

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079520.D
 Acq On : 11 Oct 2023 16:24
 Operator : JC\MD
 Sample : 04823-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTES-2

Quant Time: Oct 12 06:11:18 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	471156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	889837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	843881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	335470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	363086	47.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.060%		
35) Dibromofluoromethane	8.171	113	309196	48.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.700%		
50) Toluene-d8	10.571	98	1037297	44.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.660%		
62) 4-Bromofluorobenzene	12.853	95	407922	54.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.880%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	3639191	1201.032	ug/l #	57
18) Methyl Acetate	5.024	43	16106	1.086	ug/l #	87
25) 2-Butanone	7.494	43	99382	22.098	ug/l #	76
40) Benzene	8.612	78	876032	30.735	ug/l	100
52) Toluene	10.635	92	938599	55.943	ug/l	97
59) 2-Hexanone	11.206	43	30054m	4.410	ug/l	
67) Ethyl Benzene	11.965	91	274350	8.399	ug/l	96
68) m/p-Xylenes	12.071	106	377143	31.776	ug/l	91
69) o-Xylene	12.400	106	159866	13.696	ug/l	87
73) Isopropylbenzene	12.700	105	16443	0.527	ug/l	99
78) n-propylbenzene	13.041	91	35618	1.009	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	55968	2.274	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	185463	7.897	ug/l	99
95) Naphthalene	15.641	128	2952539	263.686	ug/l	99

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

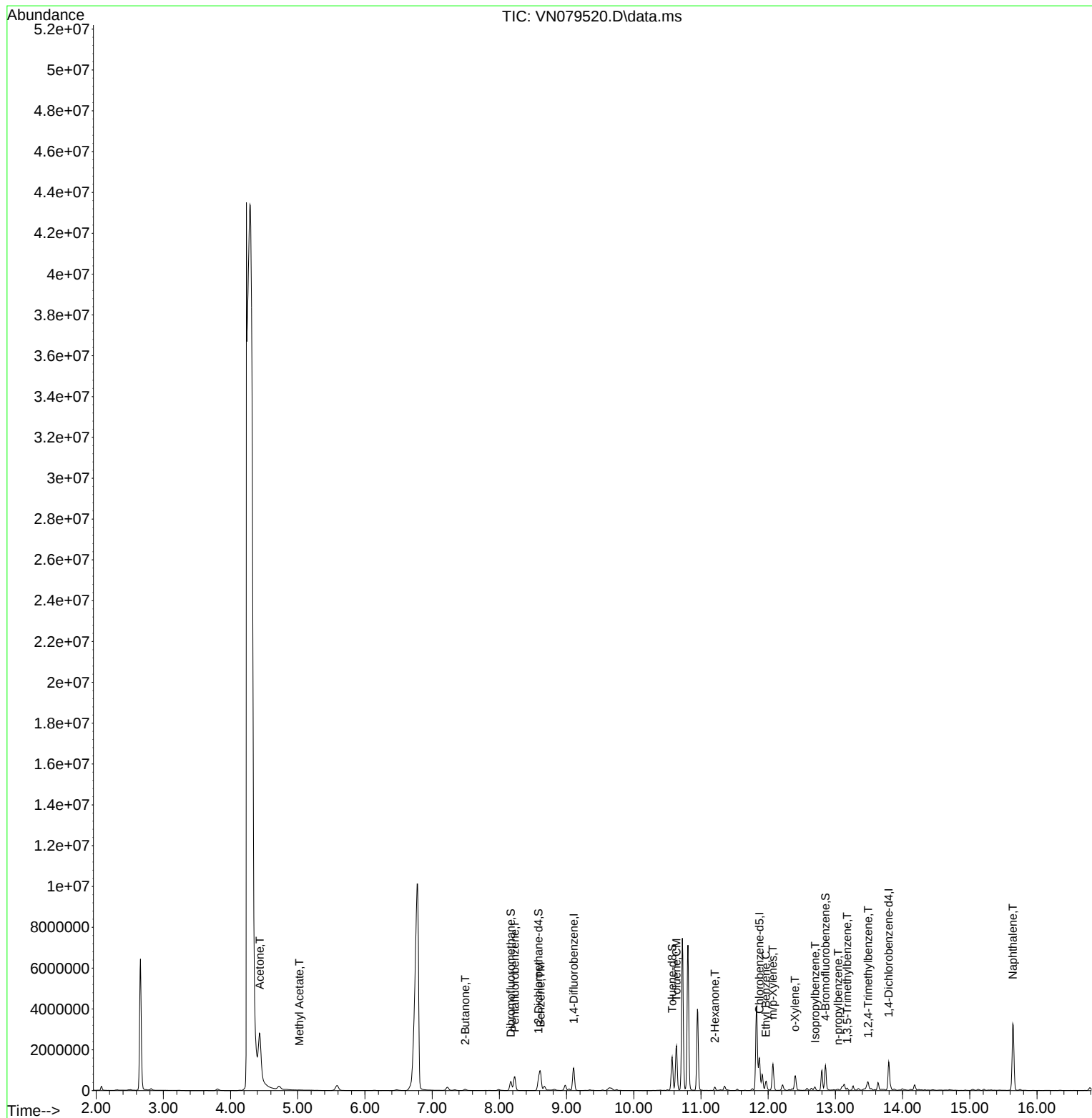
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
Data File : VN079520.D
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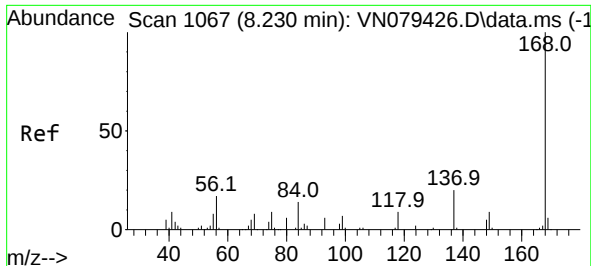
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2

Quant Time: Oct 12 06:11:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
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APPROVED

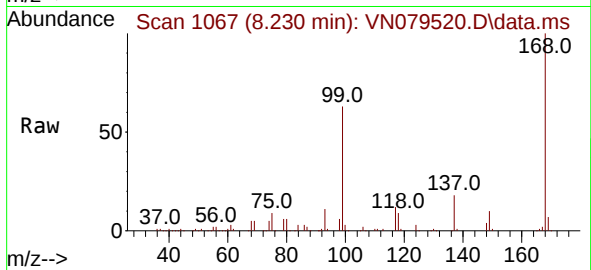
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

