

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079521.D
 Acq On : 11 Oct 2023 16:48
 Operator : JC\MD
 Sample : 04823-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 06:11:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	466918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	876213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	849888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	347434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	360790	47.656	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.320%		
35) Dibromofluoromethane	8.171	113	299797	47.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.220%		
50) Toluene-d8	10.571	98	1044694	45.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.700%		
62) 4-Bromofluorobenzene	12.853	95	412993	56.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.960%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	4623885	1539.859	ug/l #	71
18) Methyl Acetate	5.042	43	16786	1.142	ug/l #	83
25) 2-Butanone	7.489	43	137838	30.928	ug/l #	84
40) Benzene	8.612	78	1137657	40.534	ug/l	100
52) Toluene	10.635	92	1190693	72.071	ug/l	98
59) 2-Hexanone	11.206	43	48961m	7.296	ug/l	
67) Ethyl Benzene	11.965	91	324924	9.877	ug/l	94
68) m/p-Xylenes	12.071	106	443949	37.141	ug/l	92
69) o-Xylene	12.400	106	190565	16.211	ug/l	91
70) Styrene	12.418	104	111532	6.007	ug/l #	73
73) Isopropylbenzene	12.700	105	18626	0.576	ug/l	97
78) n-propylbenzene	13.041	91	39524	1.081	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	61567	2.416	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	206385	8.485	ug/l	98
95) Naphthalene	15.647	128	3078966	265.508	ug/l	99

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

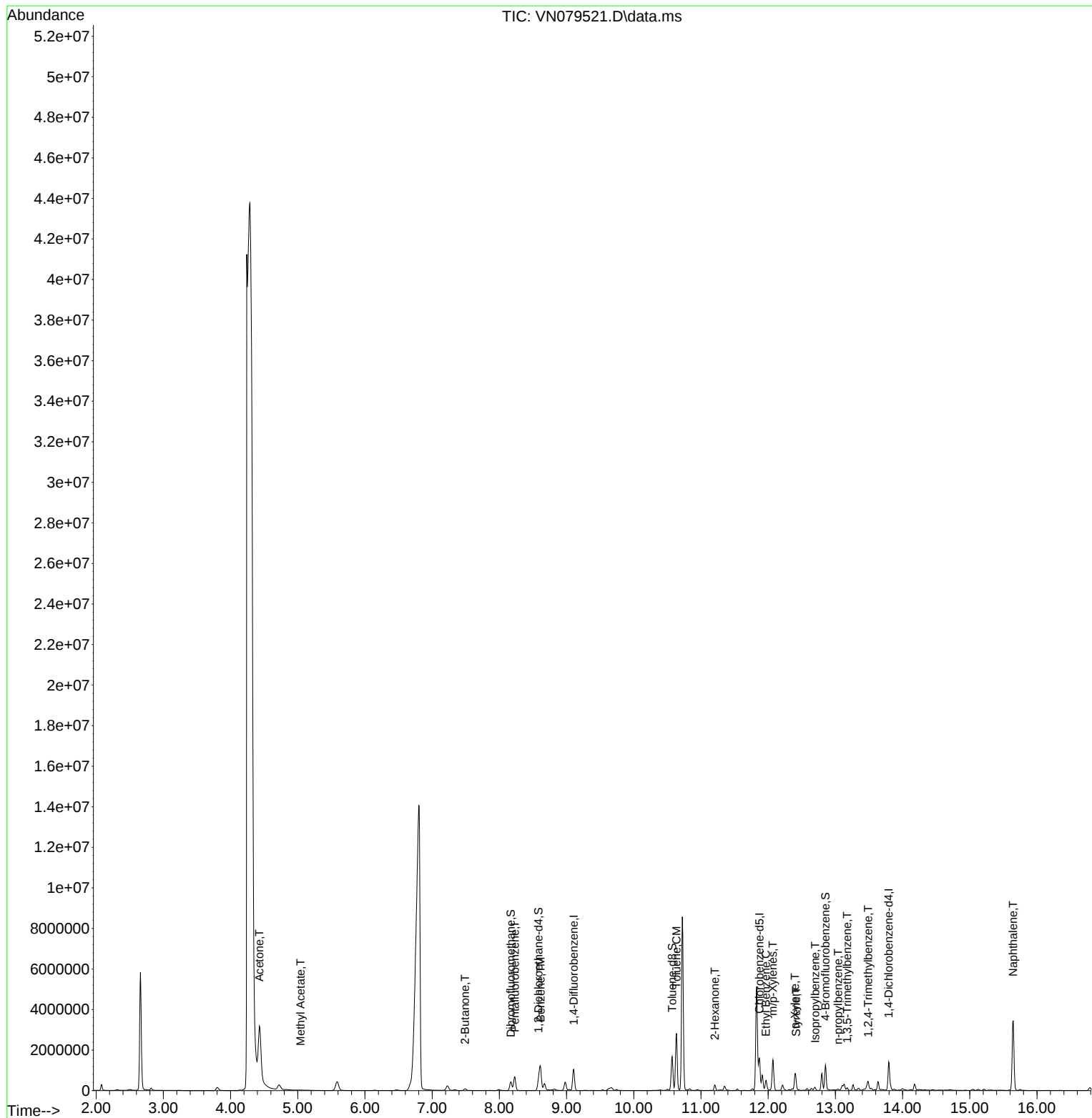
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
Data File : VN079521.D
Acq On : 11 Oct 2023 16:48
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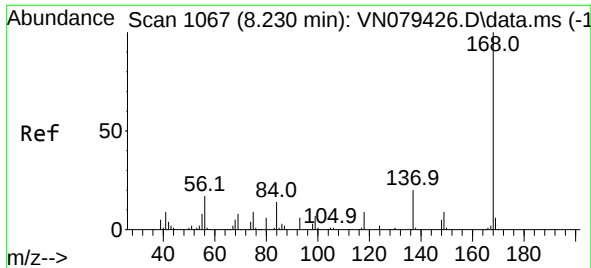
Instrument :
MSVOA_N
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TOTES-3

Quant Time: Oct 12 06:11:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
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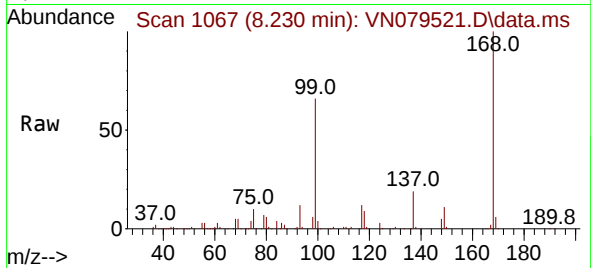
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

