

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079956.D
 Acq On : 07 Nov 2023 09:17
 Operator : JC\MD
 Sample : 05107-27
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1074

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 12:33:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	324524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	662402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	695082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	324993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266469	53.895	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.780%			
35) Dibromofluoromethane	8.171	113	213310	45.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.000%			
50) Toluene-d8	10.571	98	817637	47.375	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.740%			
62) 4-Bromofluorobenzene	12.853	95	339463	59.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.620%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	392263	225.865	ug/l	91
20) Methylene Chloride	5.271	84	26555	6.060	ug/l #	83
25) 2-Butanone	7.488	43	94081	36.994	ug/l #	81
31) Cyclohexane	8.265	56	22597m	3.459	ug/l	
39) Methylcyclohexane	9.612	83	9563	1.518	ug/l	89
40) Benzene	8.612	78	6791860	338.755	ug/l	100
43) Isopropyl Acetate	8.694	43	324292	30.121	ug/l #	76
52) Toluene	10.635	92	3474861	292.345	ug/l	100
67) Ethyl Benzene	11.965	91	495240	18.853	ug/l	97
68) m/p-Xylenes	12.071	106	902248	92.201	ug/l	92
69) o-Xylene	12.400	106	707701	75.103	ug/l	91
73) Isopropylbenzene	12.700	105	35828	1.453	ug/l	94
78) n-propylbenzene	13.035	91	44481	1.575	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	212915	11.095	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	745283	39.474	ug/l	82
95) Naphthalene	15.647	128	13462588	787.291	ug/l	99

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

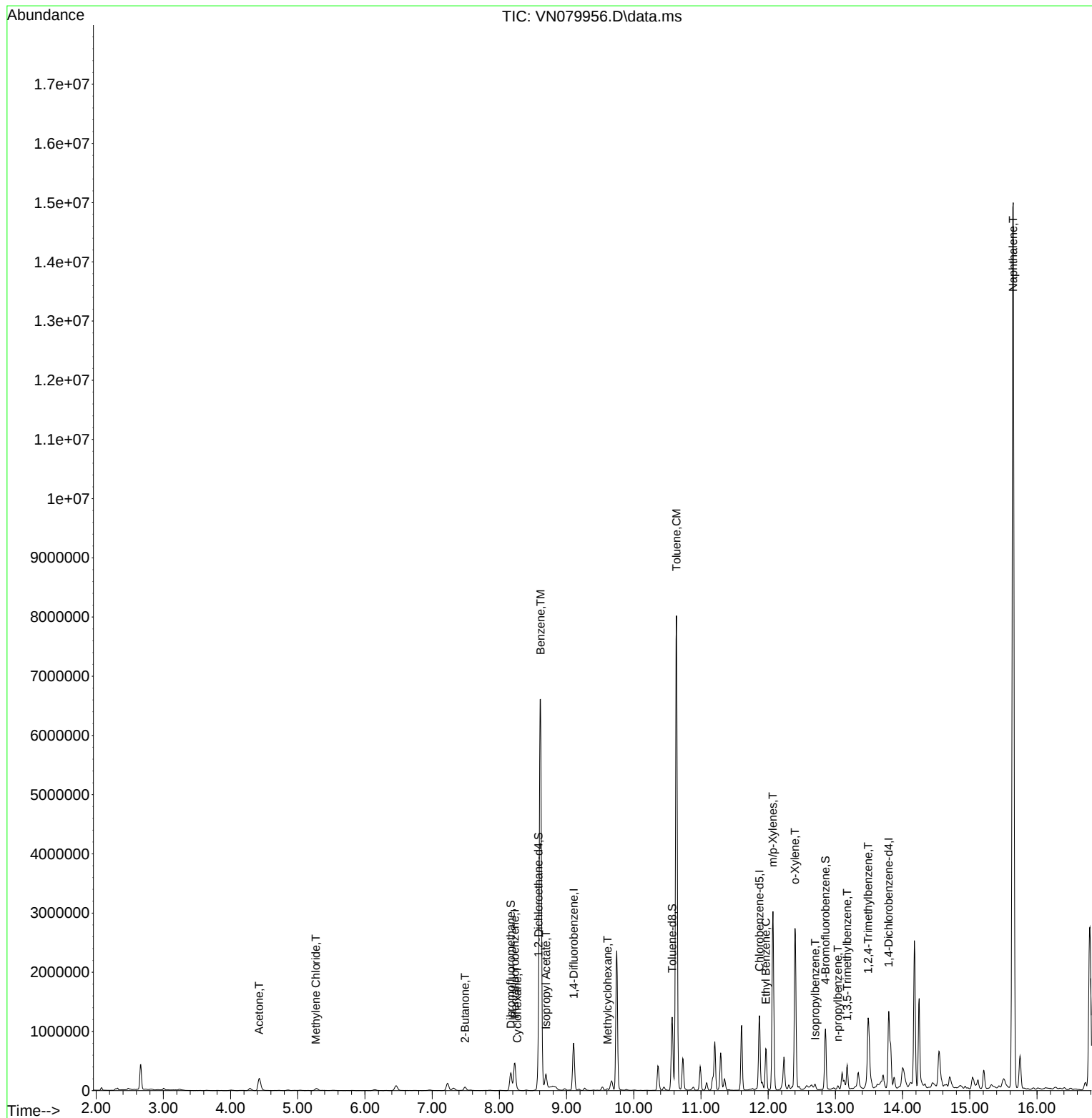
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
Data File : VN079956.D
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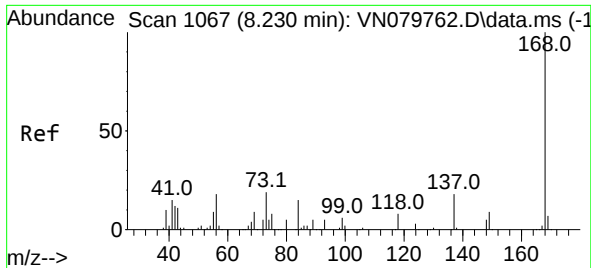
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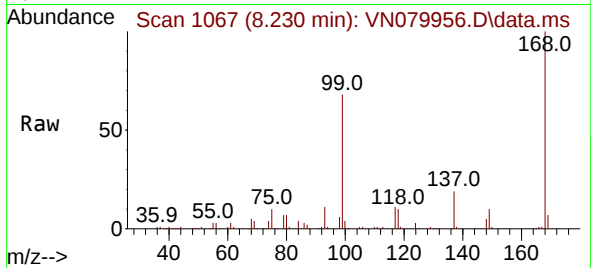
Quant Time: Nov 07 12:33:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

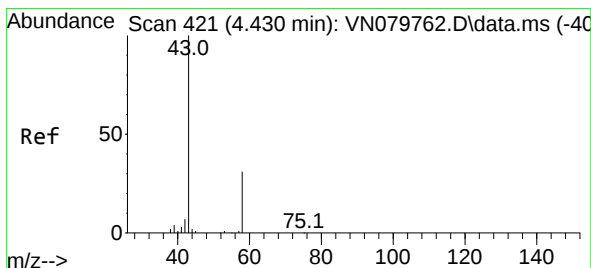
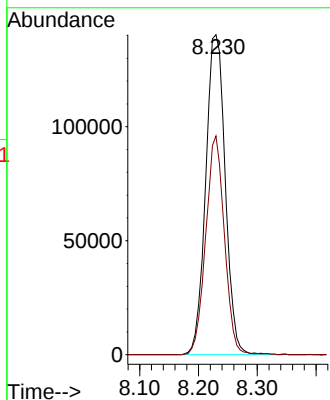
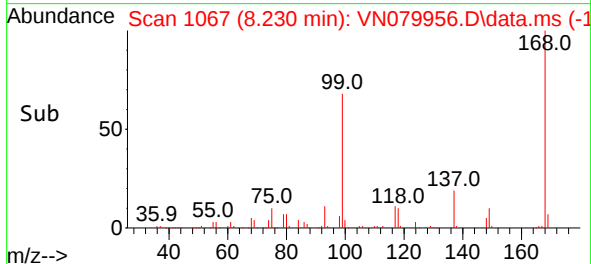
Instrument :
MSVOA_N
ClientSampleId :
1074