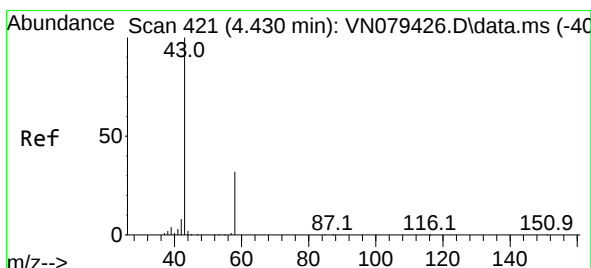
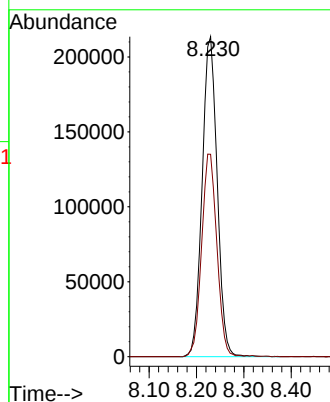
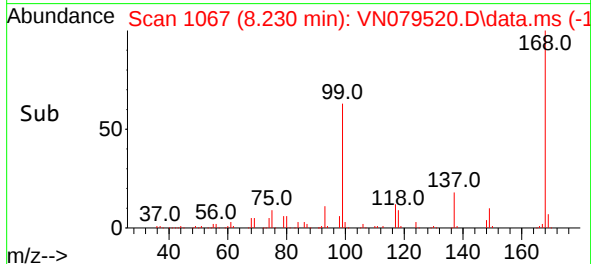
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2



Tgt Ion:168 Resp: 471150
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6

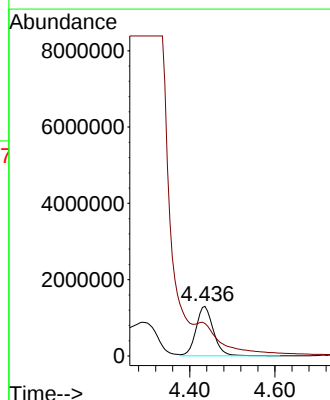
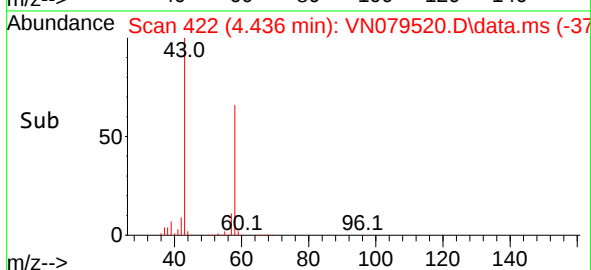
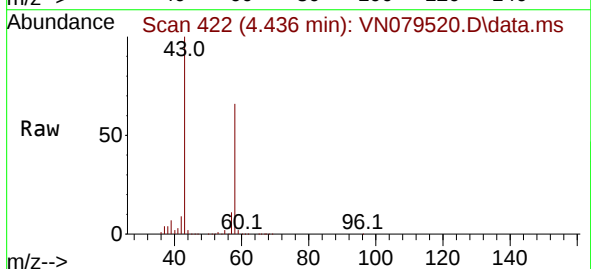
Manual Integrations
APPROVED

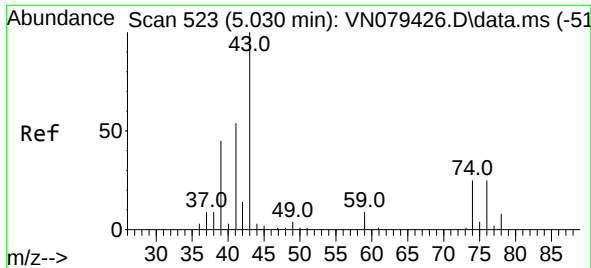
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 1201.032 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

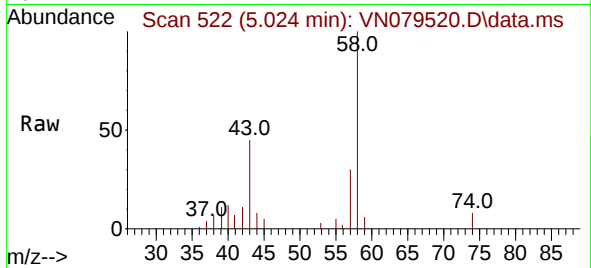
Tgt Ion: 43 Resp: 3639191
Ion Ratio Lower Upper
43 100
58 59.9 28.0 42.0#





#18
Methyl Acetate
Concen: 1.086 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

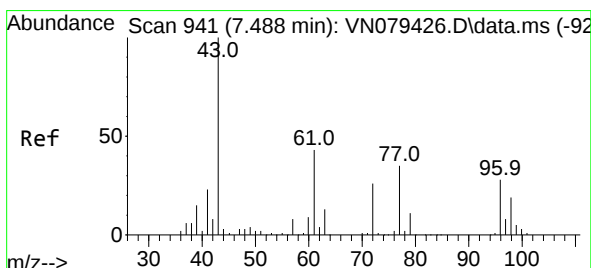
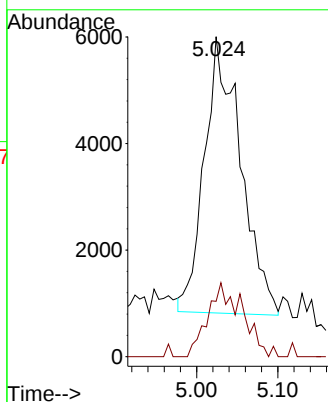
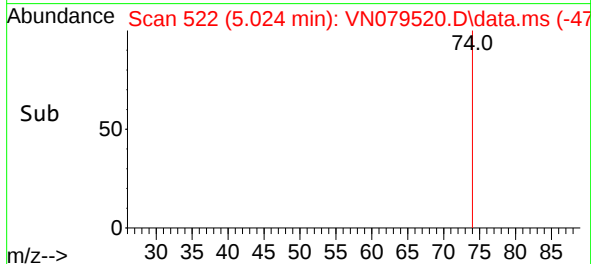
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2