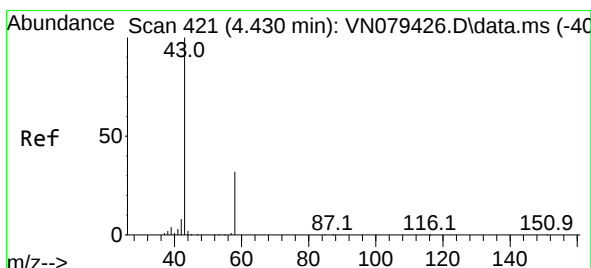
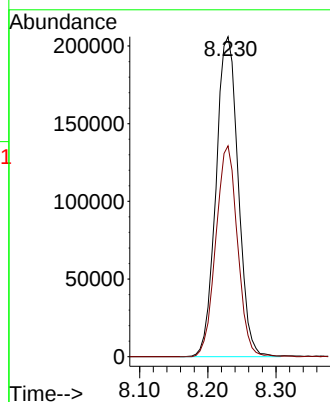
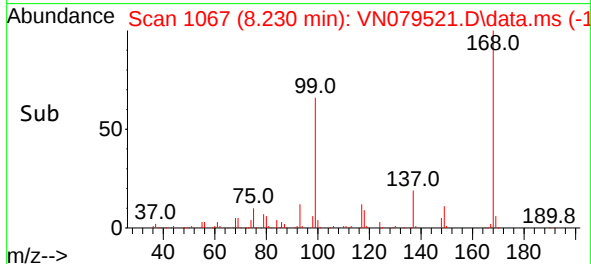
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3



Tgt Ion:168 Resp: 466918
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6

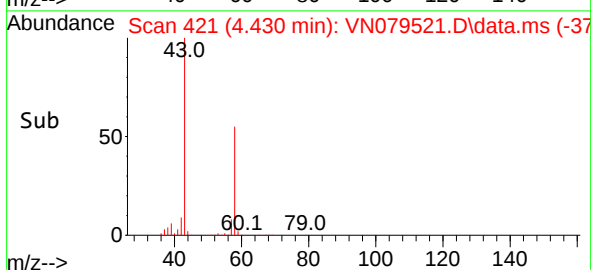
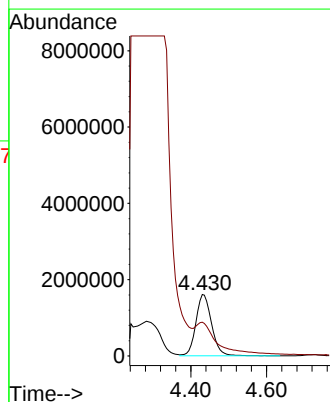
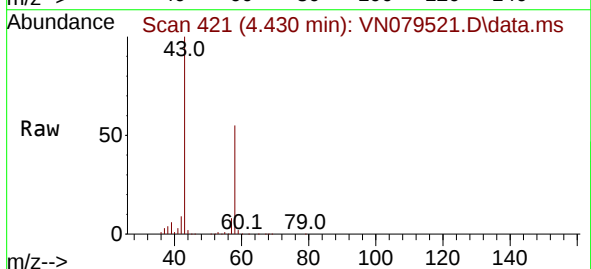
Manual Integrations
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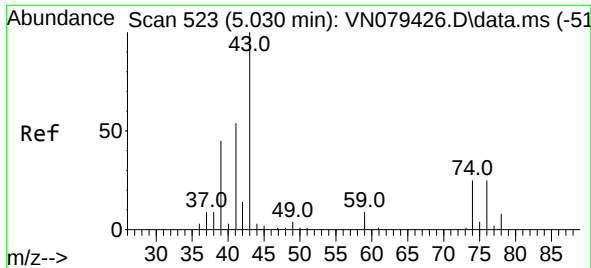
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 1539.859 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

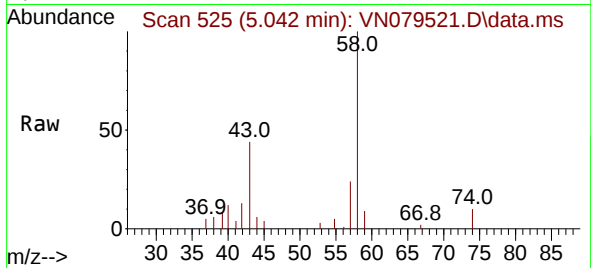
Tgt Ion: 43 Resp: 4623885
Ion Ratio Lower Upper
43 100
58 51.9 28.0 42.0#





#18
Methyl Acetate
Concen: 1.142 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

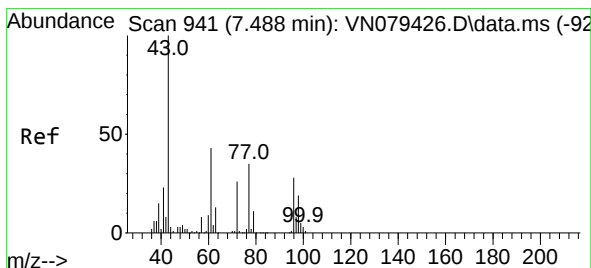
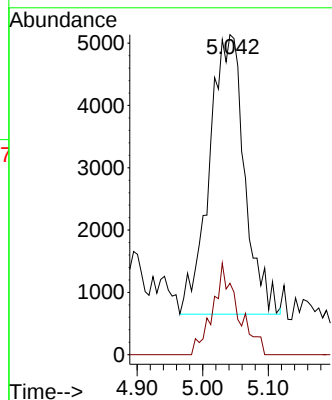
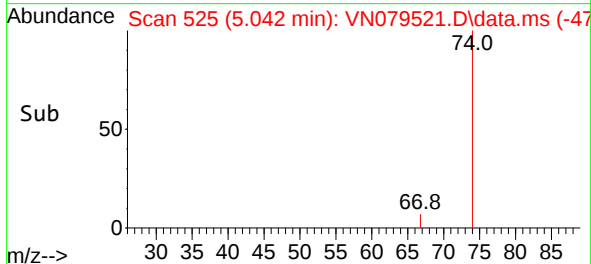
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3



Tgt Ion: 43 Resp: 16780
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4

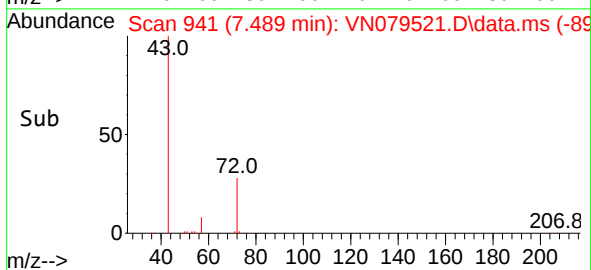
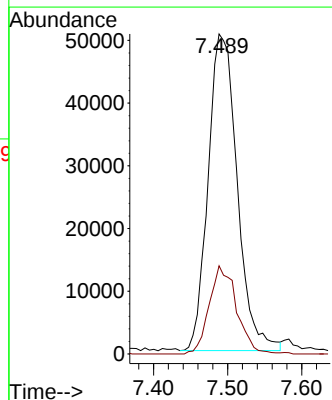
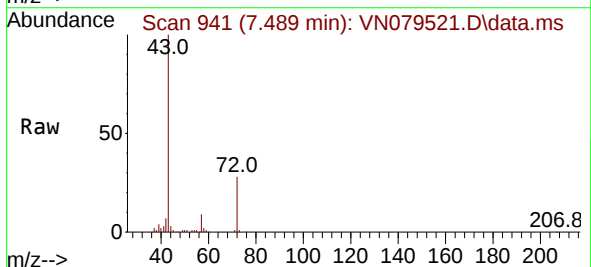
Manual Integrations
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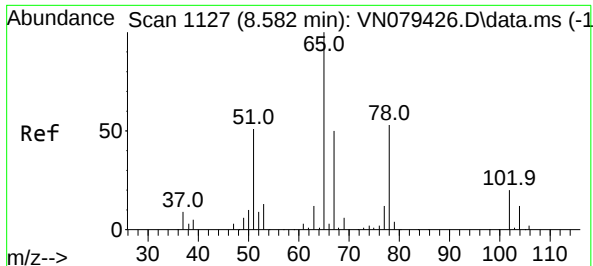
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#25
2-Butanone
Concen: 30.928 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