Tgt Ion:168 Resp: 324524
Ion Ratio Lower Upper
168 100
99 68.3 53.0 79.6

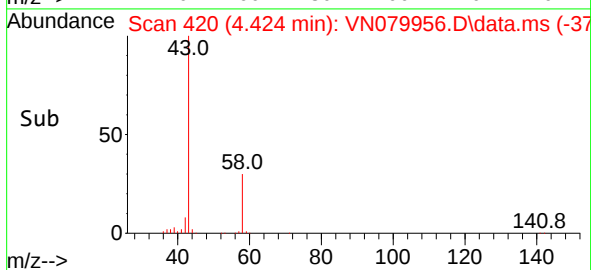
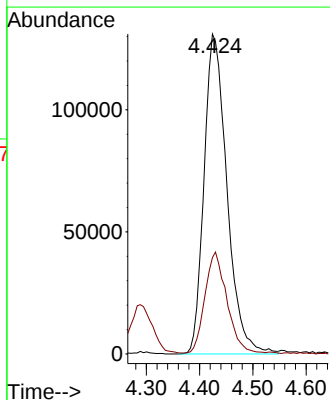
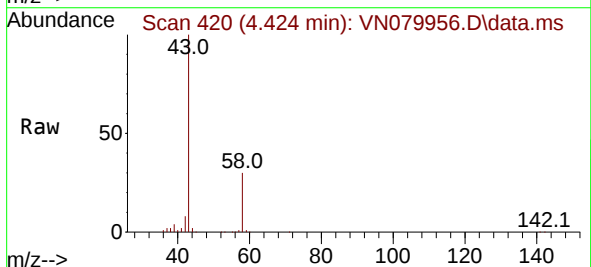
Manual Integrations
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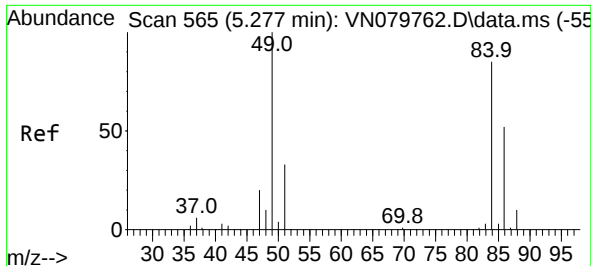
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#16
Acetone
Concen: 225.865 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

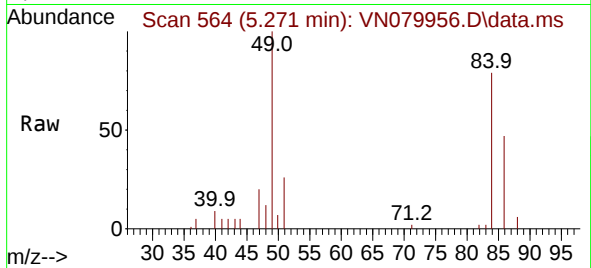
Tgt Ion: 43 Resp: 392263
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0





#20
Methylene Chloride
Concen: 6.060 ug/l
RT: 5.271 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

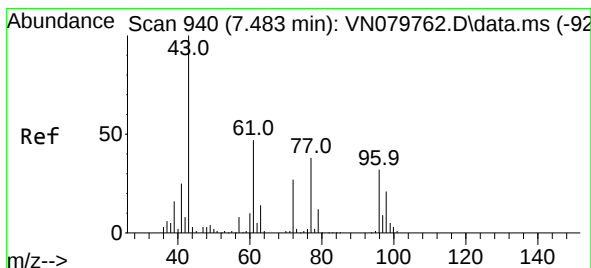
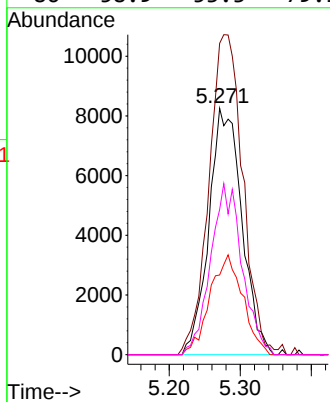
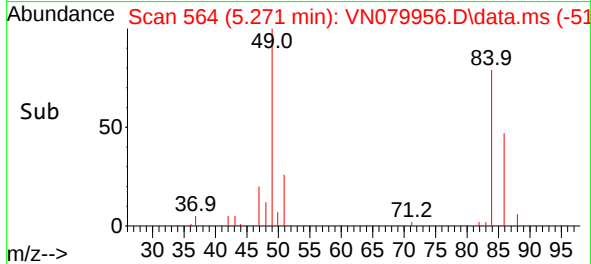
Instrument :
MSVOA_N
ClientSampleId :
1074



Tgt Ion: 84 Resp: 2655
Ion Ratio Lower Upper
84 100
49 126.4 79.7 119.5
51 32.4 25.2 37.8
86 58.9 53.3 79.9

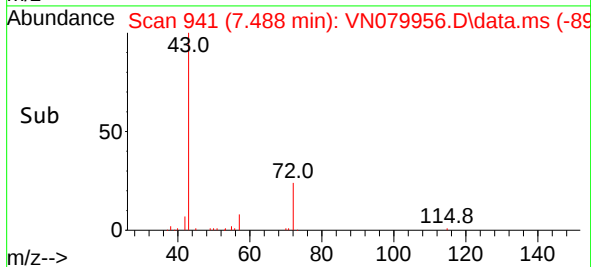
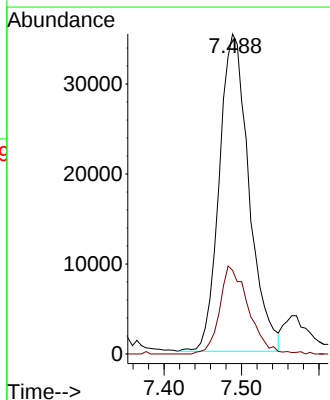
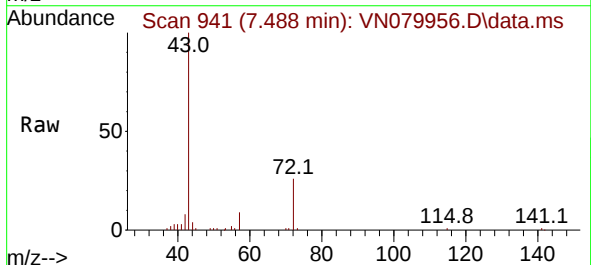
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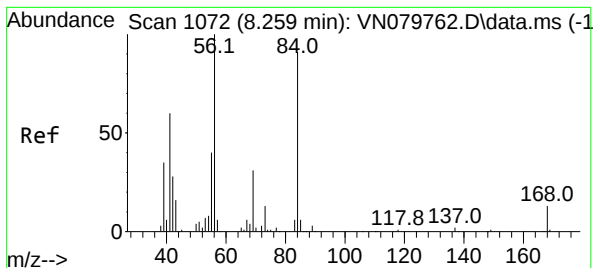
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#25
2-Butanone
Concen: 36.994 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Tgt Ion: 43 Resp: 94081
Ion Ratio Lower Upper
43 100
72 26.3 30.2 45.2#





