

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078625.D
 Acq On : 21 Jul 2023 19:50
 Operator : JC\MD
 Sample : 03677-01ME
 Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SWC-1ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:31:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	412227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	732983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	713157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	404281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	264383	47.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.171	113	261498	52.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.100%		
50) Toluene-d8	10.571	98	858787	45.688	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.380%		
62) 4-Bromofluorobenzene	12.853	95	392285	67.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	135.500%#		
Target Compounds					Qvalue	
16) Acetone	4.447	43	42110	24.462	ug/l	97
18) Methyl Acetate	5.042	43	126473	17.355	ug/l	91
25) 2-Butanone	7.512	43	24556	9.062	ug/l	92
31) Cyclohexane	8.236	56	22808	3.054	ug/l #	56
39) Methylcyclohexane	9.600	83	15643	2.385	ug/l	98
51) 4-Methyl-2-Pentanone	10.453	43	118612	20.224	ug/l	95
52) Toluene	10.635	92	624143	47.313	ug/l	95
59) 2-Hexanone	11.206	43	11549	2.771	ug/l	77
67) Ethyl Benzene	11.971	91	315828	11.721	ug/l	99
68) m/p-Xylenes	12.076	106	564445	56.657	ug/l	94
69) o-Xylene	12.406	106	336613	33.452	ug/l	98
73) Isopropylbenzene	12.700	105	68039	1.791	ug/l	99
78) n-propylbenzene	13.041	91	208001	5.120	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	409179	13.632	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1456050	49.942	ug/l	98
85) sec-Butylbenzene	13.618	105	32667m	1.014	ug/l	
89) n-Butylbenzene	14.059	91	44299	2.394	ug/l #	77
95) Naphthalene	15.647	128	479551	30.284	ug/l	98

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

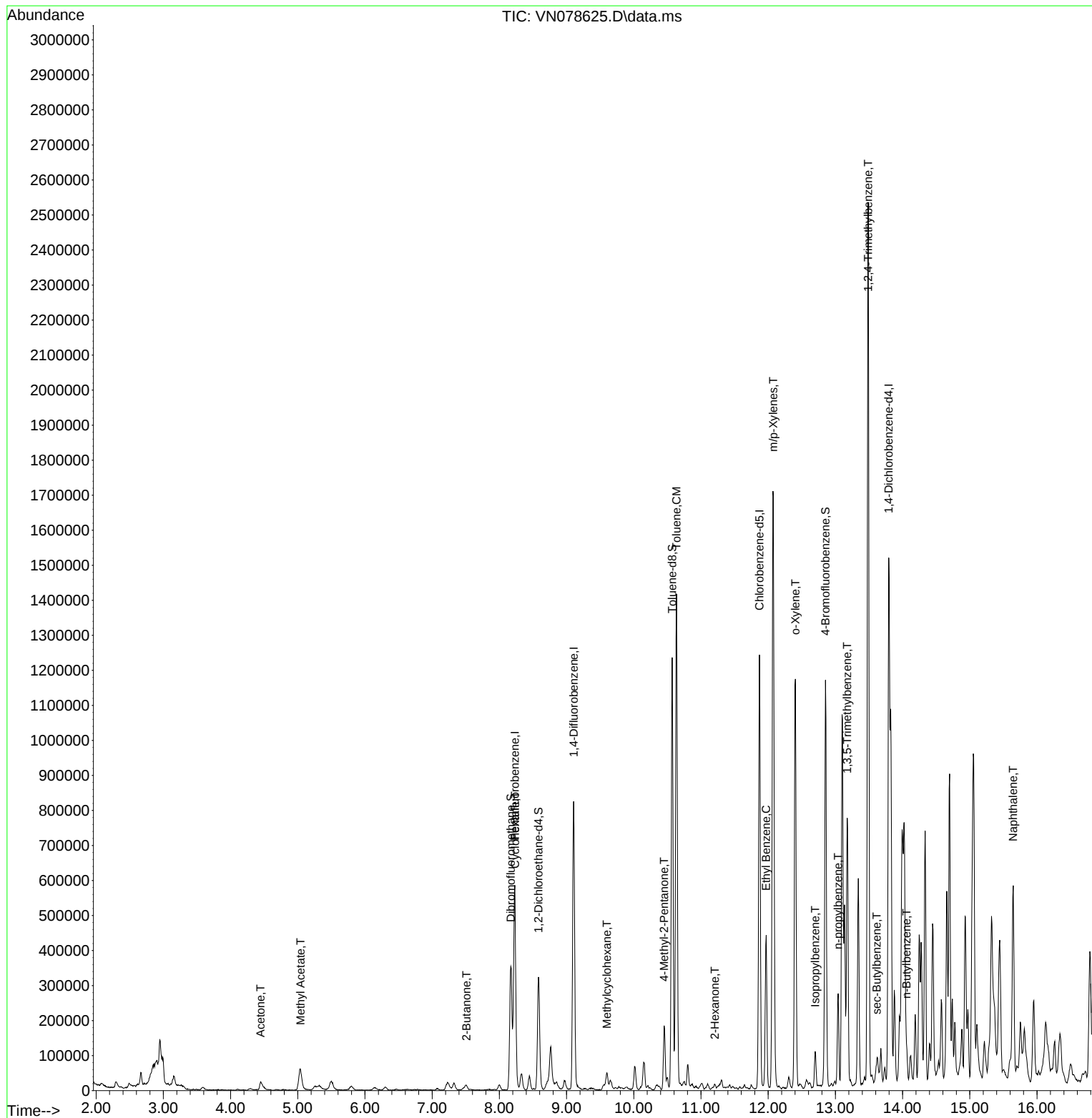
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
Data File : VN078625.D
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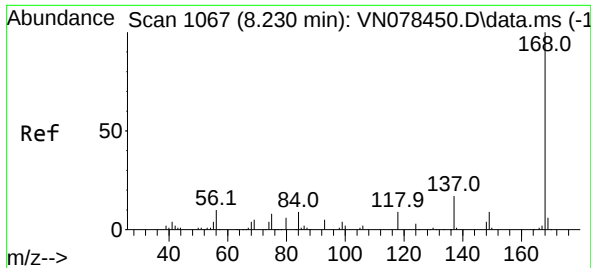
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