Tgt Ion: 43 Resp: 137838
Ion Ratio Lower Upper
43 100
72 27.9 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 47.656 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079521.D

Acq: 11 Oct 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

TOTES-3

Tgt Ion: 65 Resp: 360790

Ion Ratio Lower Upper

65 100

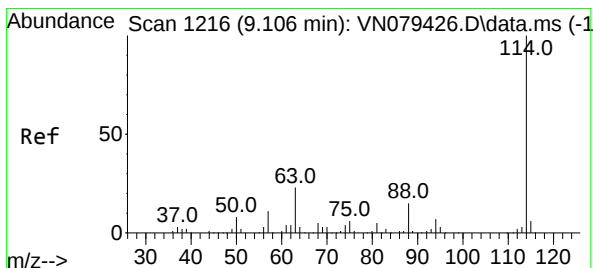
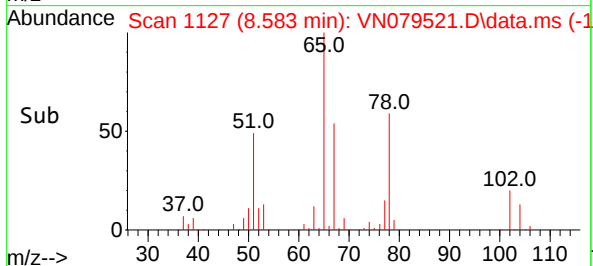
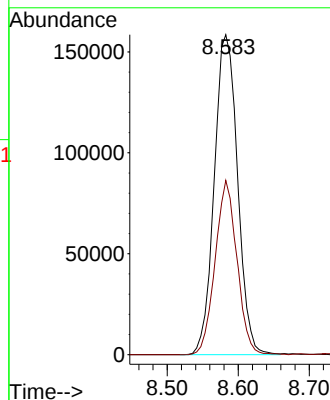
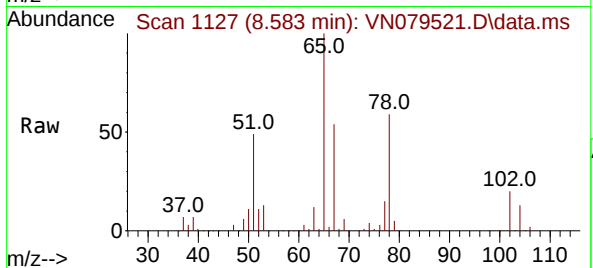
67 51.0 0.0 106.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079521.D

Acq: 11 Oct 2023 16:48

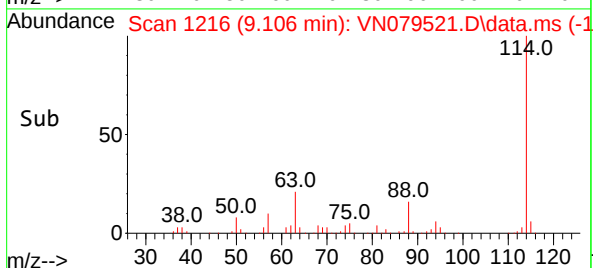
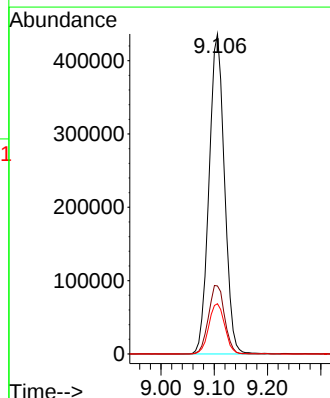
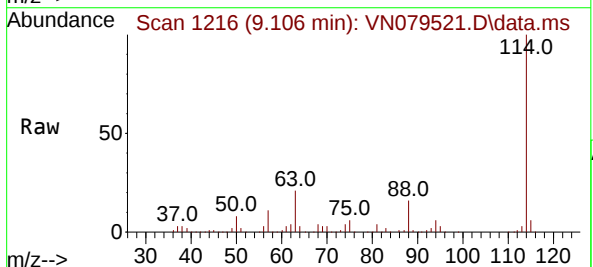
Tgt Ion:114 Resp: 876213

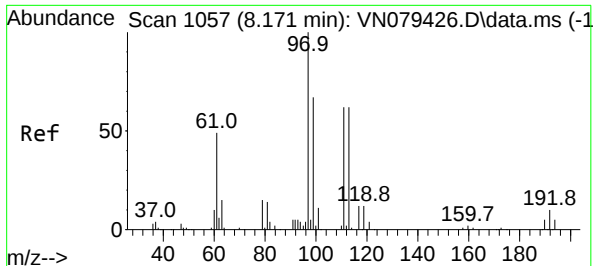
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.611 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079521.D

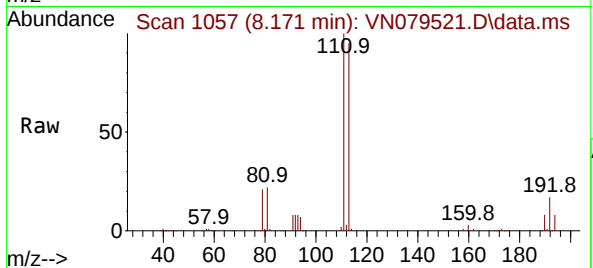
Acq: 11 Oct 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

TOTES-3



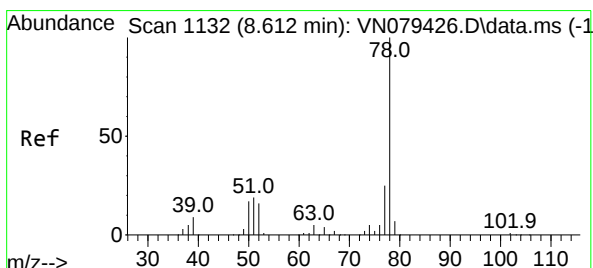
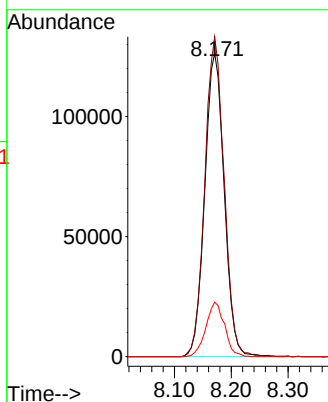
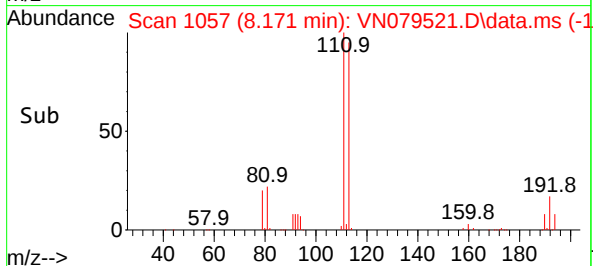
Tgt Ion:	113	Resp:	29979
Ion Ratio	Lower	Upper	
113	100		
111	104.7	82.6	123.8
192	17.3	12.7	19.1