#31

Cyclohexane

Concen: 3.459 ug/l m

RT: 8.265 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

Instrument :

MSVOA_N

ClientSampleId :

1074

Tgt Ion: 56 Resp: 2259

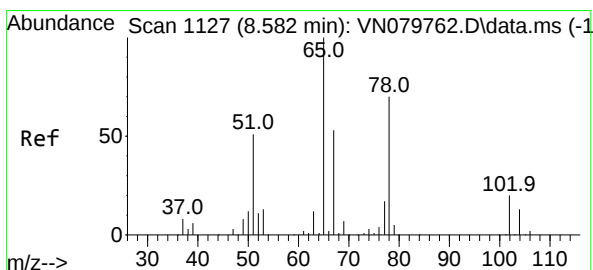
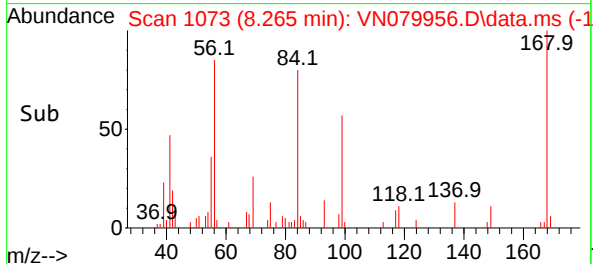
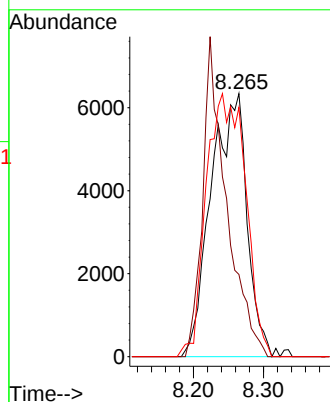
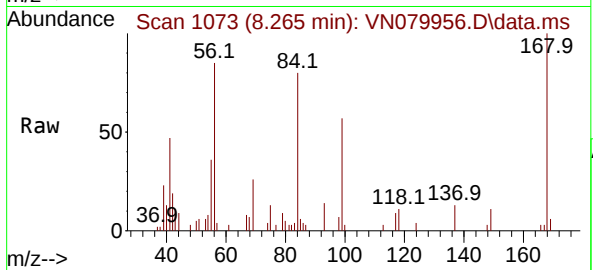
Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.8	40.2
84	94.7	81.8	122.6

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#33

1,2-Dichloroethane-d4

Concen: 53.895 ug/l

RT: 8.583 min Scan# 1127

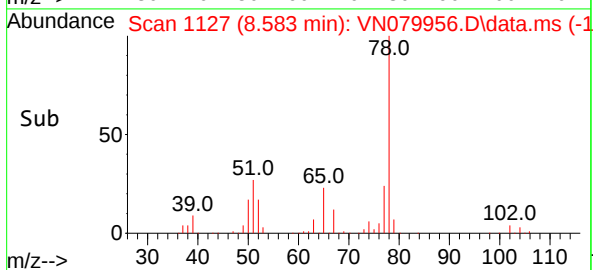
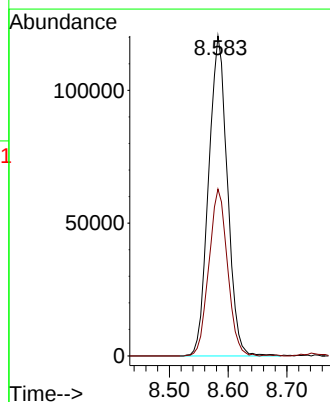
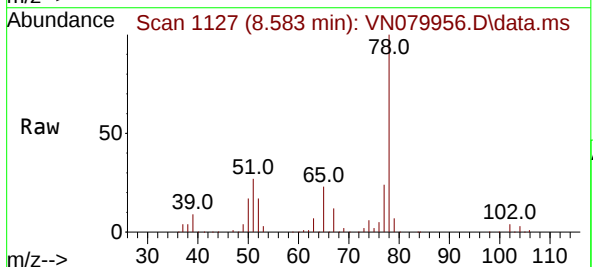
Delta R.T. 0.000 min

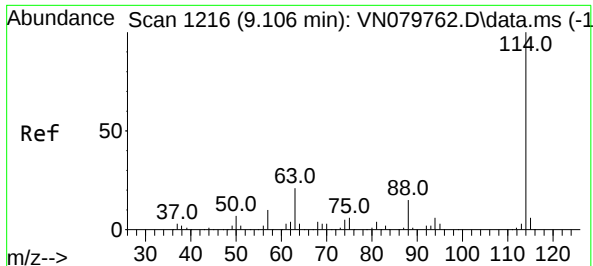
Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

Tgt Ion: 65 Resp: 266469

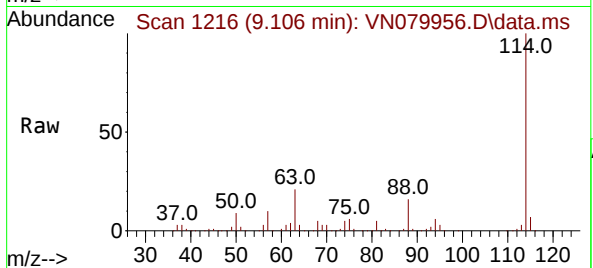
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11074
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

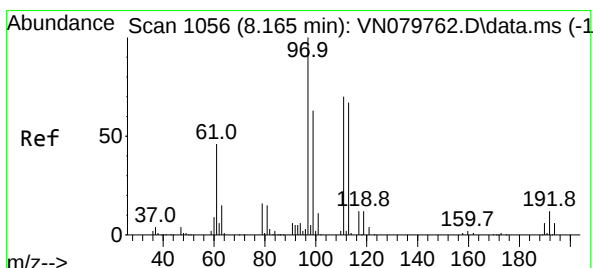
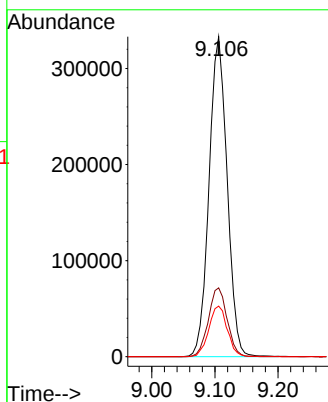
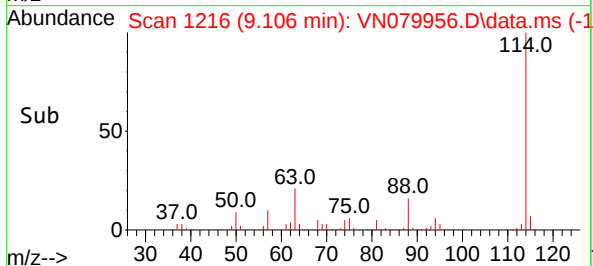
Instrument :
MSVOA_N
ClientSampleId :
1074