Tgt Ion: 43 Resp: 16100
Ion Ratio Lower Upper
43 100
74 25.6 26.2 39.4

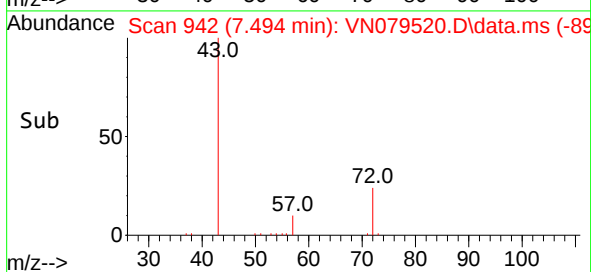
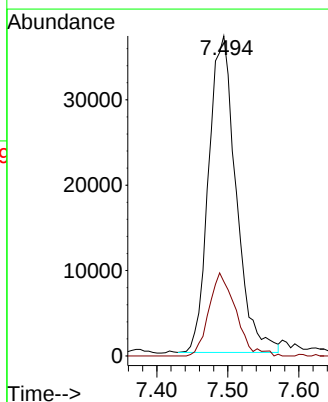
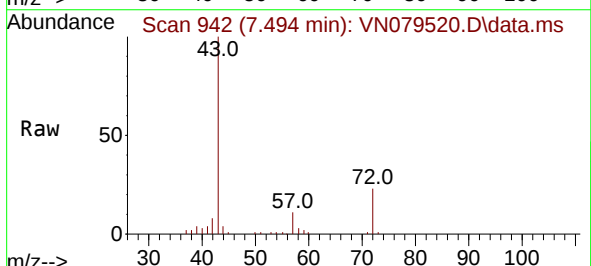
Manual Integrations
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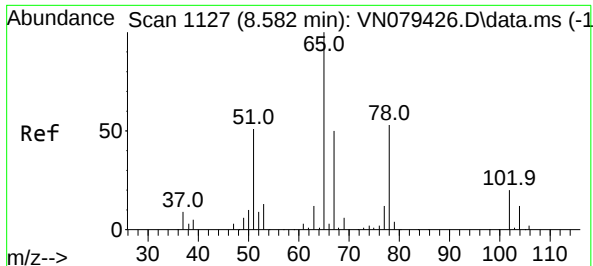
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#25
2-Butanone
Concen: 22.098 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 43 Resp: 99382
Ion Ratio Lower Upper
43 100
72 23.5 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 47.528 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

TOTES-2

Tgt Ion: 65 Resp: 36308

Ion Ratio Lower Upper

65 100

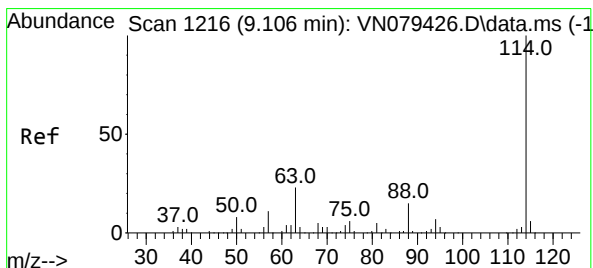
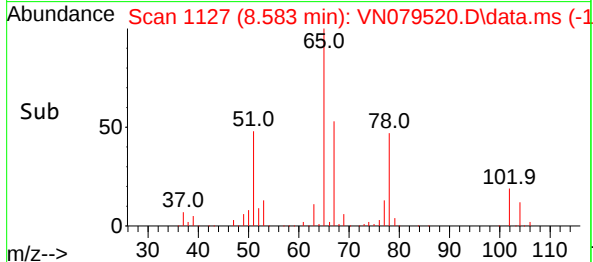
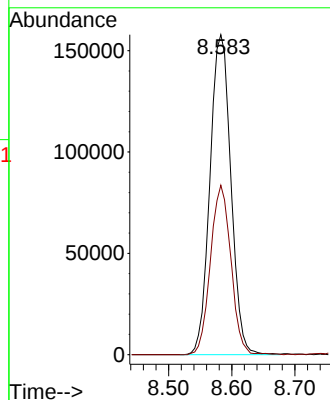
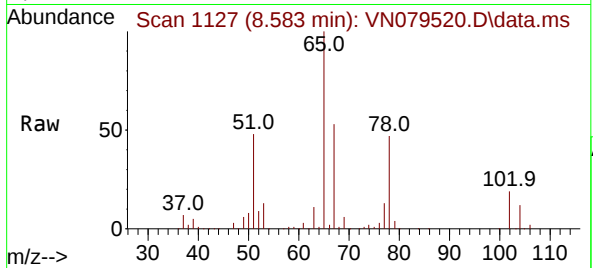
67 51.8 0.0 106.6

Manual Integrations

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Supervised By :Mahesh Dadoda 10/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

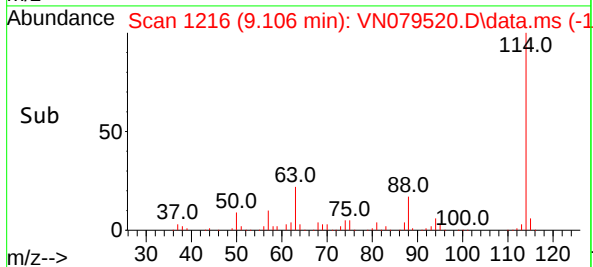
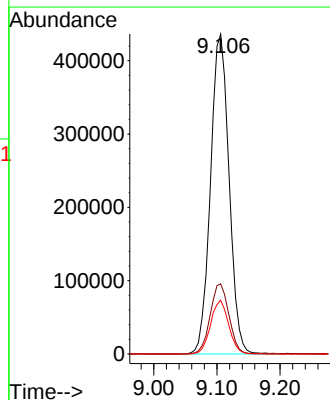
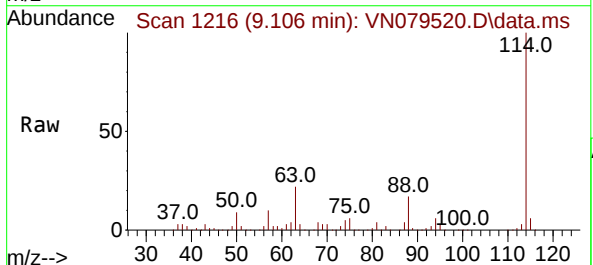
Tgt Ion:114 Resp: 889837

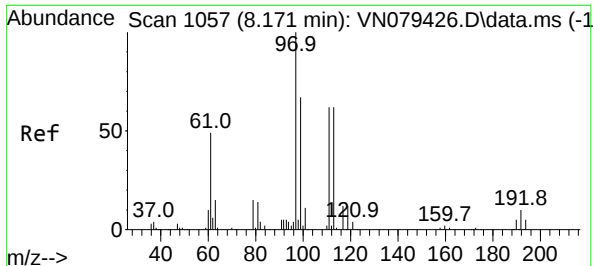
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.352 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