Manual Integrations

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Supervised By :Mahesh Dadoda 10/12/2023



#40

Benzene

Concen: 40.534 ug/l

RT: 8.612 min Scan# 1132

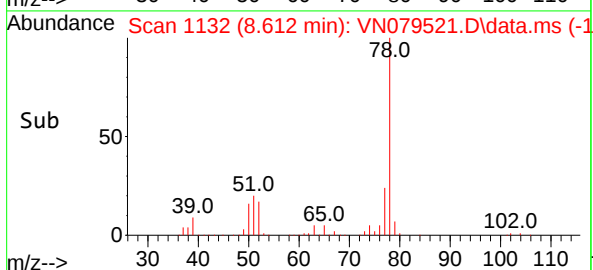
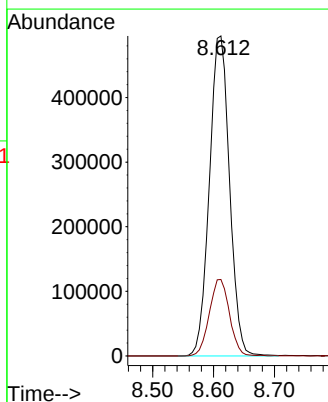
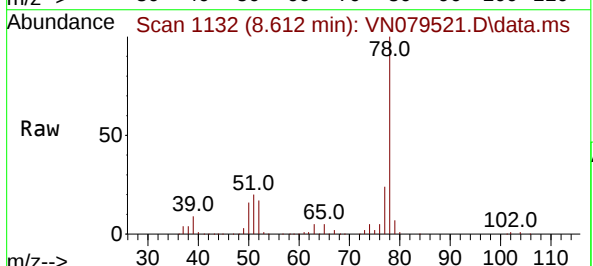
Delta R.T. 0.000 min

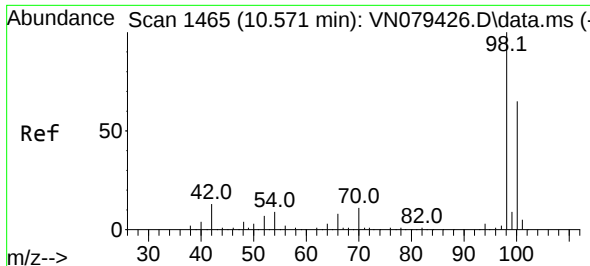
Lab File: VN079521.D

Acq: 11 Oct 2023 16:48

Tgt Ion: 78 Resp: 1137657

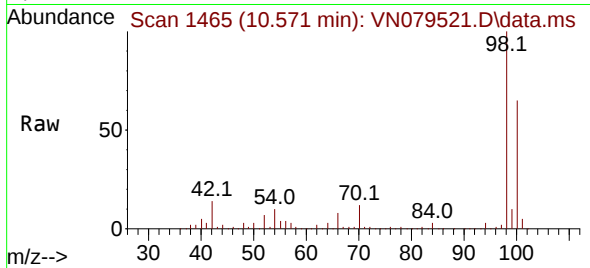
Ion Ratio	Lower	Upper
78	100	
77	23.9	19.0 28.6





#50
Toluene-d8
Concen: 45.853 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

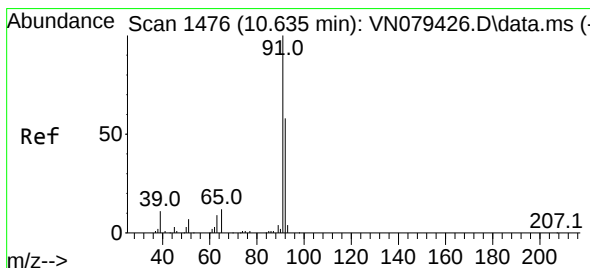
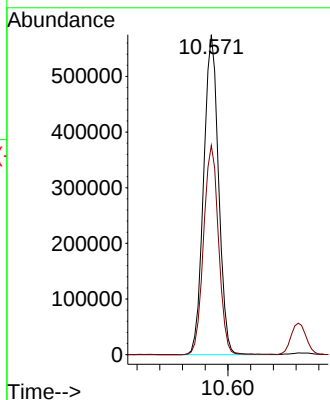
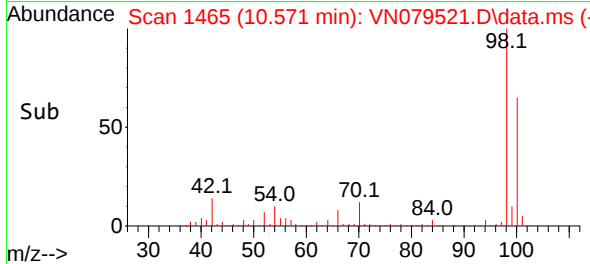
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3



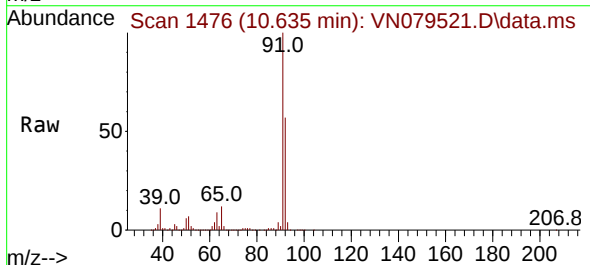
Tgt Ion: 98 Resp: 1044694
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

Manual Integrations
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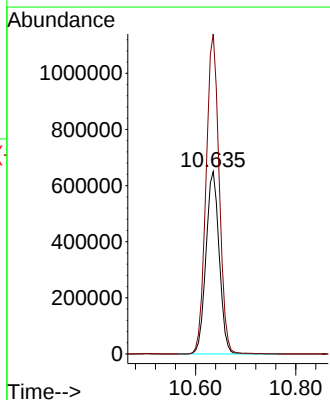
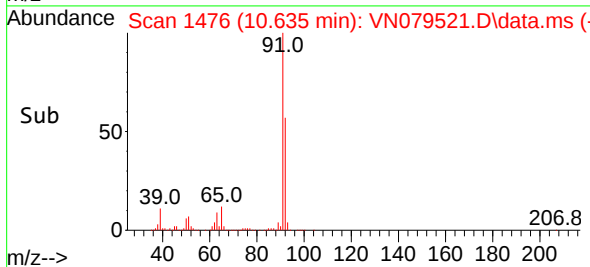
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

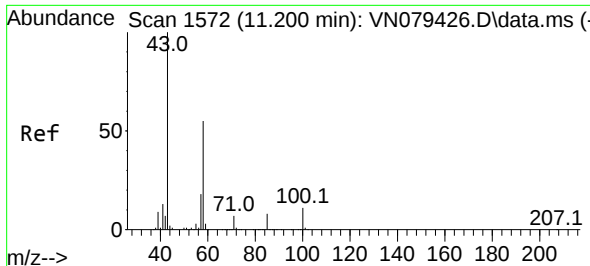


#52
Toluene
Concen: 72.071 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48