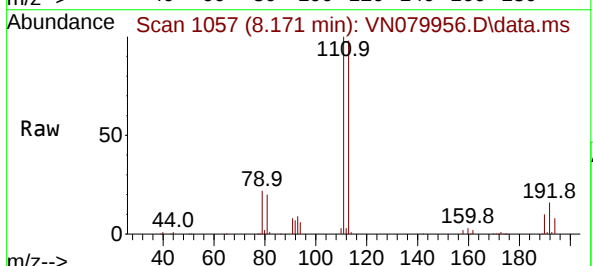
Tgt Ion:114 Resp: 662402
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.8 0.0 30.6

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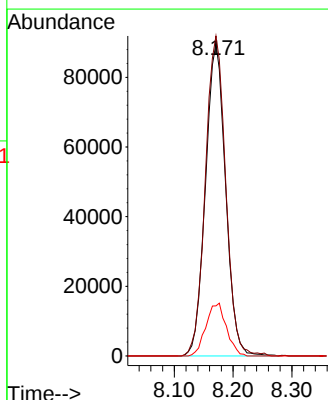
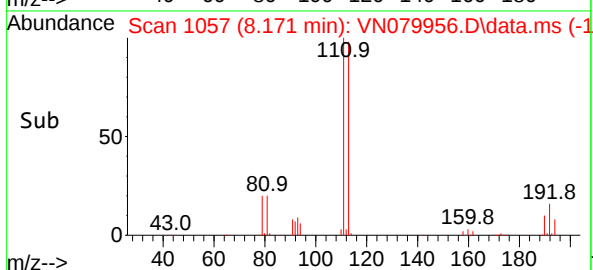
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

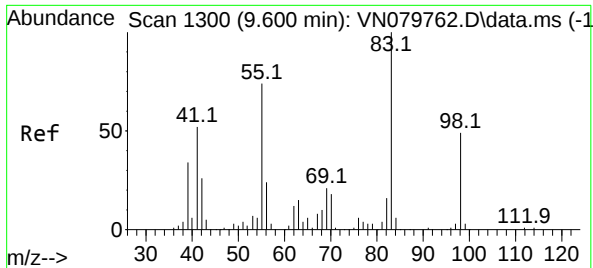


#35
Dibromofluoromethane
Concen: 45.499 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17



Tgt Ion:113 Resp: 213310
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.2 12.7 19.1





#39

Methylcyclohexane

Concen: 1.518 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

Instrument :

MSVOA_N

ClientSampleId :

1074

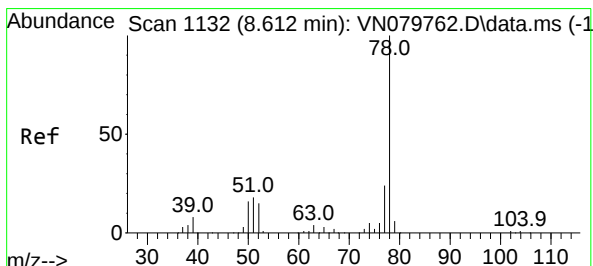
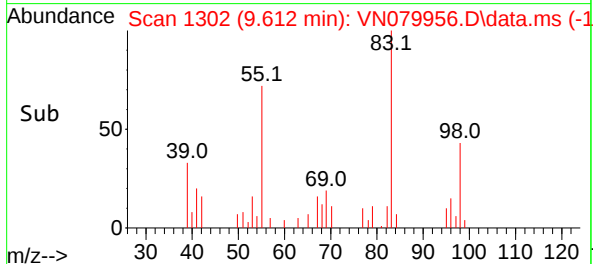
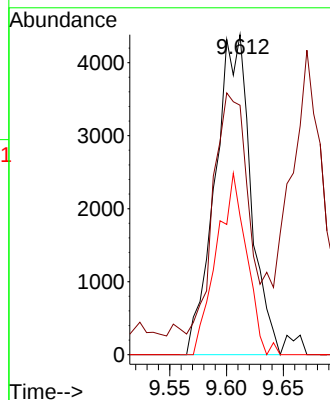
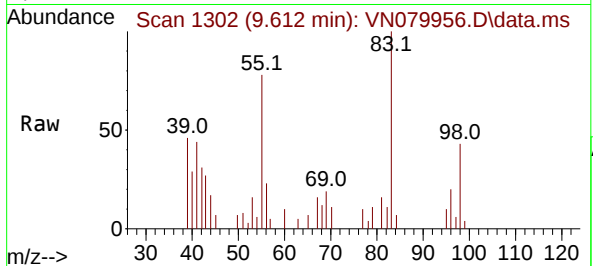
Tgt Ion:	83	Resp:	956
Ion Ratio	Lower	Upper	
83	100		
55	69.9	49.1	73.7
98	43.3	40.6	61.0

Manual Integrations

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Supervised By :Mahesh Dadoda 11/07/2023



#40

Benzene

Concen: 338.755 ug/l

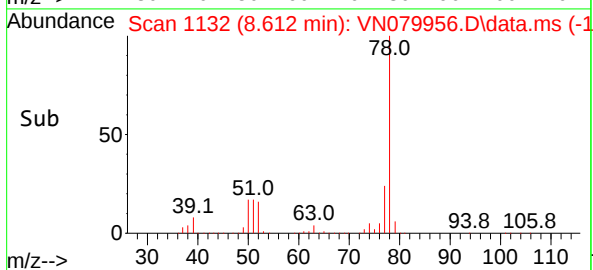
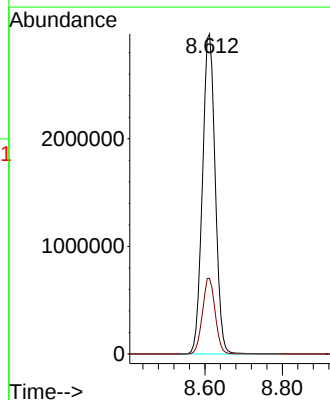
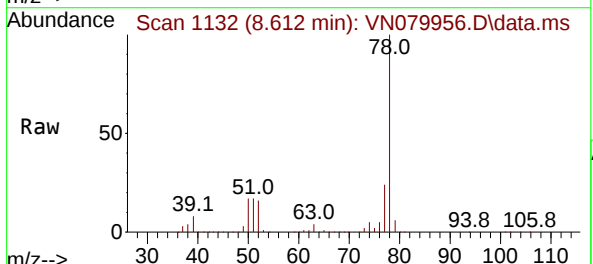
RT: 8.612 min Scan# 1132

