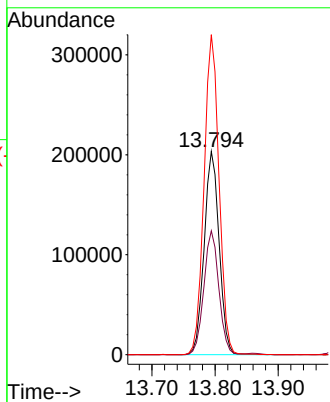
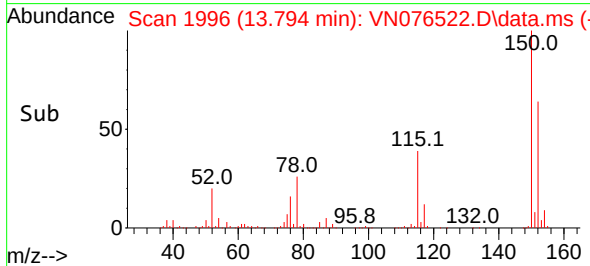
Instrument :
 MSVOA_N
 ClientSampleId :
 20230201-H4-STOCKPILE



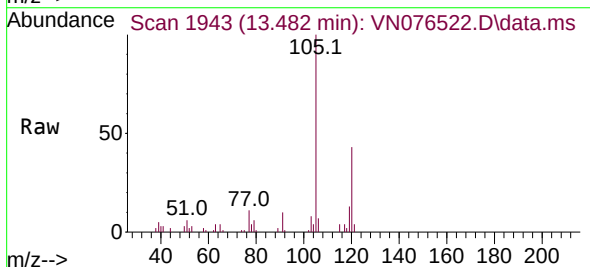
Tgt Ion:152 Resp: 33474
 Ion Ratio Lower Upper
 152 100
 115 61.1 29.6 88.9
 150 157.6 0.0 351.4

Manual Integrations
 APPROVED

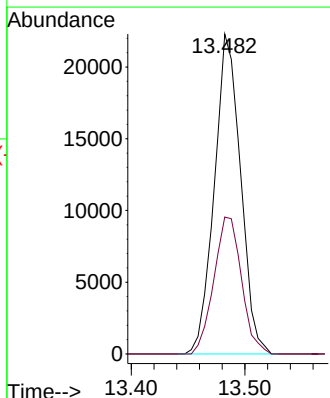
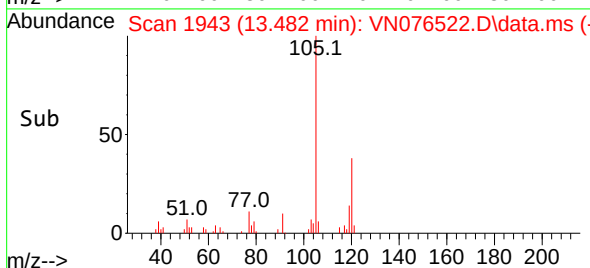
Reviewed By :John Carbone 02/03/2023
 Supervised By :Mahesh Dadoda 02/03/2023

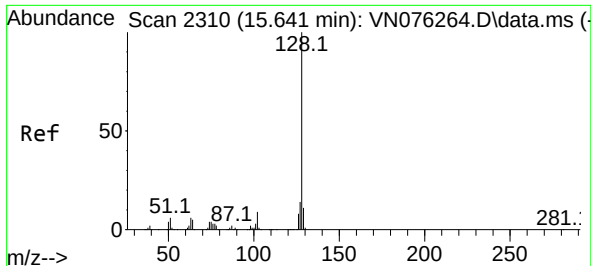


#84
 1,2,4-Trimethylbenzene
 Concen: 1.643 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076522.D
 Acq: 02 Feb 2023 20:04



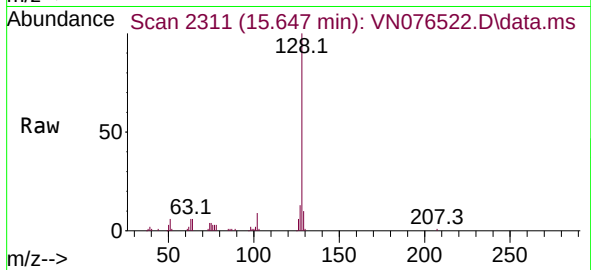
Tgt Ion:105 Resp: 35735
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.9 68.5





#95
Naphthalene
Concen: 8.166 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076522.D
Acq: 02 Feb 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
20230201-H4-STOCKPILE



Tgt Ion:128 Resp: 114245
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2023
Supervised By :Mahesh Dadoda 02/03/2023