TOTES-2

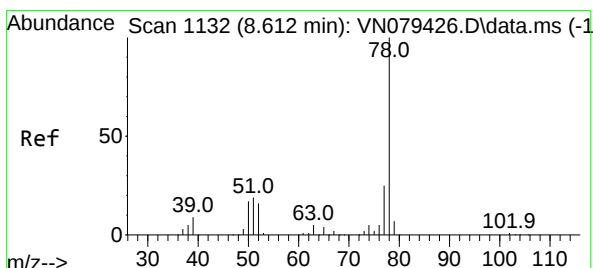
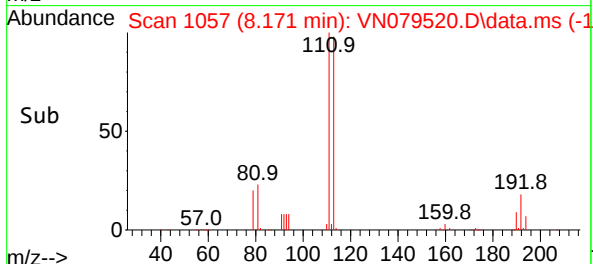
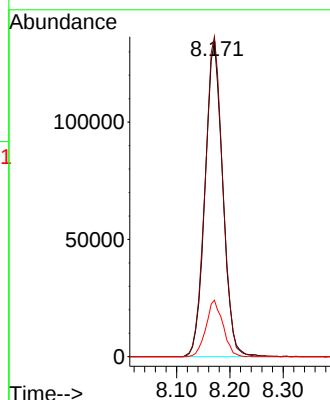
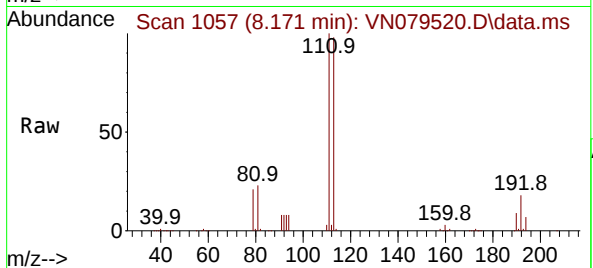
Tgt Ion:113 Resp: 309190
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 17.3 12.7 19.1

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Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#40

Benzene

Concen: 30.735 ug/l

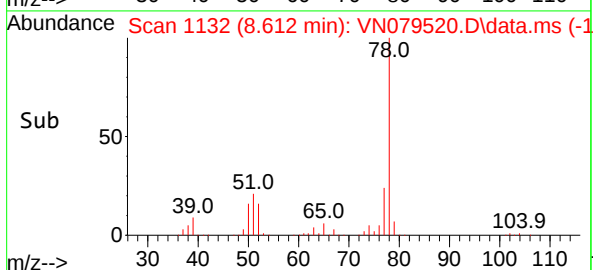
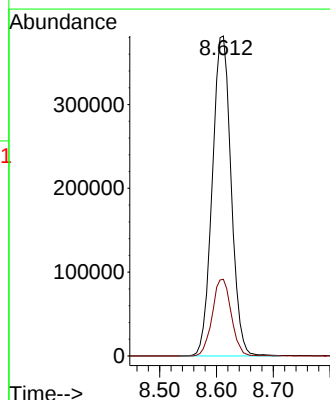
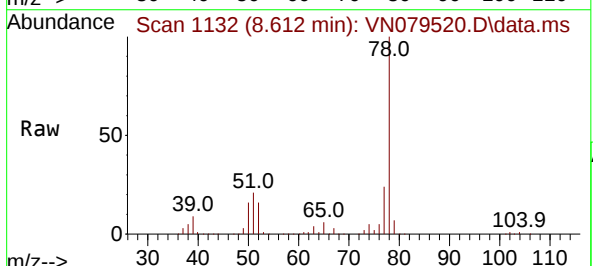
RT: 8.612 min Scan# 1132

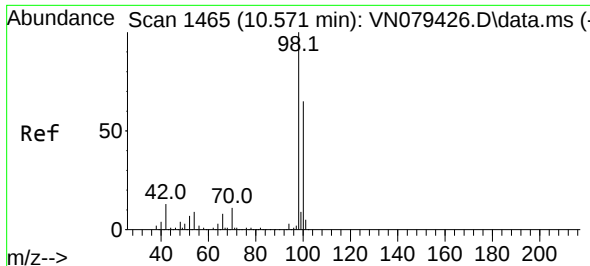
Delta R.T. 0.000 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

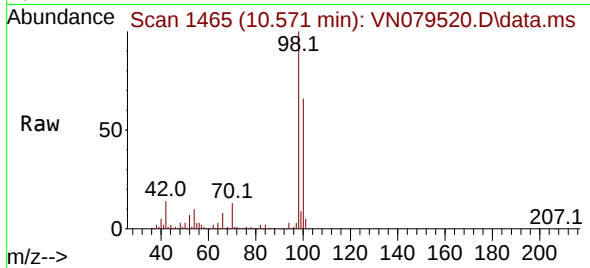
Tgt Ion: 78 Resp: 876032
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.0 28.6





#50
Toluene-d8
Concen: 44.831 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

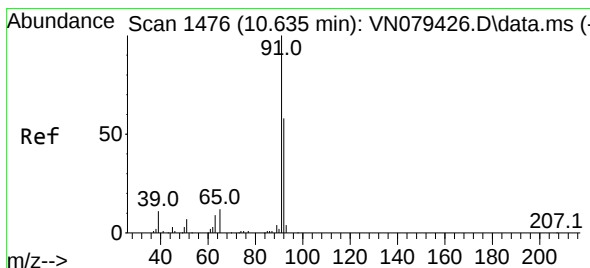
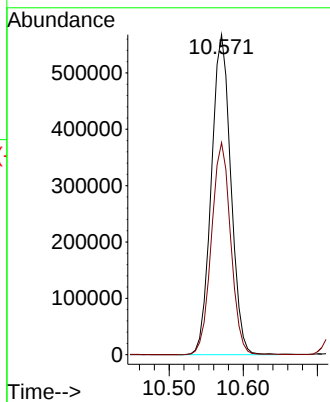
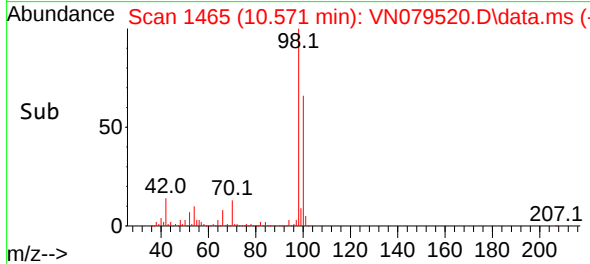
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2



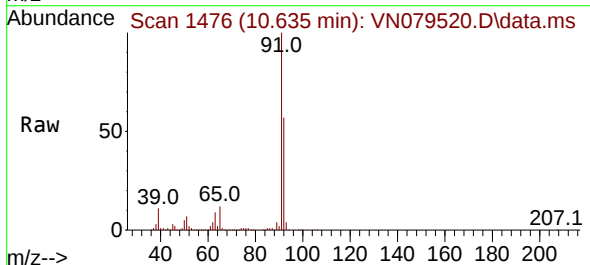
Tgt Ion: 98 Resp: 103729
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