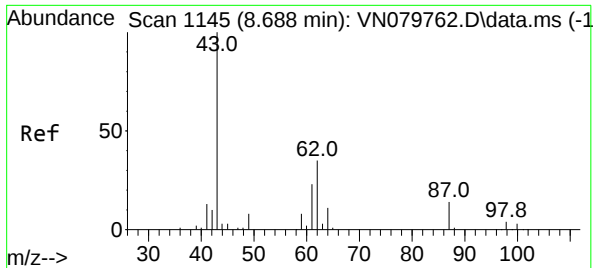
Delta R.T. 0.000 min

Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

Tgt Ion:	78	Resp:	6791860
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6





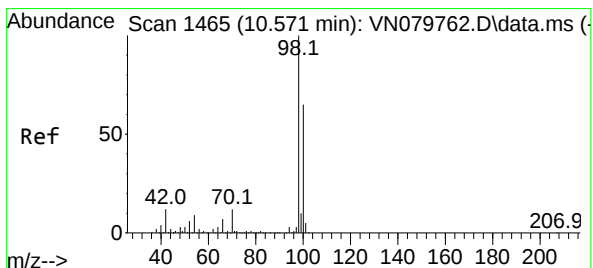
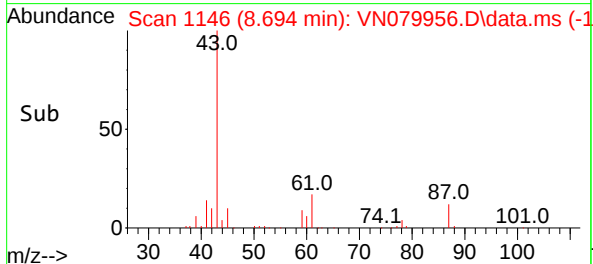
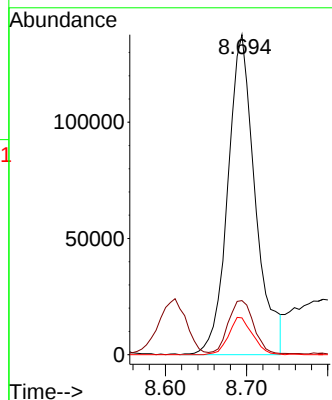
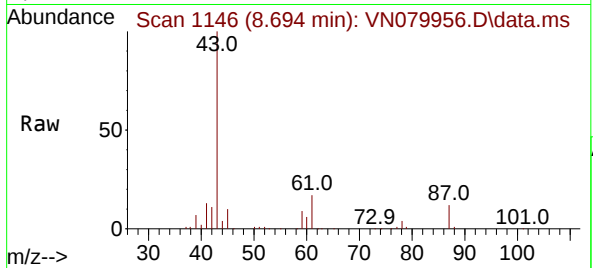
#43
Isopropyl Acetate
Concen: 30.121 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Instrument :
MSVOA_N
ClientSampleId :
1074

Tgt Ion: 43 Resp: 324292
Ion Ratio Lower Upper
43 100
61 15.5 24.7 37.1
87 10.1 14.6 21.8

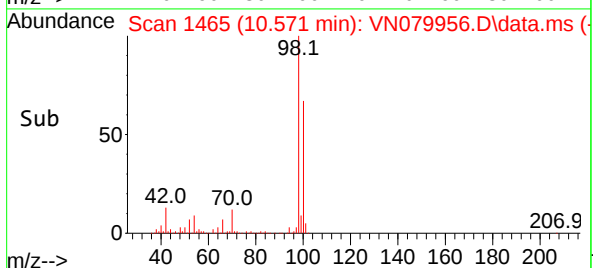
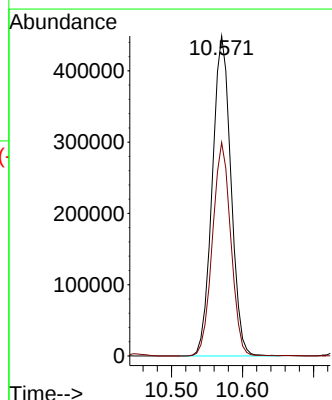
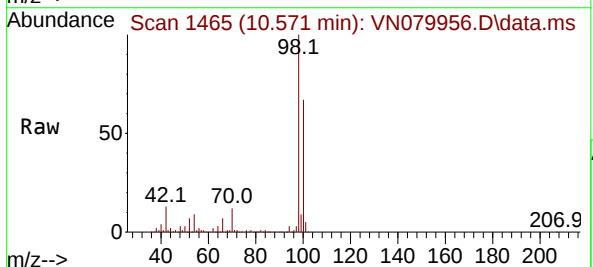
Manual Integrations
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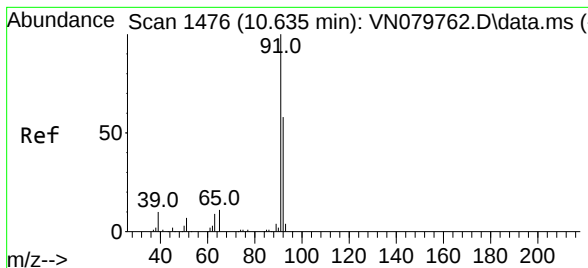
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#50
Toluene-d8
Concen: 47.375 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Tgt Ion: 98 Resp: 817637
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#52

Toluene

Concen: 292.345 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

Instrument :

MSVOA_N

ClientSampleId :

1074

Tgt Ion: 92 Resp: 347486

Ion Ratio Lower Upper

92 100

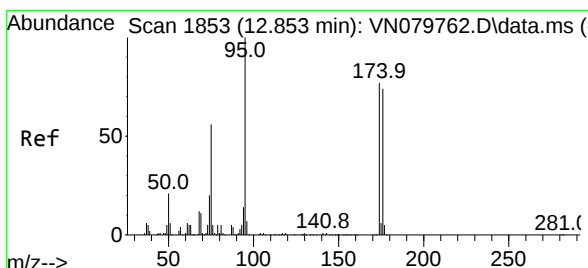
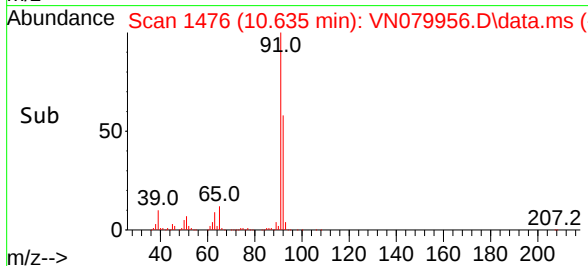
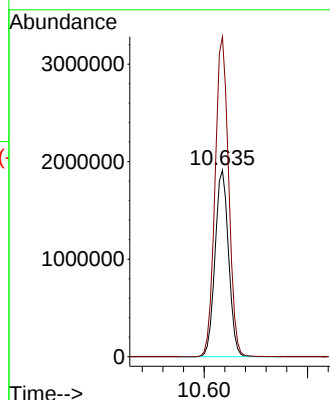
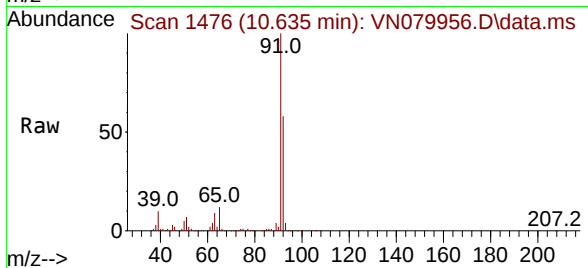
91 172.1 137.4 206.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 59.306 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

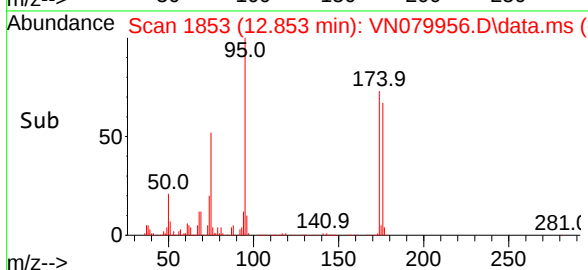
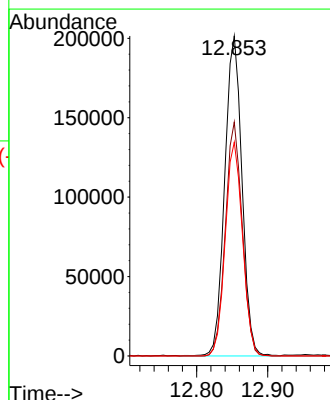
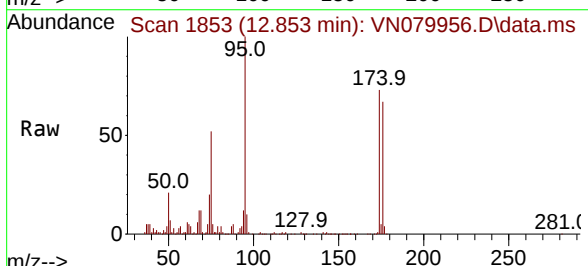
Tgt Ion: 95 Resp: 339463