Quant Time: Jul 21 23:31:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

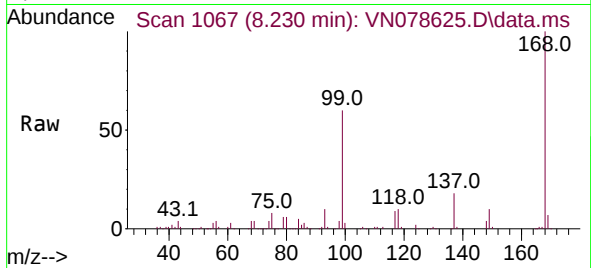
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

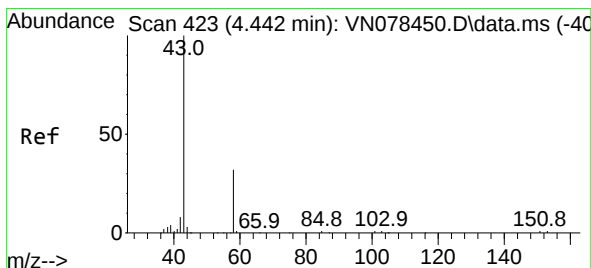
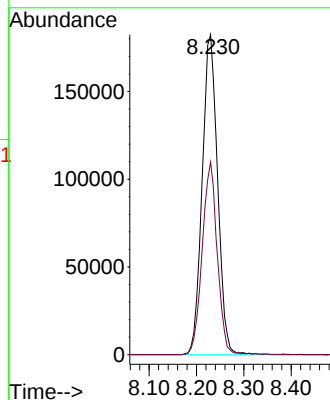
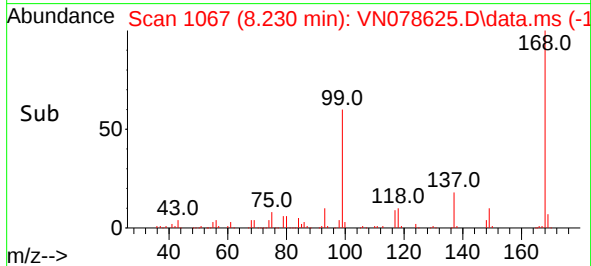
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME



Tgt Ion:168 Resp: 41222
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6

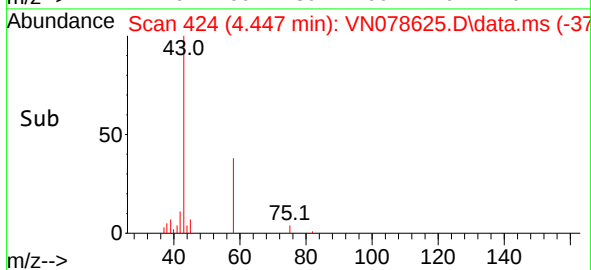
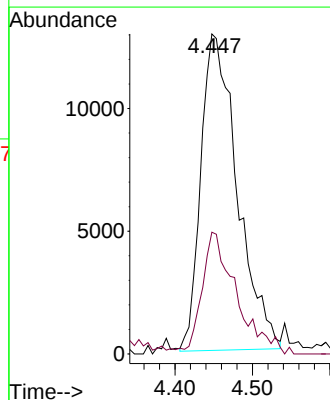
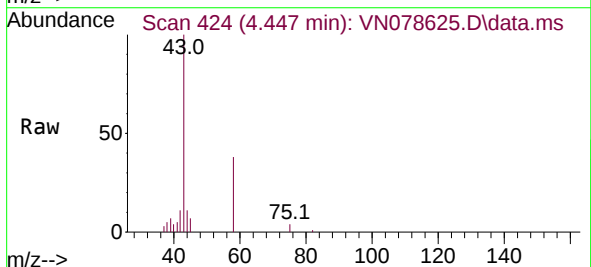
Manual Integrations
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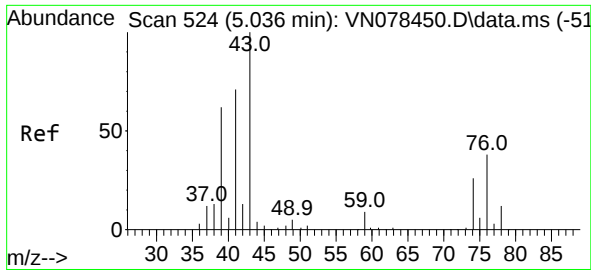
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 24.462 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

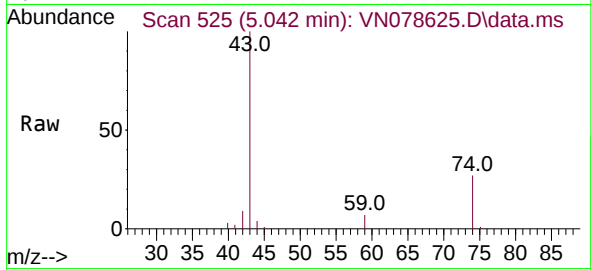
Tgt Ion: 43 Resp: 42110
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0