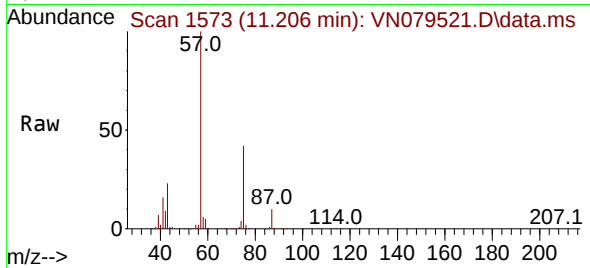
Tgt Ion: 92 Resp: 1190693
Ion Ratio Lower Upper
92 100
91 174.1 137.4 206.0





#59
2-Hexanone
Concen: 7.296 ug/l m
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

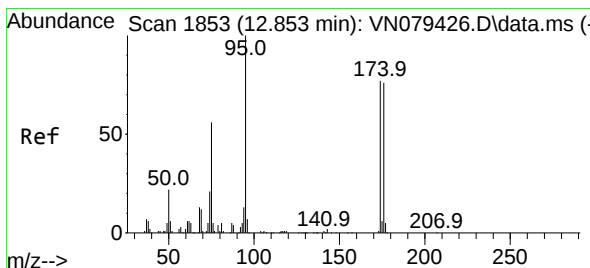
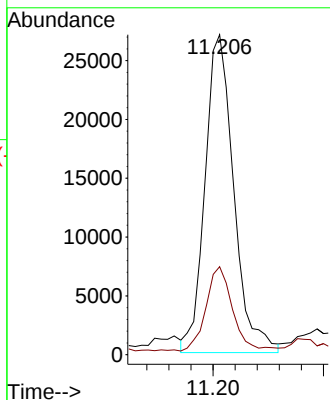
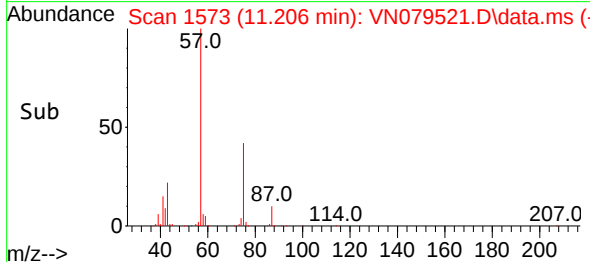
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3



Tgt Ion: 43 Resp: 4896
Ion Ratio Lower Upper
43 100
58 4.9 31.7 95.1

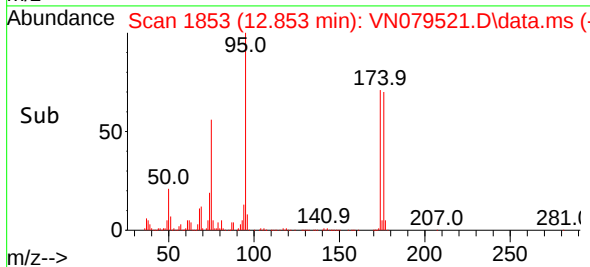
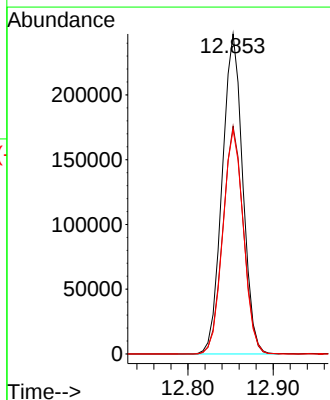
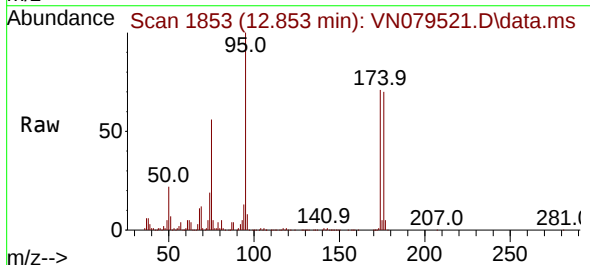
Manual Integrations
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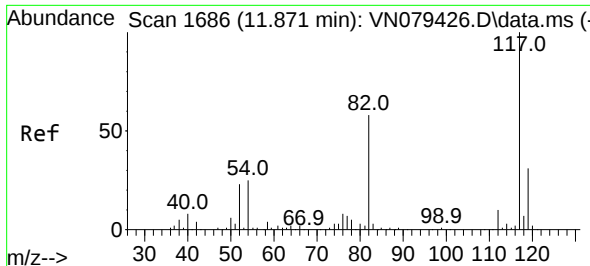
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#62
4-Bromofluorobenzene
Concen: 56.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

Tgt Ion: 95 Resp: 412993
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 70.2 0.0 135.8





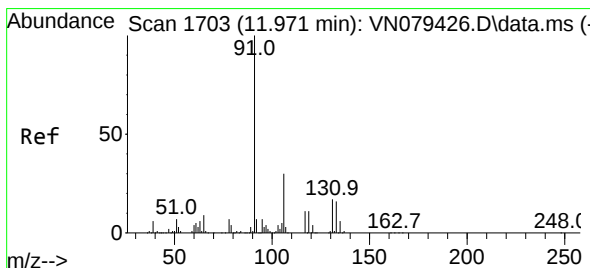
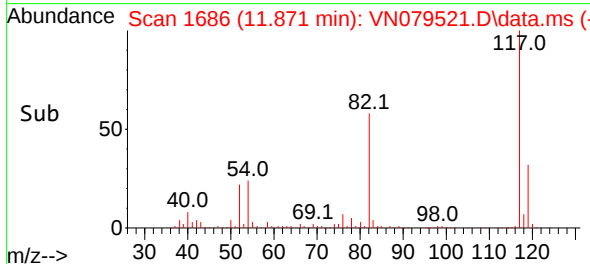
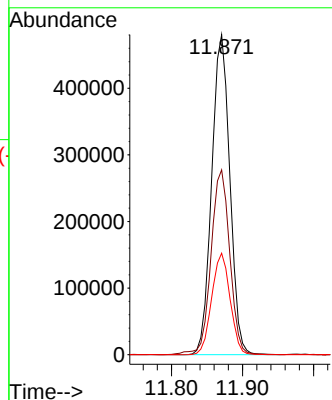
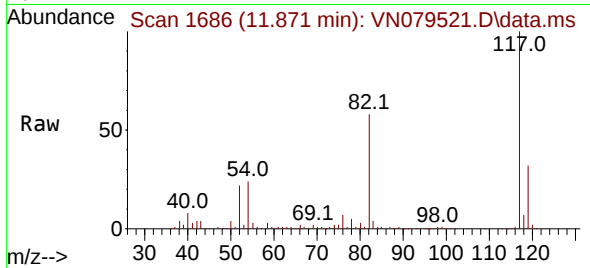
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :
TOTES-3

Tgt Ion:117 Resp: 849888
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.7 25.6 38.4