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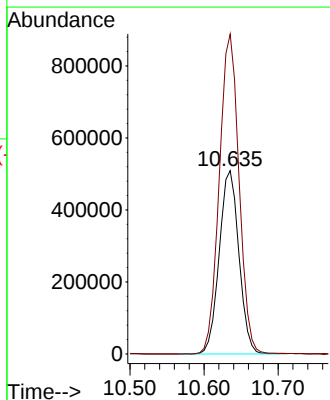
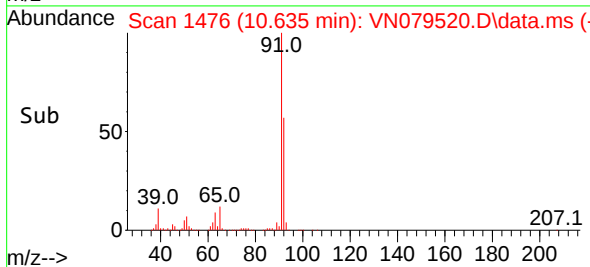
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

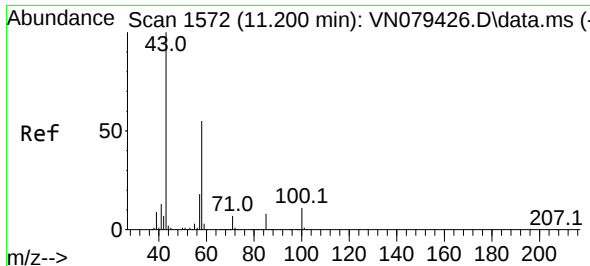


#52
Toluene
Concen: 55.943 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24



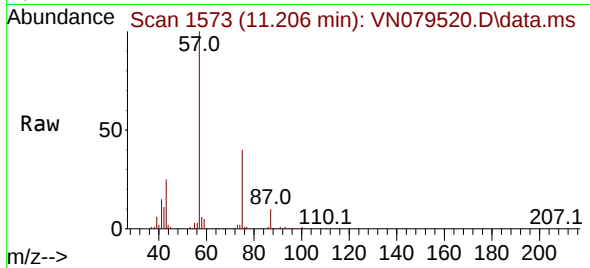
Tgt Ion: 92 Resp: 938599
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.0





#59
2-Hexanone
Concen: 4.410 ug/l m
RT: 11.206 min Scan# 11573
Delta R.T. 0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

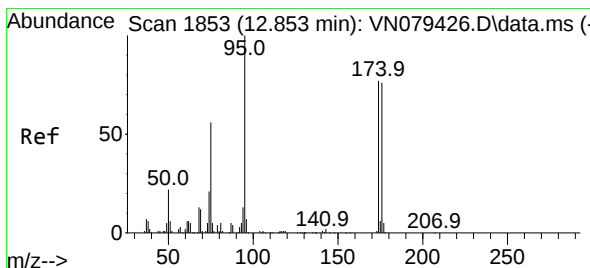
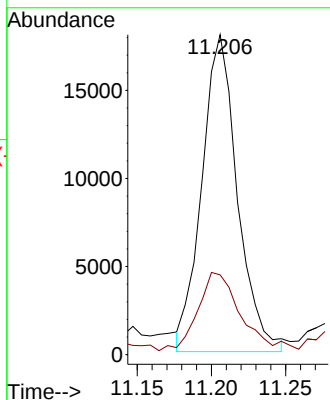
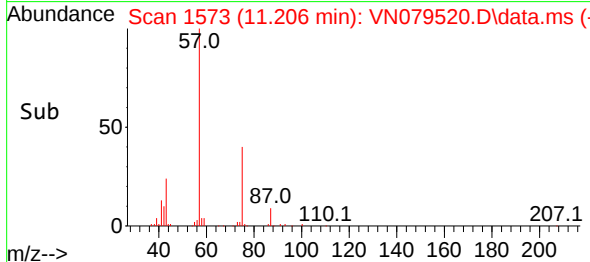
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2



Tgt Ion: 43 Resp: 30054
Ion Ratio Lower Upper
43 100
58 553.7 31.7 95.13

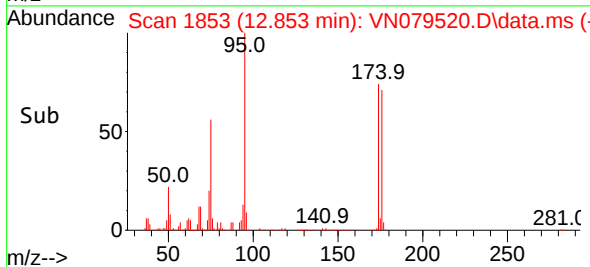
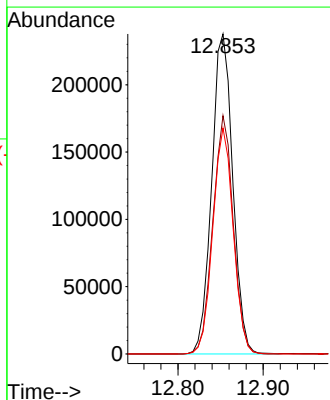
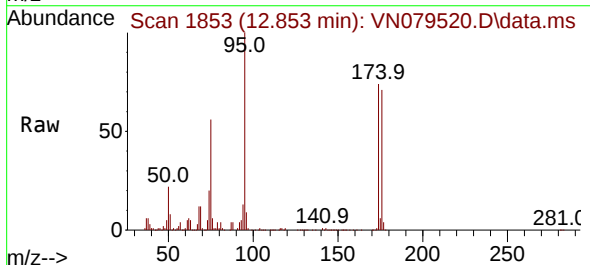
Manual Integrations
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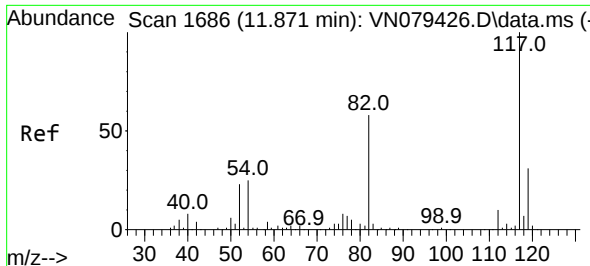
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#62
4-Bromofluorobenzene
Concen: 54.936 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

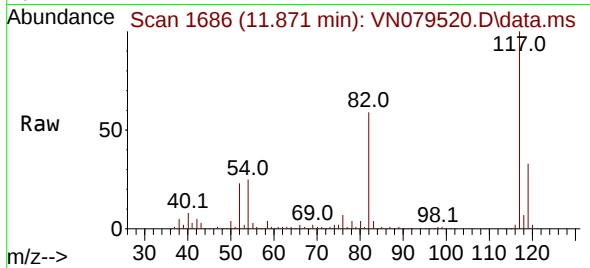
Tgt Ion: 95 Resp: 407922
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 68.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