#18
Methyl Acetate
Concen: 17.355 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

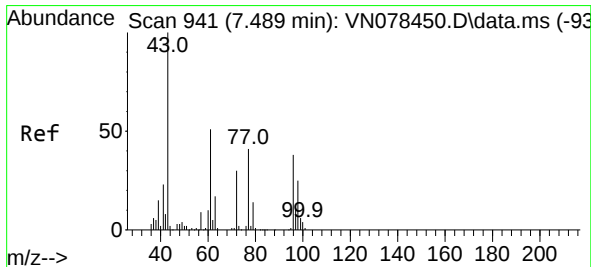
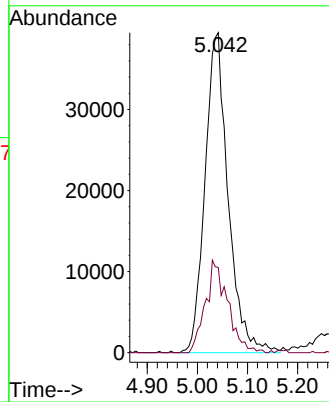
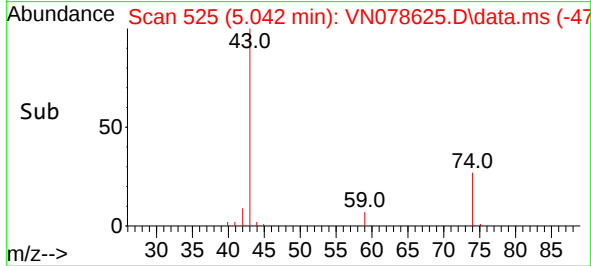
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME



Tgt Ion: 43 Resp: 12647
Ion Ratio Lower Upper
43 100
74 27.9 26.2 39.4

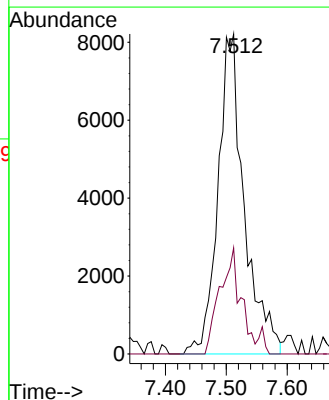
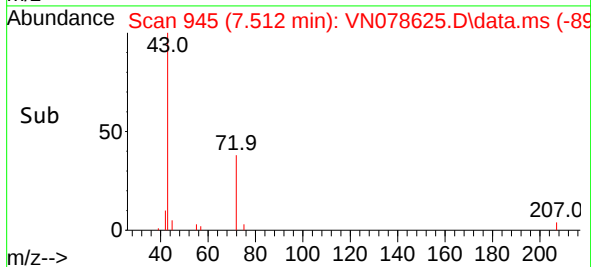
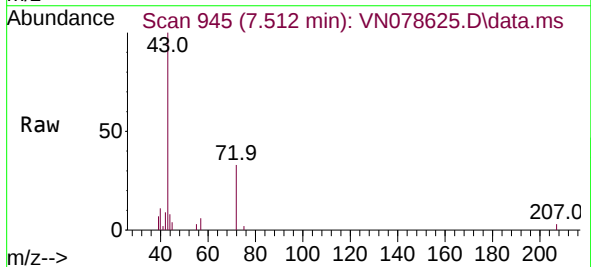
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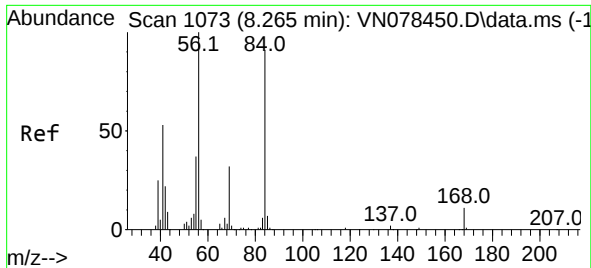
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#25
2-Butanone
Concen: 9.062 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.023 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

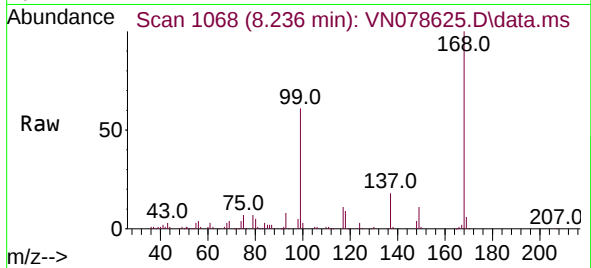
Tgt Ion: 43 Resp: 24556
Ion Ratio Lower Upper
43 100
72 33.2 30.2 45.2





#31
Cyclohexane
Concen: 3.054 ug/l
RT: 8.236 min Scan# 1073
Delta R.T. -0.030 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