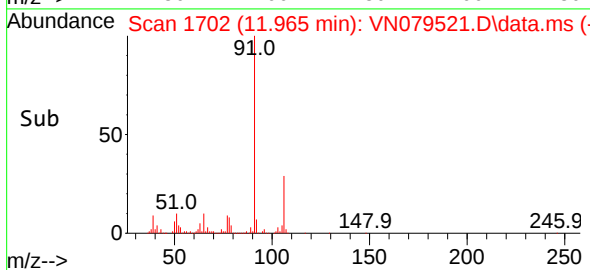
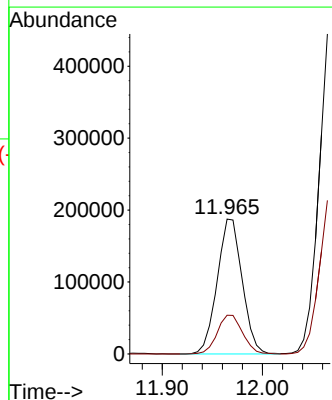
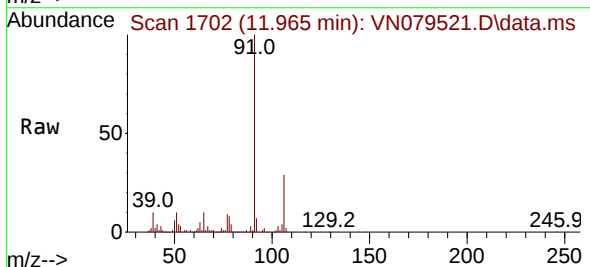
Manual Integrations
APPROVED

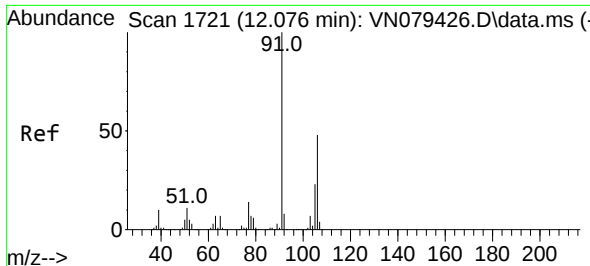
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#67
Ethyl Benzene
Concen: 9.877 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

Tgt Ion: 91 Resp: 324924
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4





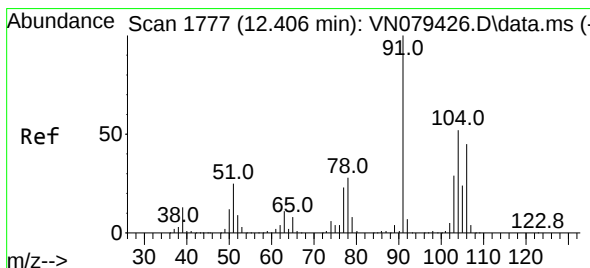
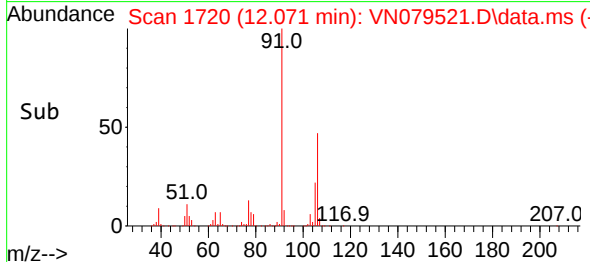
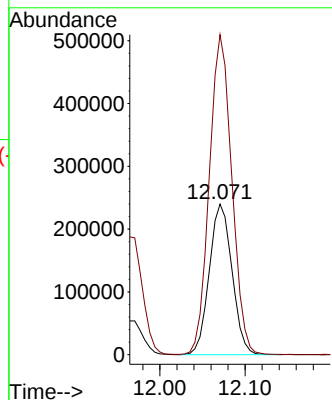
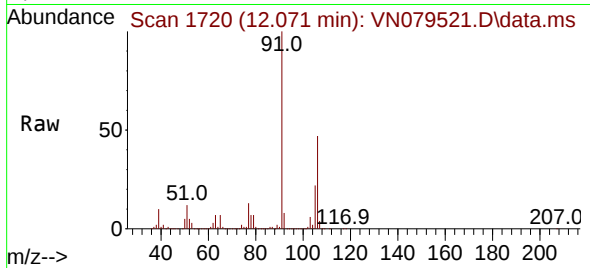
#68
m/p-Xylenes
Concen: 37.141 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :
TOTES-3

Tgt Ion:106 Resp: 443949
Ion Ratio Lower Upper
106 100
91 211.2 159.6 239.4

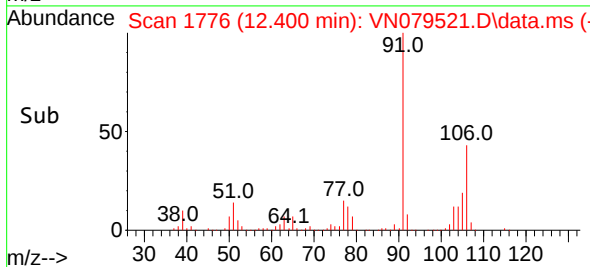
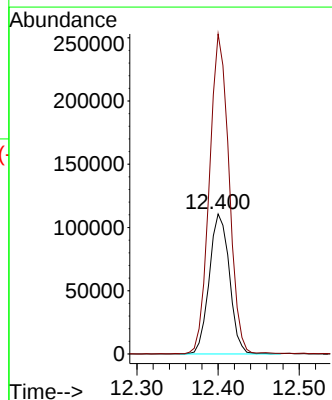
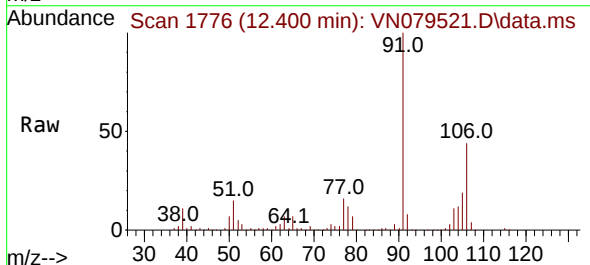
Manual Integrations
APPROVED

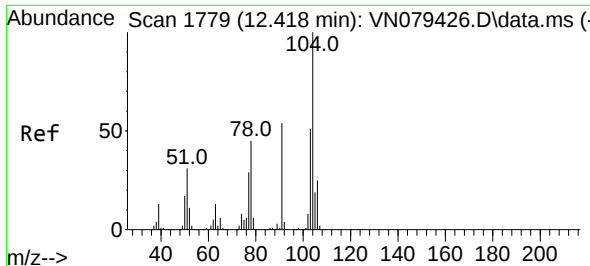
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#69
o-Xylene
Concen: 16.211 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

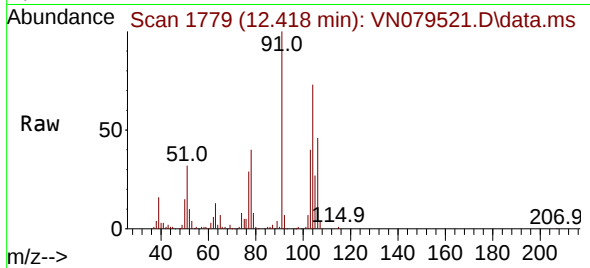
Tgt Ion:106 Resp: 190565
Ion Ratio Lower Upper
106 100
91 223.8 105.2 315.5