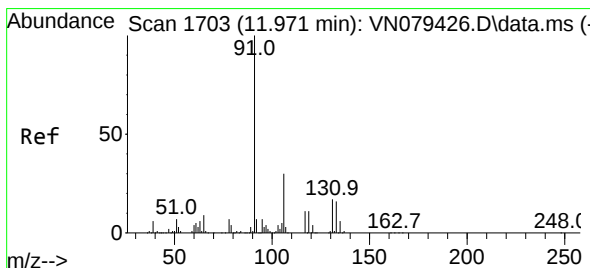
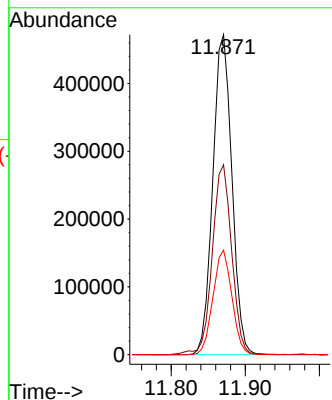
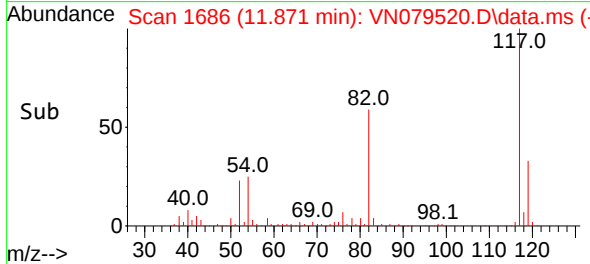
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2



Tgt Ion:117 Resp: 84388
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 32.7 25.6 38.4

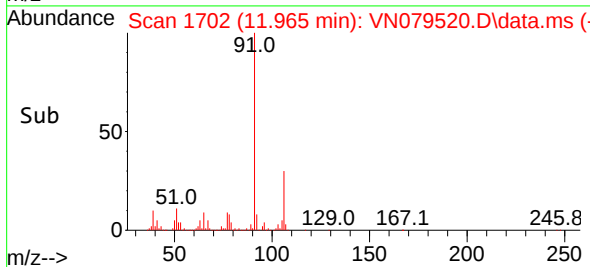
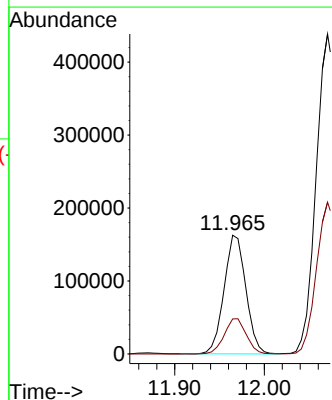
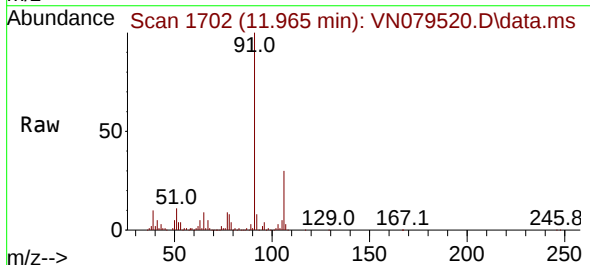
Manual Integrations
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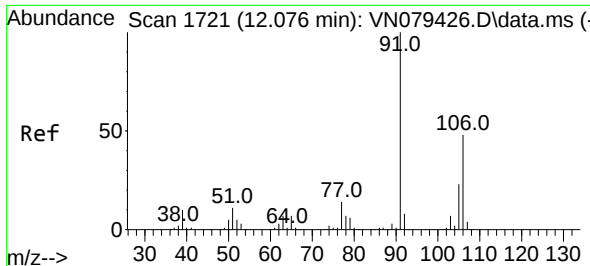
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#67
Ethyl Benzene
Concen: 8.399 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 91 Resp: 274350
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4





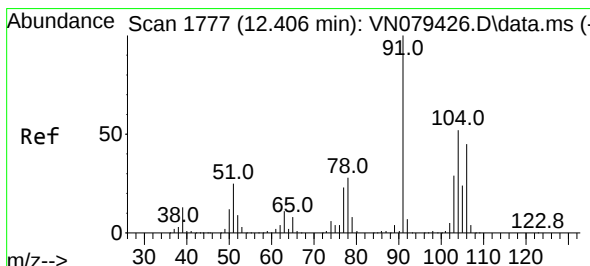
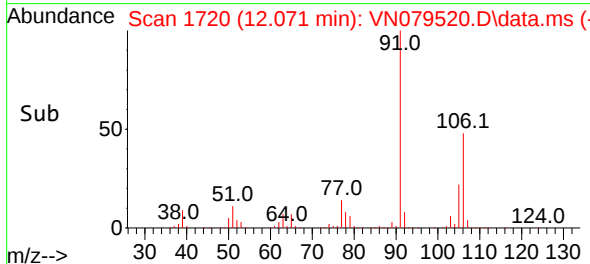
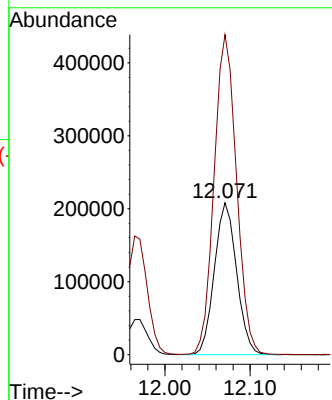
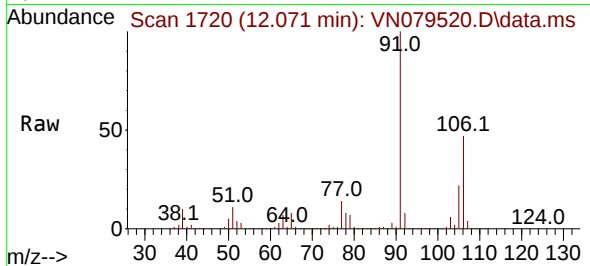
#68
m/p-Xylenes
Concen: 31.776 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
TOTES-2