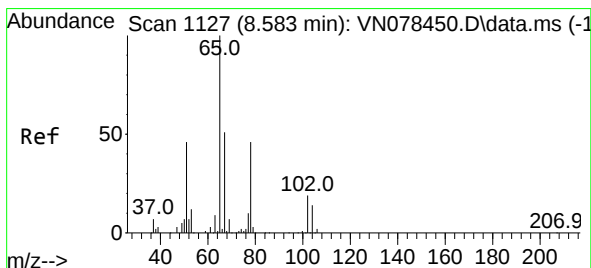
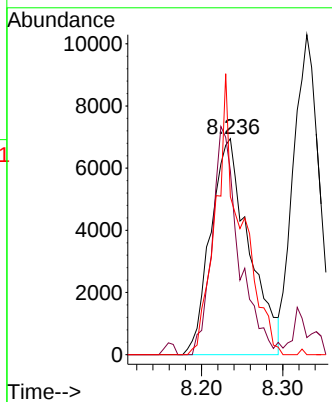
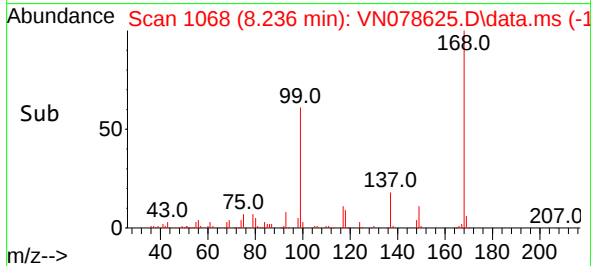
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME



Tgt Ion: 56 Resp: 2280
Ion Ratio Lower Upper
56 100
69 85.1 26.8 40.2
84 73.2 81.8 122.6

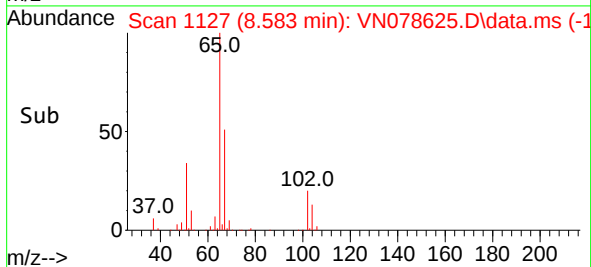
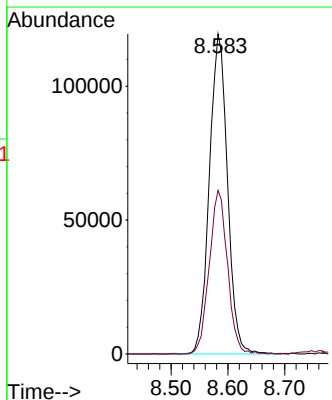
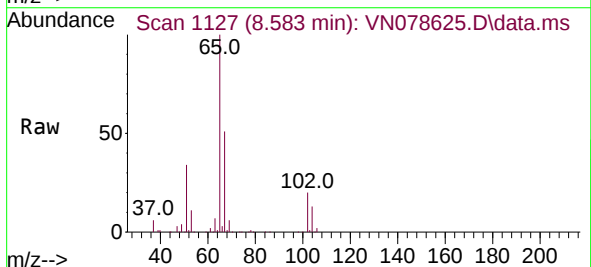
Manual Integrations
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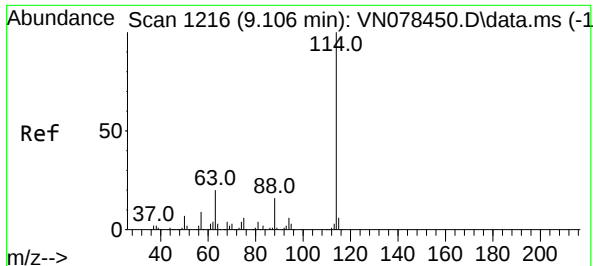
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#33
1,2-Dichloroethane-d4
Concen: 47.841 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Tgt Ion: 65 Resp: 264383
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078625.D

Acq: 21 Jul 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME

Tgt Ion:114 Resp: 73298

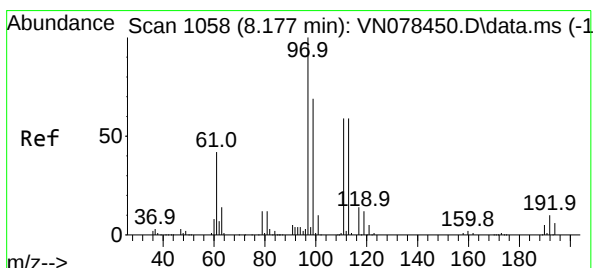
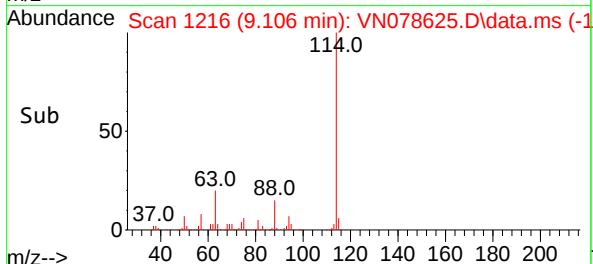
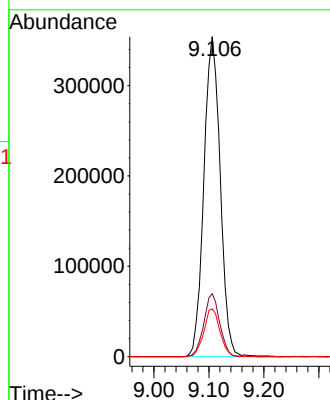
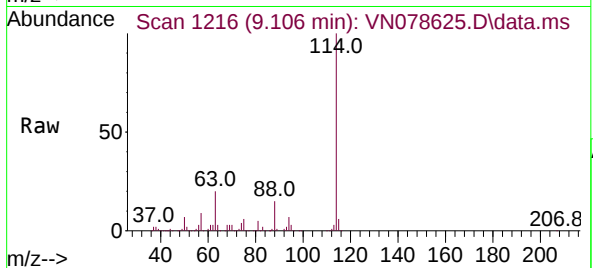
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	36.4
88	15.0	0.0	30.6