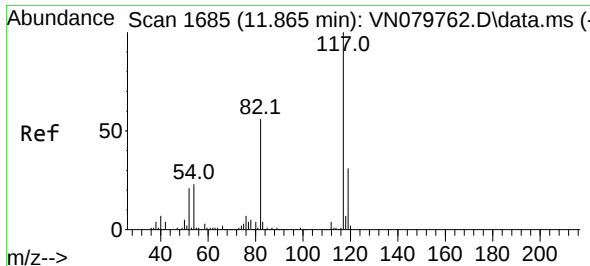
Ion Ratio Lower Upper

95 100

174 71.3 0.0 143.8

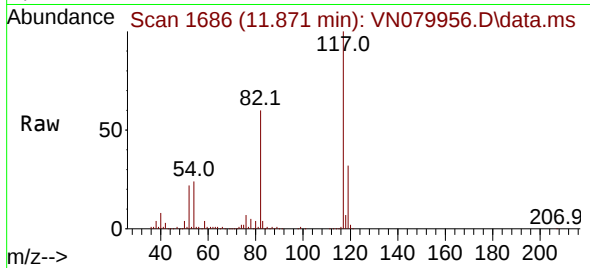
176 66.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11074
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

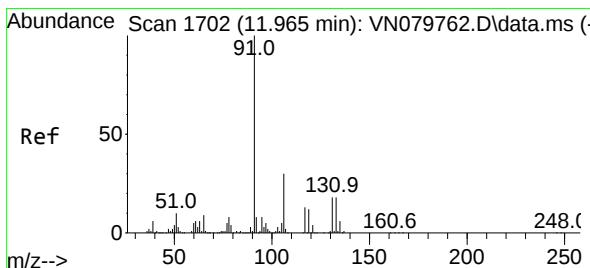
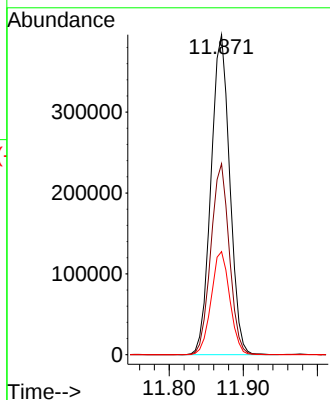
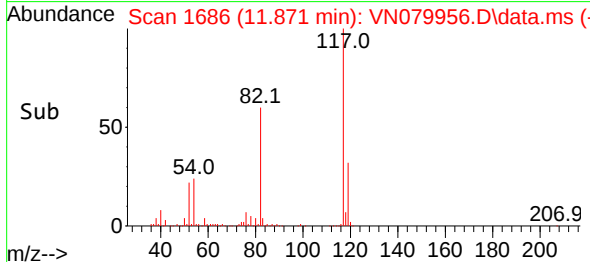
Instrument :
MSVOA_N
ClientSampleId :
1074



Tgt Ion:117 Resp: 695082
Ion Ratio Lower Upper
117 100
82 59.6 44.0 66.0
119 32.2 25.6 38.4

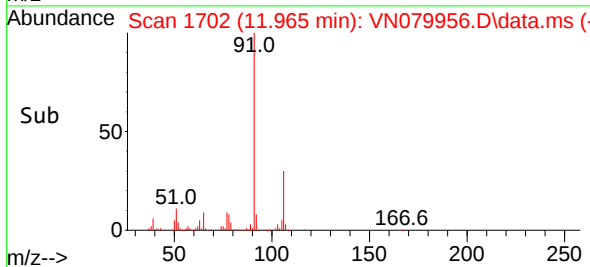
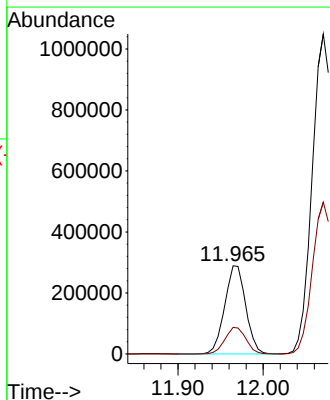
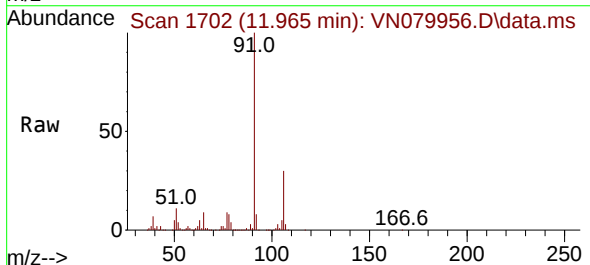
Manual Integrations
APPROVED

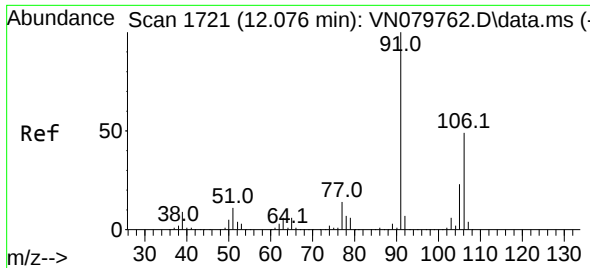
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#67
Ethyl Benzene
Concen: 18.853 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Tgt Ion: 91 Resp: 495240
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4





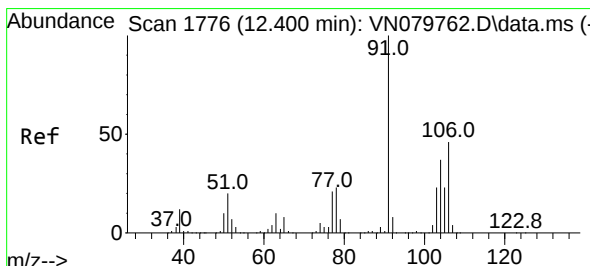
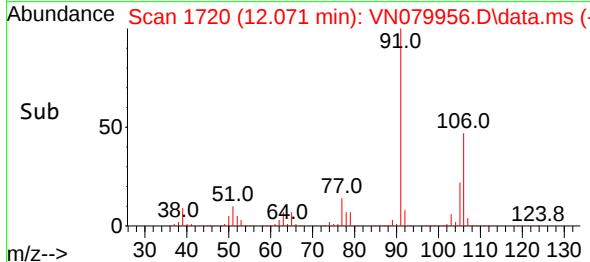
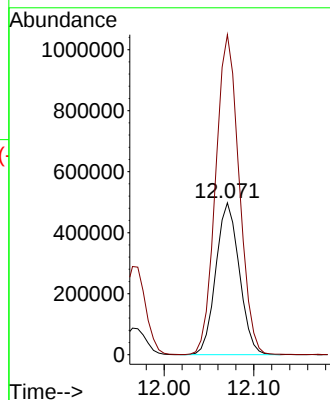
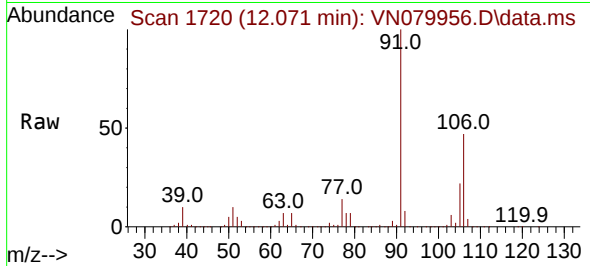
#68
m/p-Xylenes
Concen: 92.201 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Instrument :
MSVOA_N
ClientSampleId :
1074