#70
Styrene
Concen: 6.007 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

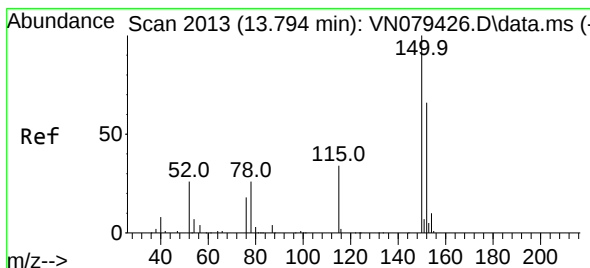
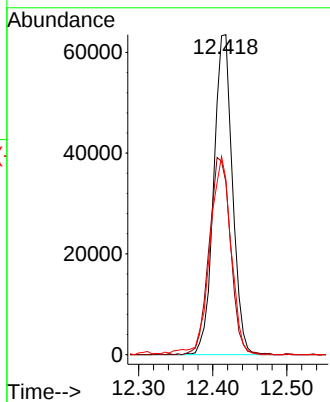
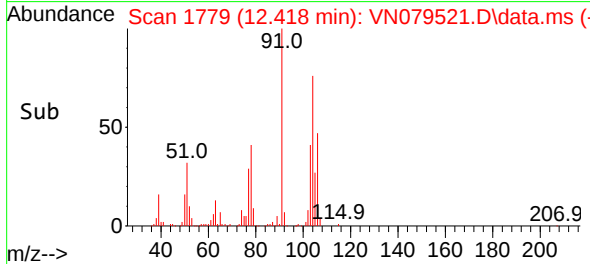
Instrument :
MSVOA_N
ClientSampleId :
TOTES-3



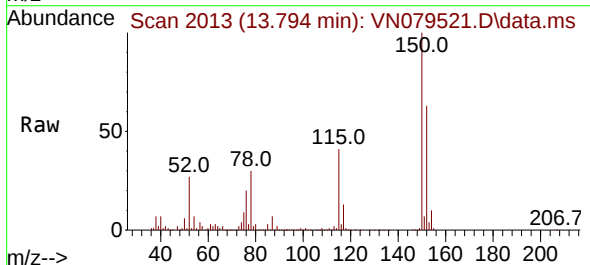
Tgt Ion:104 Resp: 11153
Ion Ratio Lower Upper
104 100
78 70.6 39.5 59.3
103 70.2 43.2 64.8

Manual Integrations
APPROVED

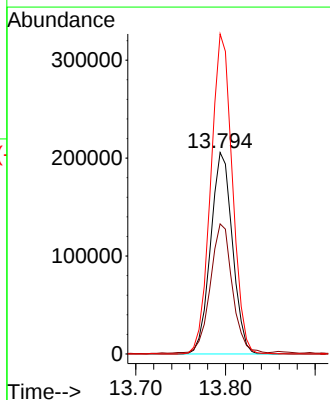
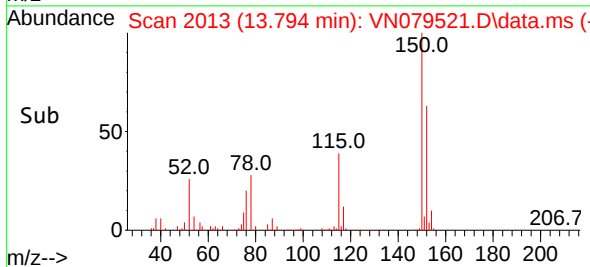
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

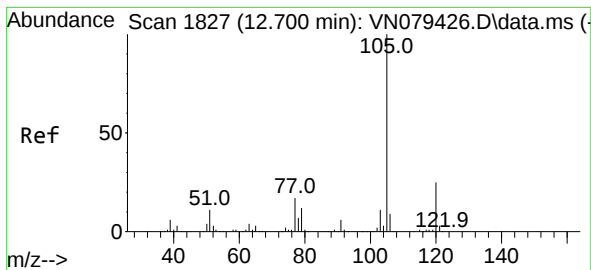


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48



Tgt Ion:152 Resp: 347434
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 157.1 0.0 355.8





#73

Isopropylbenzene

Concen: 0.576 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079521.D

Acq: 11 Oct 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

TOTES-3

Tgt Ion:105 Resp: 18620

Ion Ratio Lower Upper

105 100

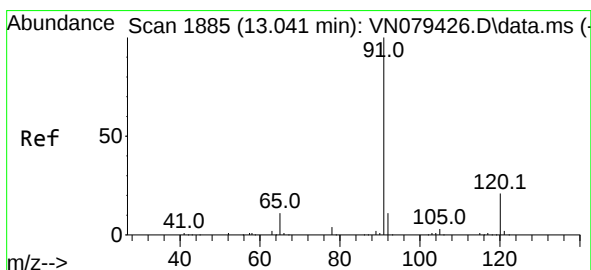
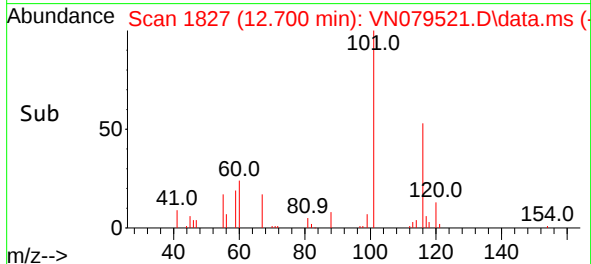
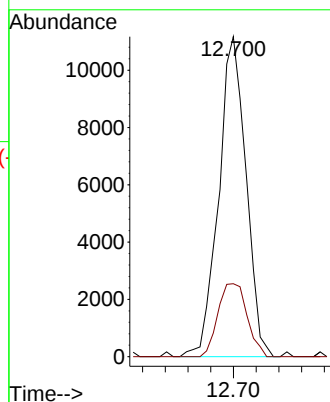
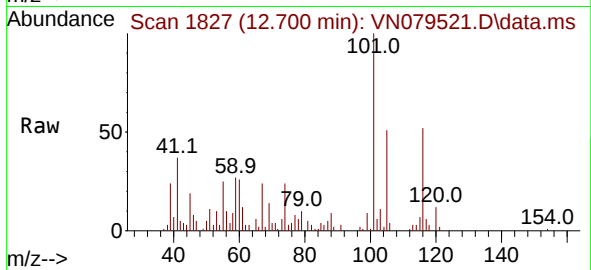
120 24.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#78