Manual Integrations

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Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#35

Dibromofluoromethane

Concen: 52.555 ug/l

RT: 8.171 min Scan# 1057

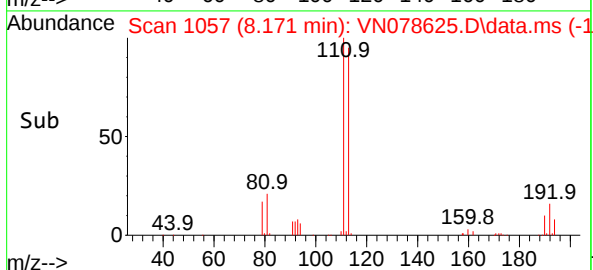
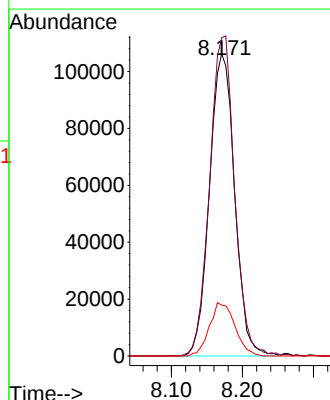
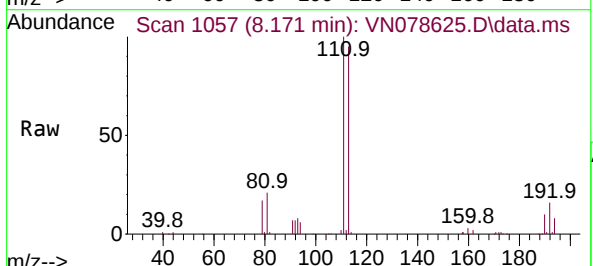
Delta R.T. -0.006 min

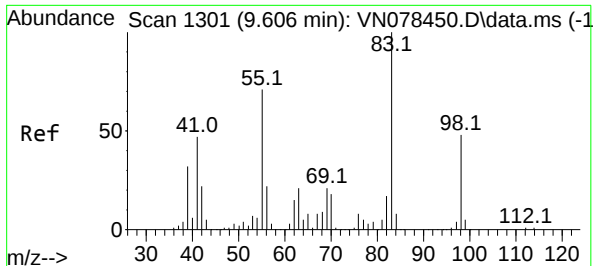
Lab File: VN078625.D

Acq: 21 Jul 2023 19:50

Tgt Ion:113 Resp: 261498

Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.6	123.8
192	17.8	12.7	19.1





#39

Methylcyclohexane

Concen: 2.385 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078625.D

Acq: 21 Jul 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME

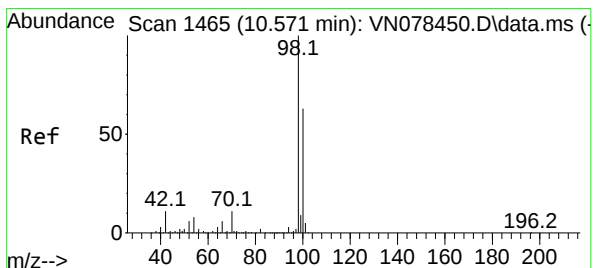
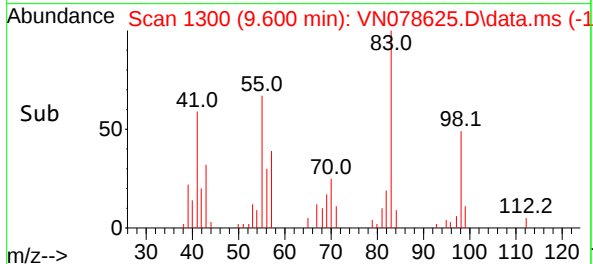
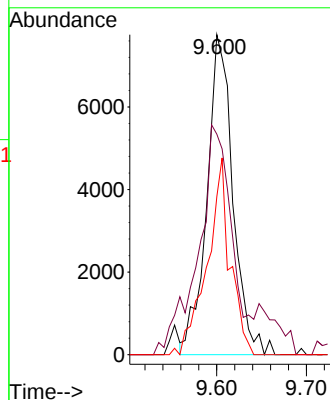
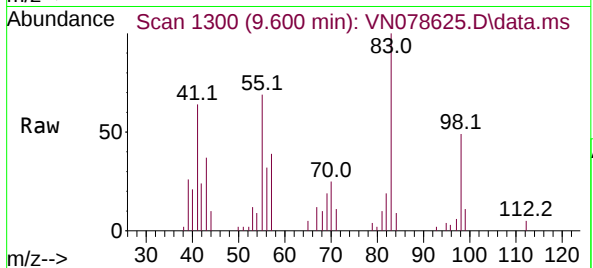
Tgt Ion: 83	Resp: 1564
Ion Ratio	Lower Upper
83 100	
55 60.3	49.1 73.7
98 49.4	40.6 61.0

Manual Integrations

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Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 45.688 ug/l