Tgt Ion:106 Resp: 902248
Ion Ratio Lower Upper
106 100
91 211.3 159.6 239.4

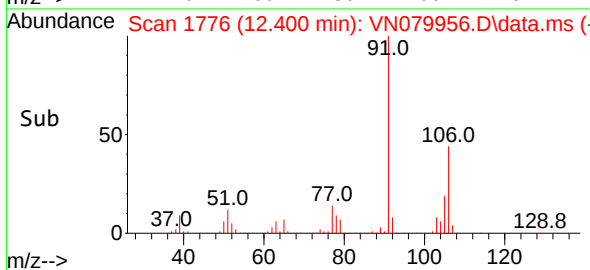
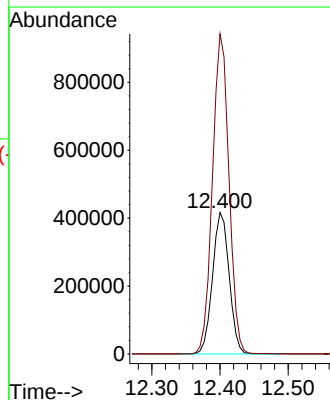
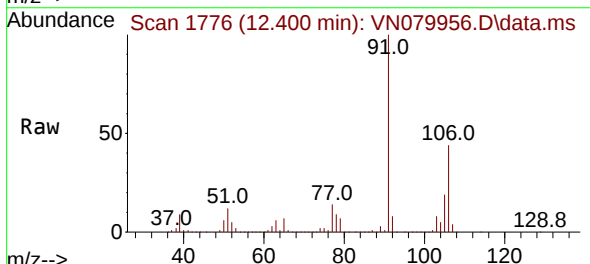
Manual Integrations
APPROVED

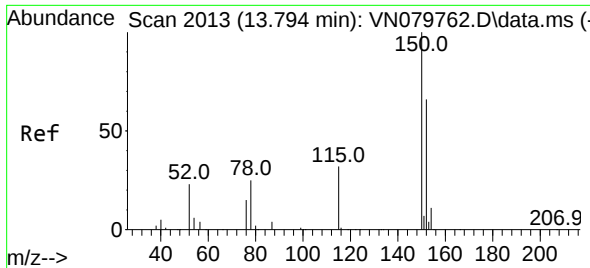
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#69
o-Xylene
Concen: 75.103 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

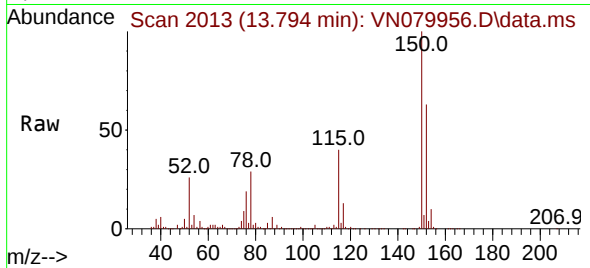
Tgt Ion:106 Resp: 707701
Ion Ratio Lower Upper
106 100
91 224.5 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

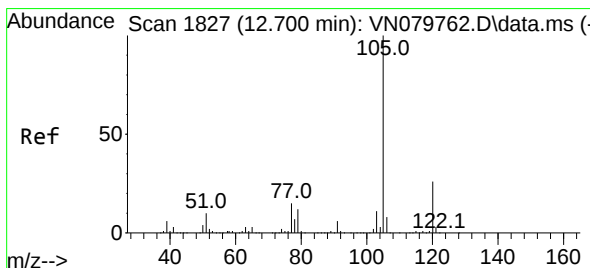
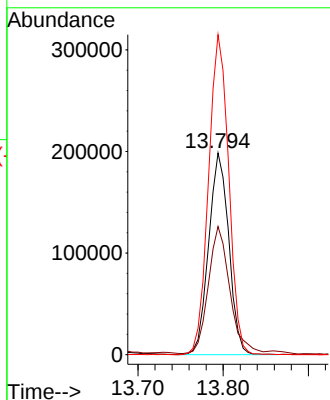
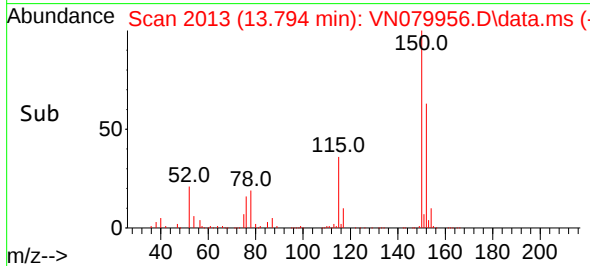
Instrument :
MSVOA_N
ClientSampleId :
1074



Tgt Ion:152 Resp: 32499
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 158.9 0.0 355.8

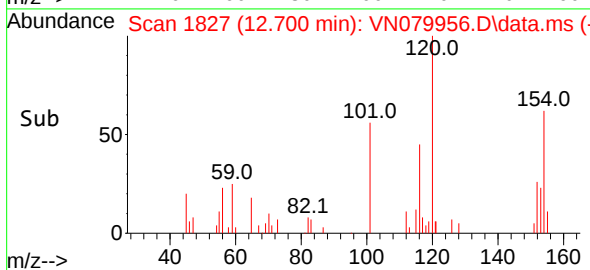
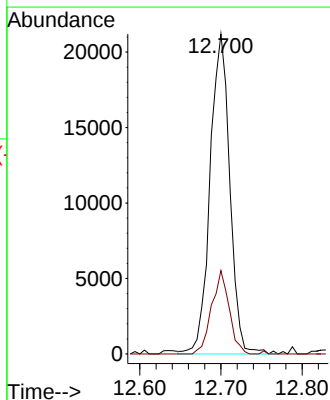
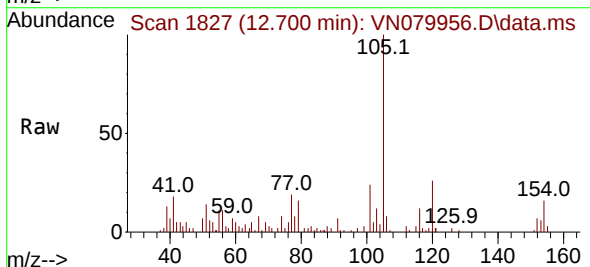
Manual Integrations
APPROVED

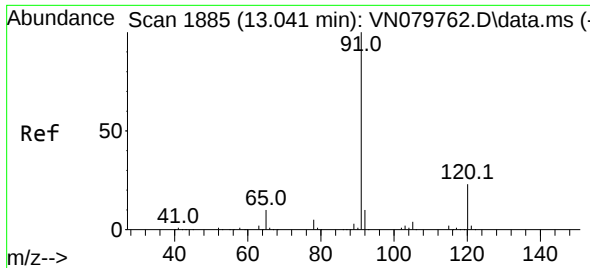
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#73
Isopropylbenzene
Concen: 1.453 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Tgt Ion:105 Resp: 35828
Ion Ratio Lower Upper
105 100
120 23.2 13.1 39.1