Tgt Ion:106 Resp: 37714
Ion Ratio Lower Upper
106 100
91 212.8 159.6 239.4

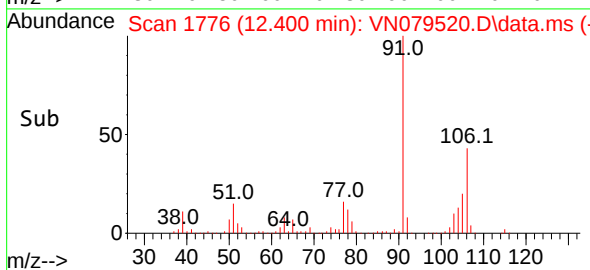
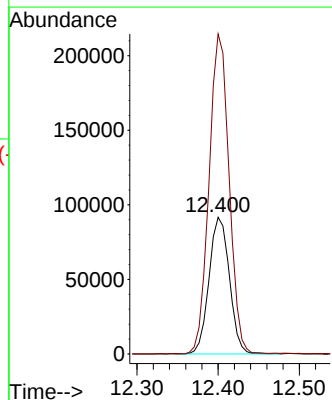
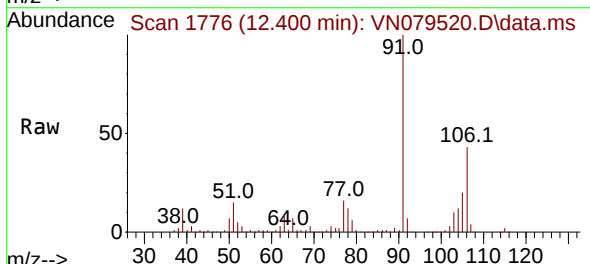
Manual Integrations
APPROVED

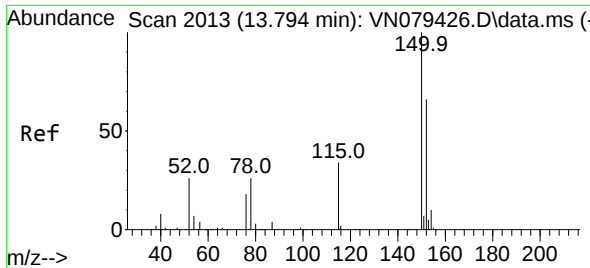
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#69
o-Xylene
Concen: 13.696 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

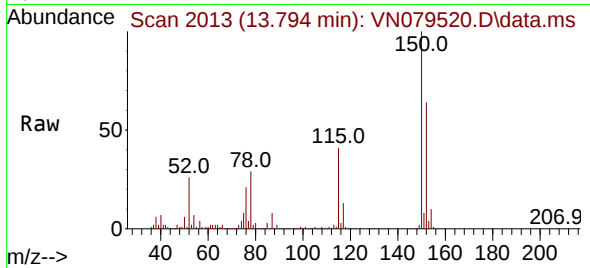
Tgt Ion:106 Resp: 159866
Ion Ratio Lower Upper
106 100
91 230.7 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

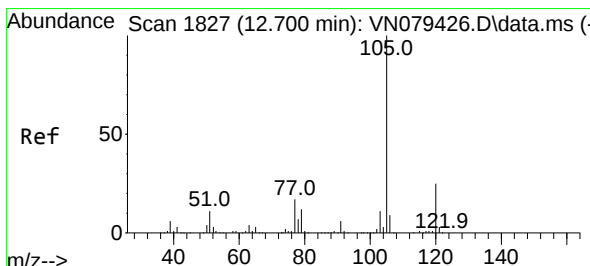
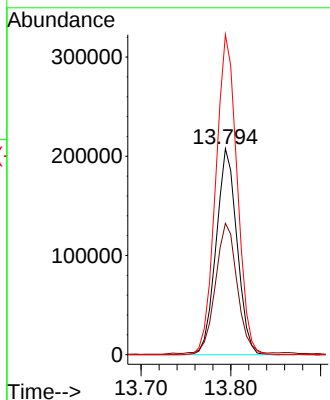
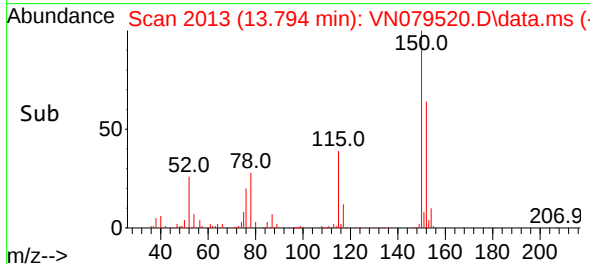
Instrument :
MSVOA_N
ClientSampleId :
TOTES-2



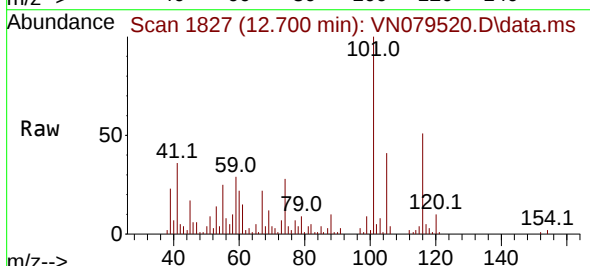
Tgt Ion:152 Resp: 335470
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 158.7 0.0 355.8

Manual Integrations
APPROVED

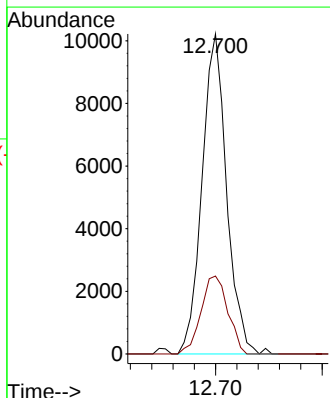
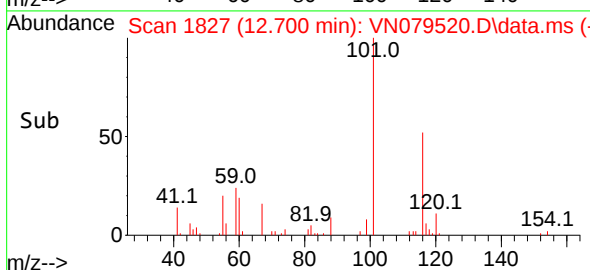
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

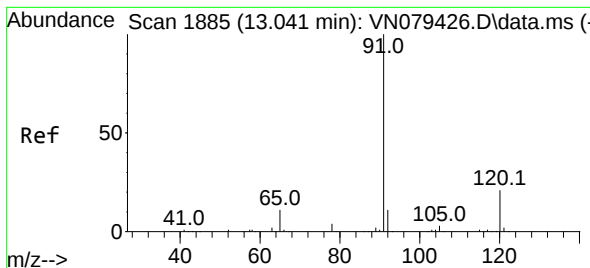


#73
Isopropylbenzene
Concen: 0.527 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24