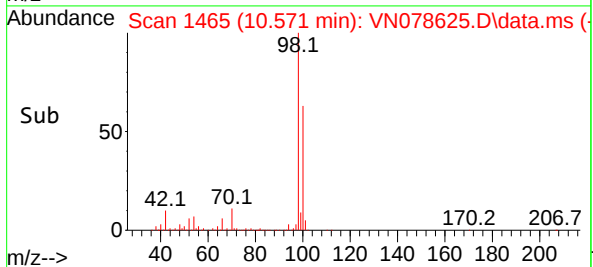
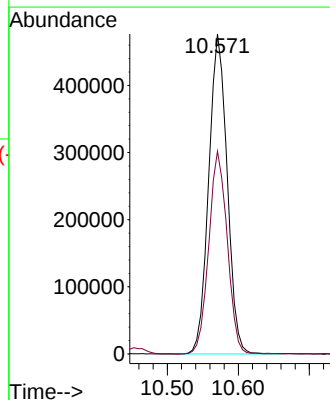
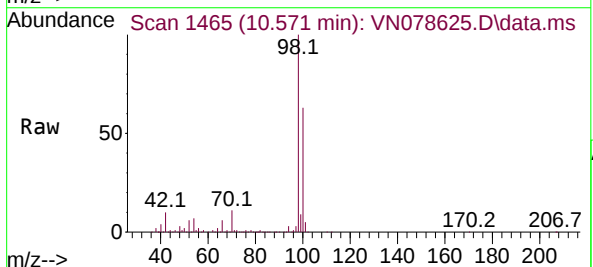
RT: 10.571 min Scan# 1465

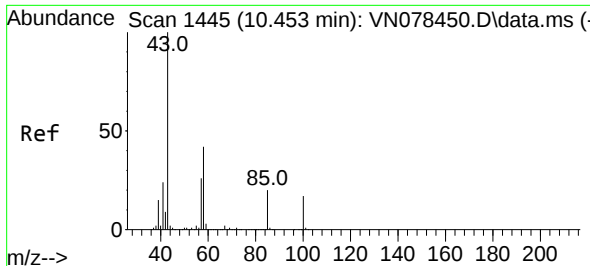
Delta R.T. -0.000 min

Lab File: VN078625.D

Acq: 21 Jul 2023 19:50

Tgt Ion: 98	Resp: 858787
Ion Ratio	Lower Upper
98 100	
100 63.4	52.0 78.0





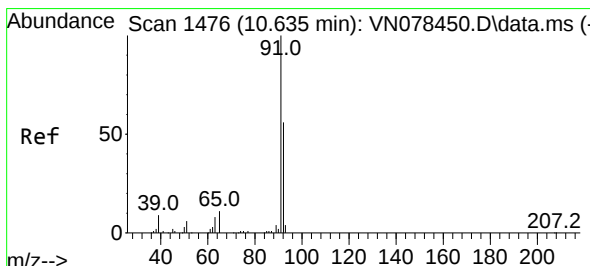
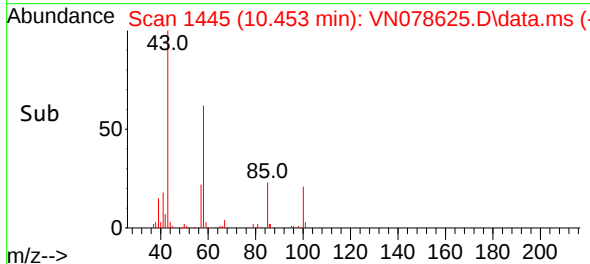
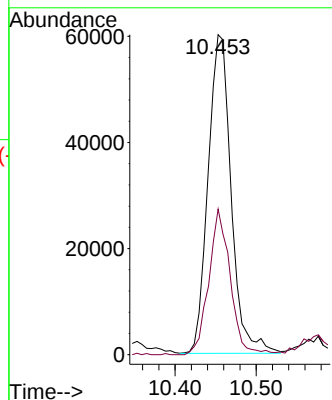
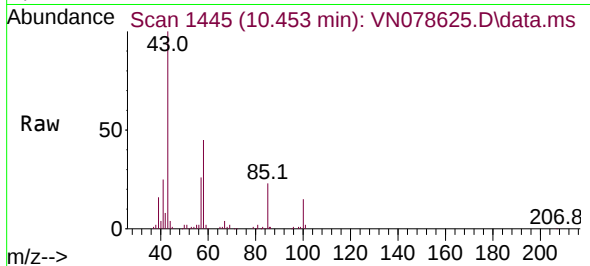
#51
4-Methyl-2-Pentanone
Concen: 20.224 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

Tgt Ion: 43 Resp: 118612
Ion Ratio Lower Upper
43 100
58 42.5 36.6 54.8

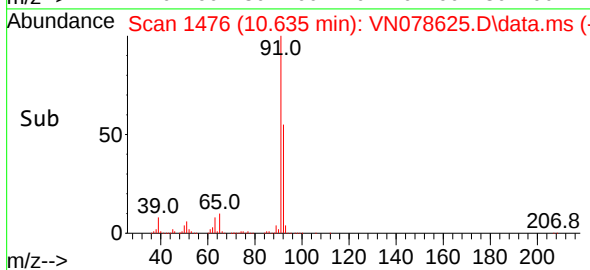
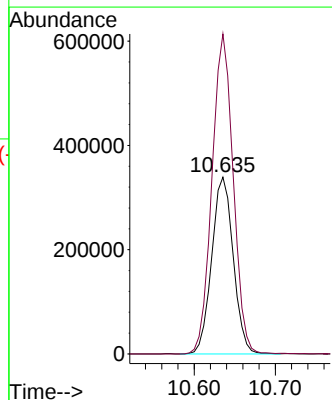
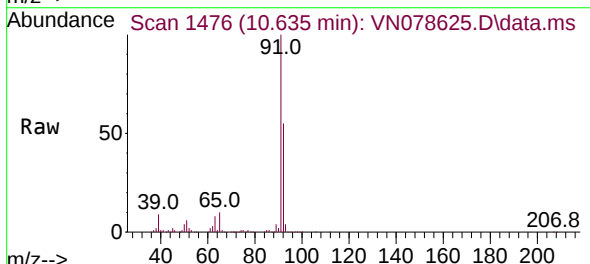
Manual Integrations
APPROVED