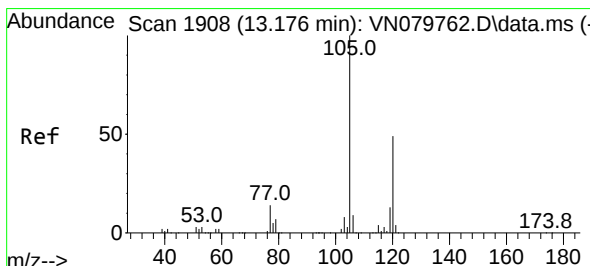
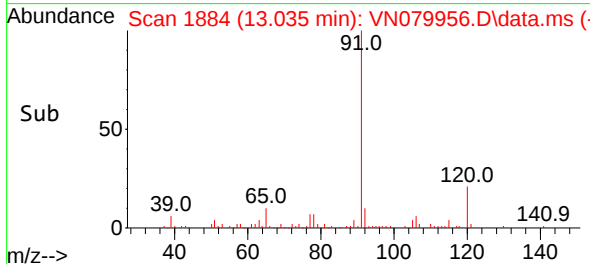
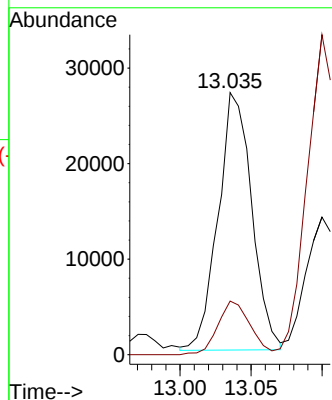
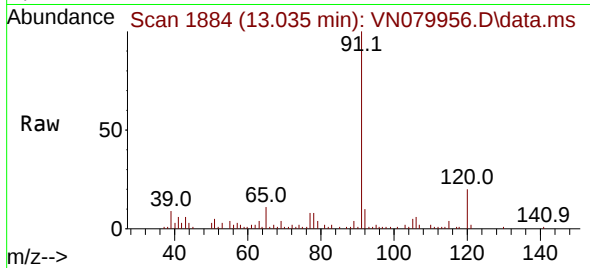
#78
n-propylbenzene
Concen: 1.575 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Instrument :
MSVOA_N
ClientSampleId :
1074

Tgt Ion: 91 Resp: 4448
Ion Ratio Lower Upper
91 100
120 19.9 11.5 34.4

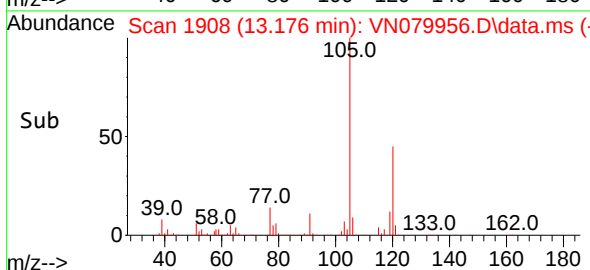
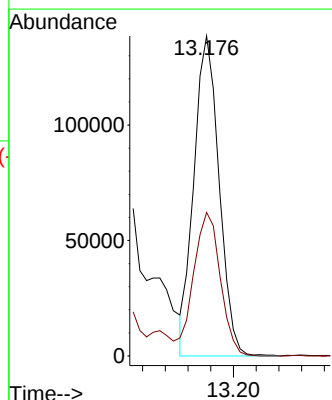
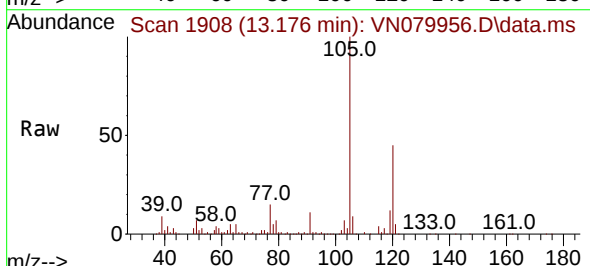
Manual Integrations
APPROVED

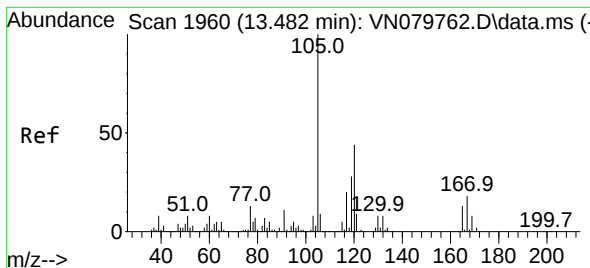
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 11.095 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079956.D
Acq: 07 Nov 2023 09:17

Tgt Ion:105 Resp: 212915
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 39.474 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

Instrument :

MSVOA_N

ClientSampleId :

1074

Tgt Ion:105 Resp: 74528

Ion Ratio Lower Upper

105 100

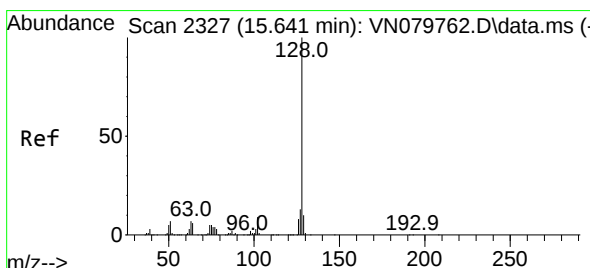
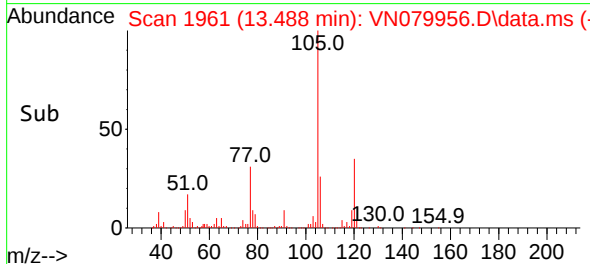
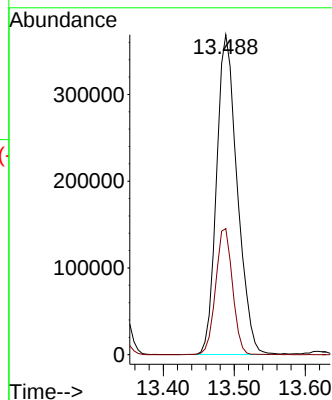
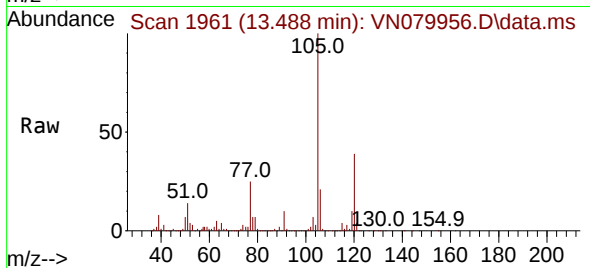
120 32.2 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#95

Naphthalene

Concen: 787.291 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN079956.D

Acq: 07 Nov 2023 09:17

Tgt Ion:128 Resp:13462588

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.2 8.7 13.1