Tgt Ion:105 Resp: 16443
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1





#78

n-propylbenzene

Concen: 1.009 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

TOTES-2

Tgt Ion: 91 Resp: 35618

Ion Ratio Lower Upper

91 100

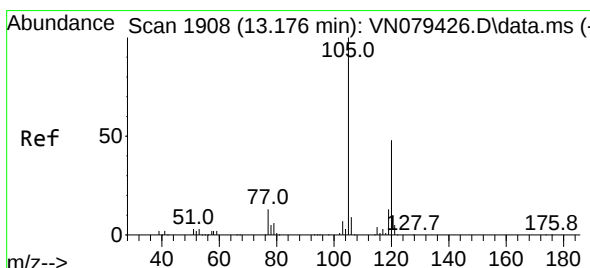
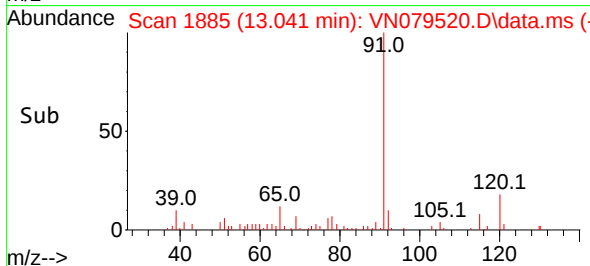
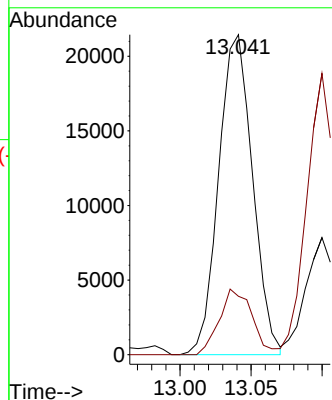
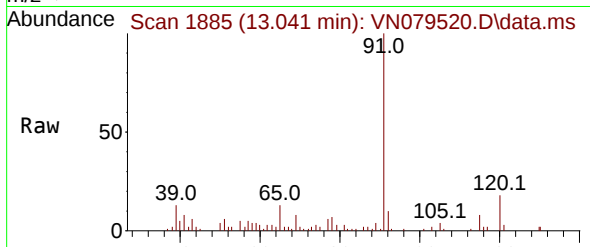
120 19.6 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#80

1,3,5-Trimethylbenzene

Concen: 2.274 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079520.D

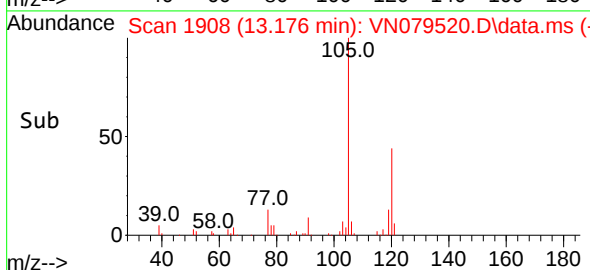
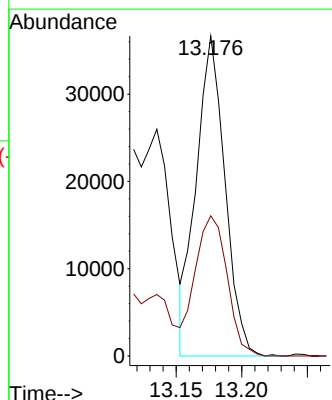
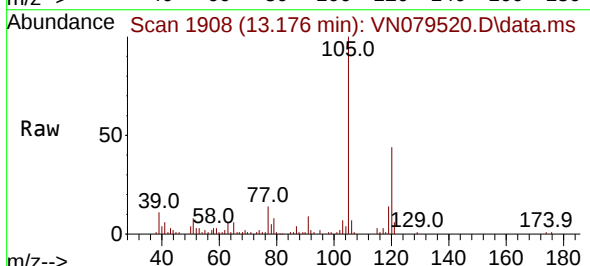
Acq: 11 Oct 2023 16:24

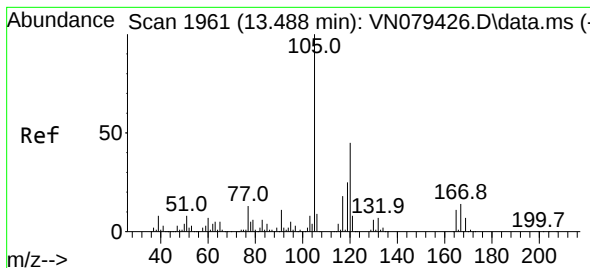
Tgt Ion:105 Resp: 55968

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 7.897 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

TOTES-2

Tgt Ion:105 Resp: 18546

Ion Ratio Lower Upper

105 100

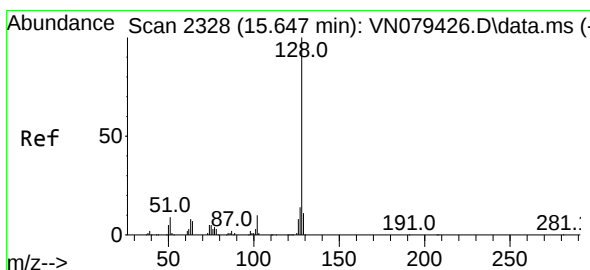
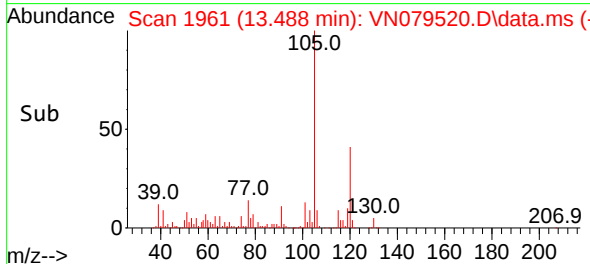
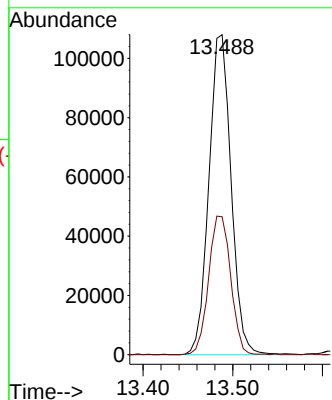
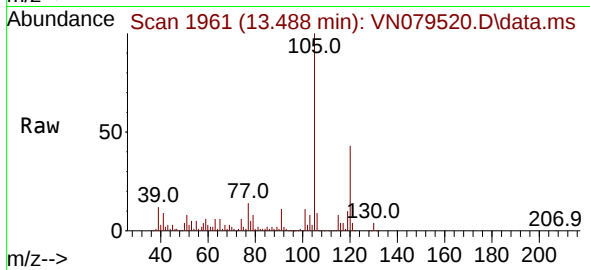
120 43.1 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#95

Naphthalene

Concen: 263.686 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Tgt Ion:128 Resp: 2952539

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.7 8.7 13.1