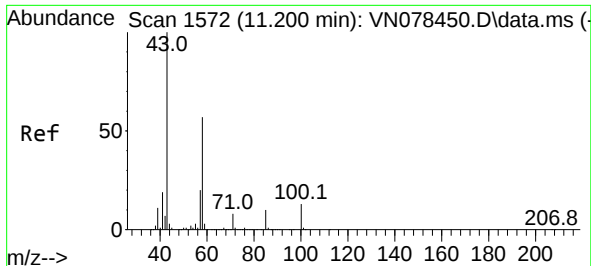
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 47.313 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Tgt Ion: 92 Resp: 624143
Ion Ratio Lower Upper
92 100
91 178.6 137.4 206.0





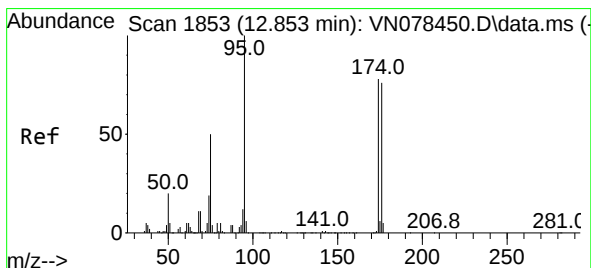
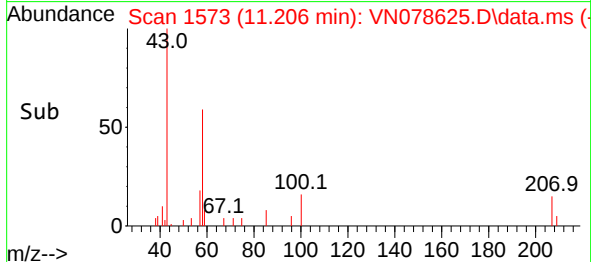
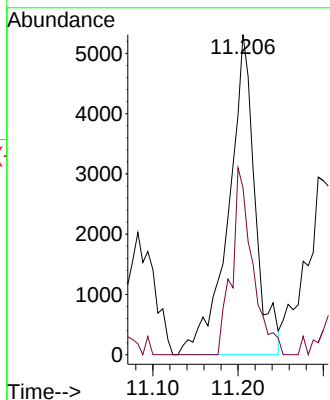
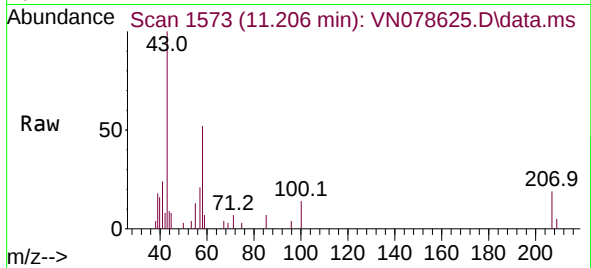
#59
2-Hexanone
Concen: 2.771 ug/l
RT: 11.206 min Scan# 11549
Delta R.T. 0.006 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

Tgt Ion: 43 Resp: 11549
Ion Ratio Lower Upper
43 100
58 45.3 31.7 95.1

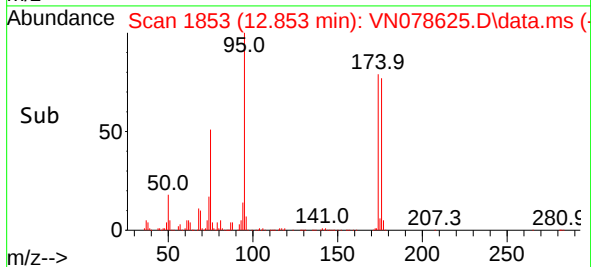
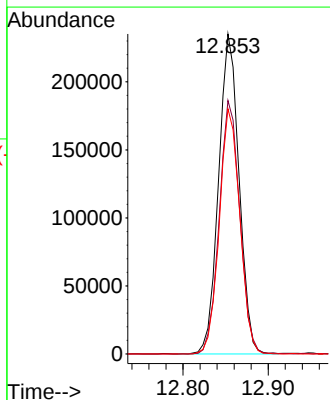
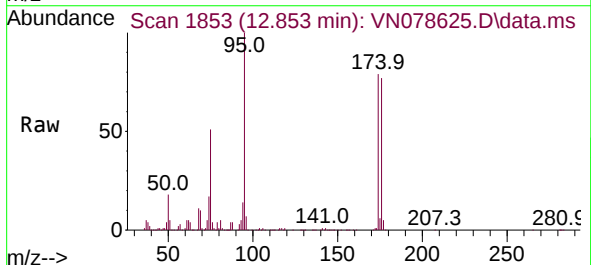
Manual Integrations
APPROVED