n-propylbenzene

Concen: 1.081 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079521.D

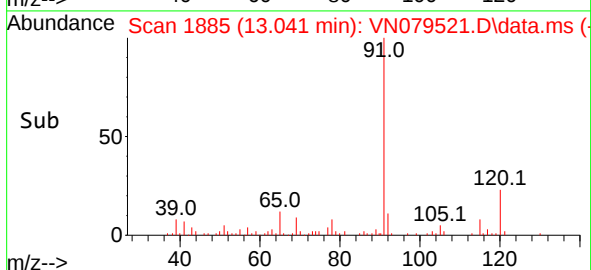
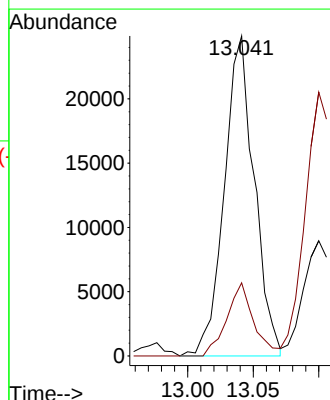
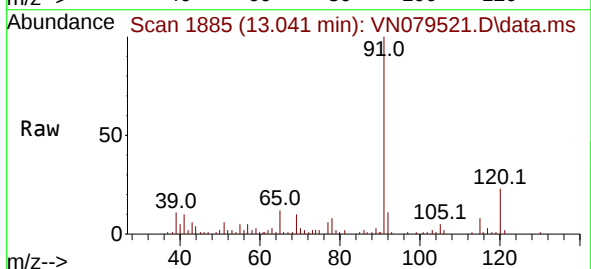
Acq: 11 Oct 2023 16:48

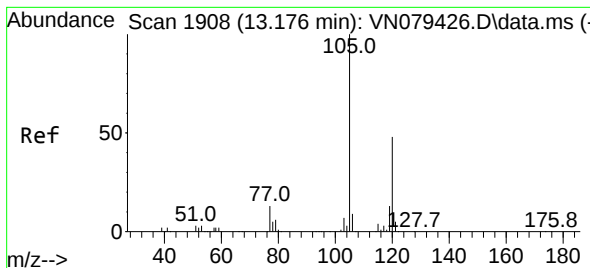
Tgt Ion: 91 Resp: 39524

Ion Ratio Lower Upper

91 100

120 20.6 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 2.416 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079521.D

Acq: 11 Oct 2023 16:48

Instrument :

MSVOA_N

ClientSampleId :

TOTES-3

Tgt Ion:105 Resp: 6156

Ion Ratio Lower Upper

105 100

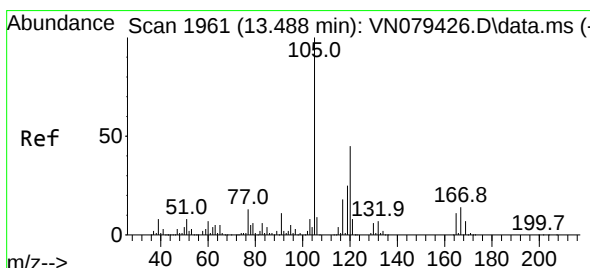
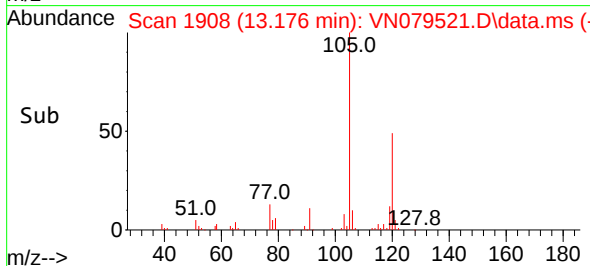
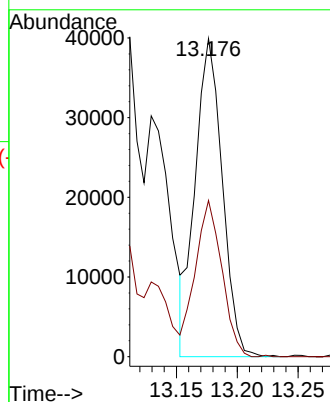
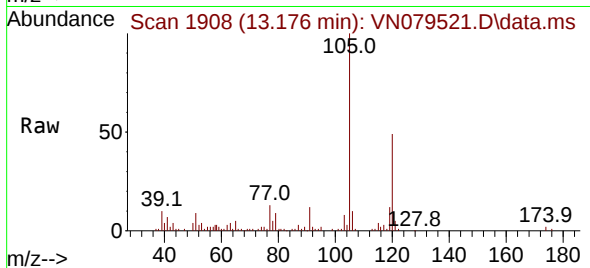
120 48.3 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 8.485 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079521.D

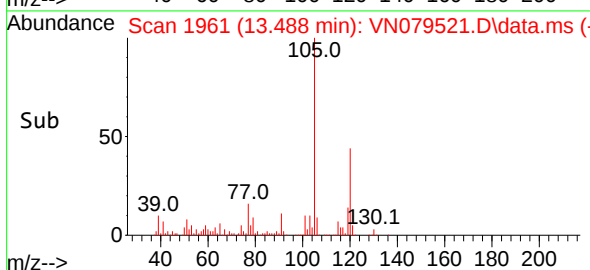
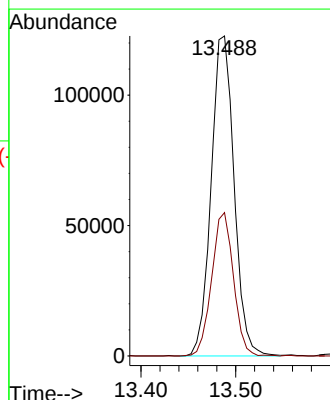
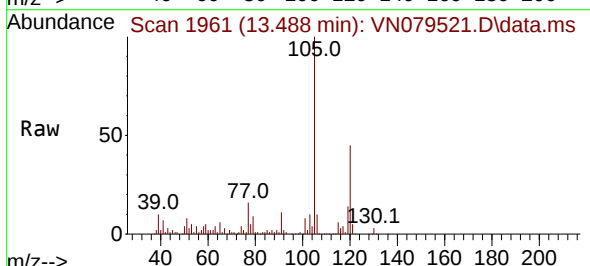
Acq: 11 Oct 2023 16:48

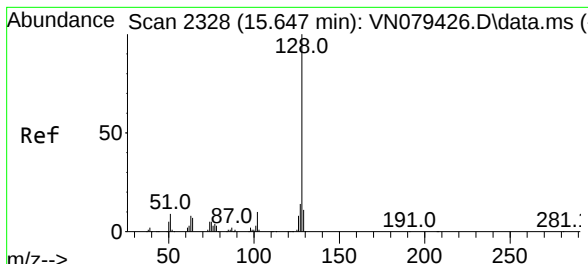
Tgt Ion:105 Resp: 206385

Ion Ratio Lower Upper

105 100

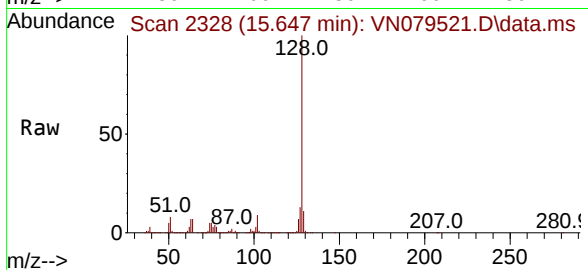
120 42.5 22.0 66.0





#95
Naphthalene
Concen: 265.508 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079521.D
Acq: 11 Oct 2023 16:48

Instrument :
MSVOA_N
ClientSampleId :
TOTES-3



Tgt Ion:128 Resp: 3078960
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