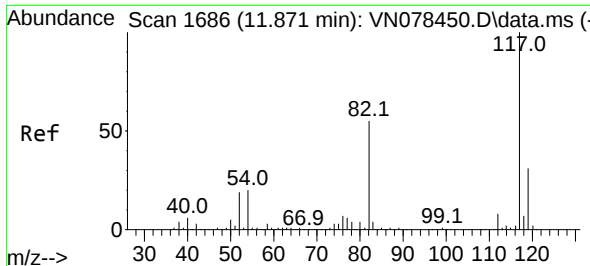
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#62
4-Bromofluorobenzene
Concen: 67.755 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

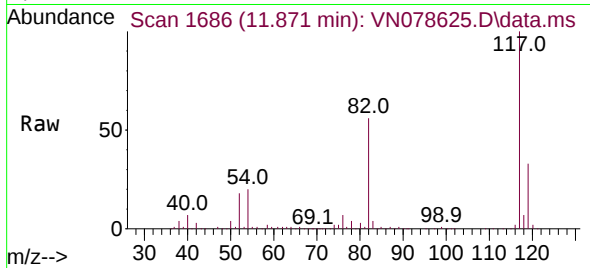
Tgt Ion: 95 Resp: 392285
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 76.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

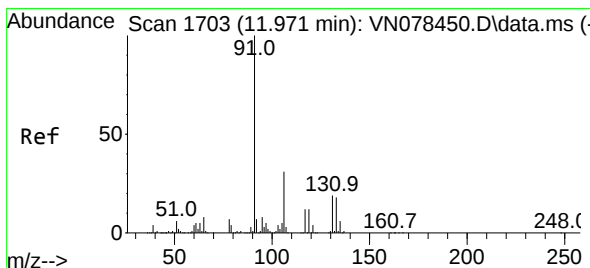
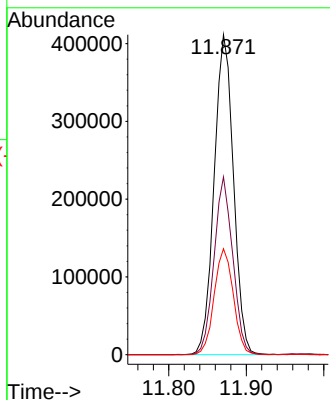
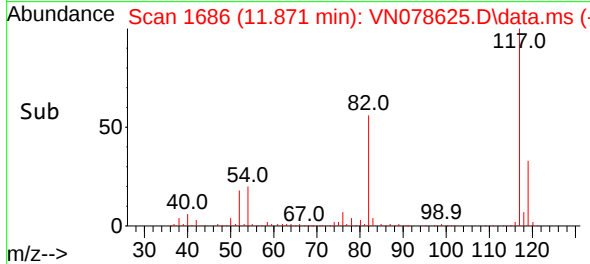
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME



Tgt Ion:117 Resp: 71315
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 33.1 25.6 38.4

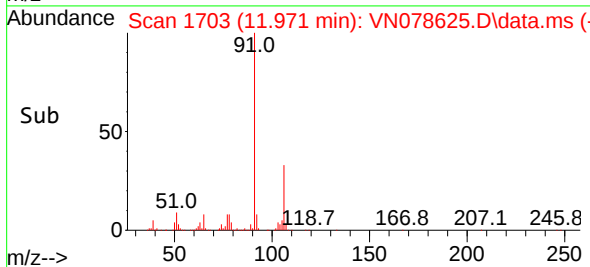
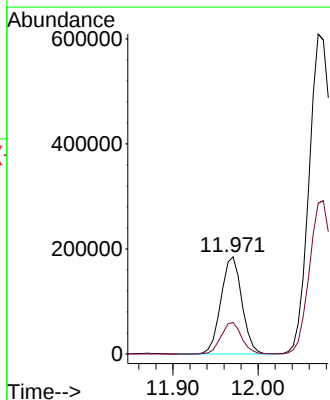
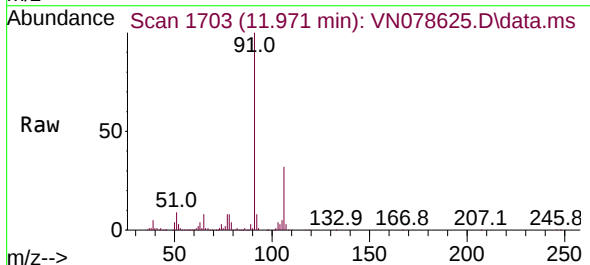
Manual Integrations
APPROVED

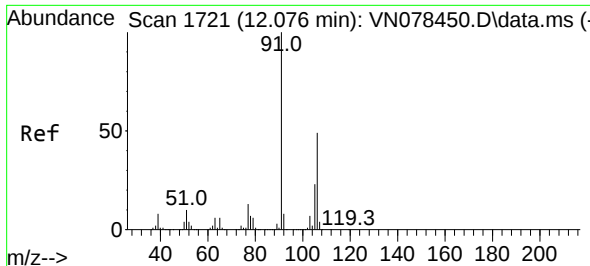
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#67
Ethyl Benzene
Concen: 11.721 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Tgt Ion: 91 Resp: 315828
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4





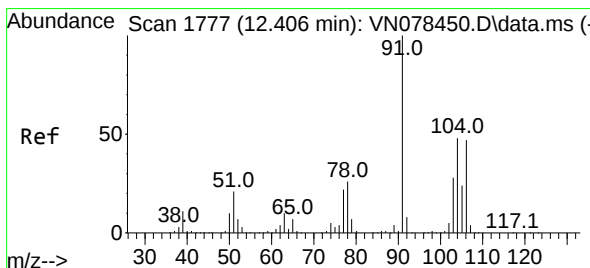
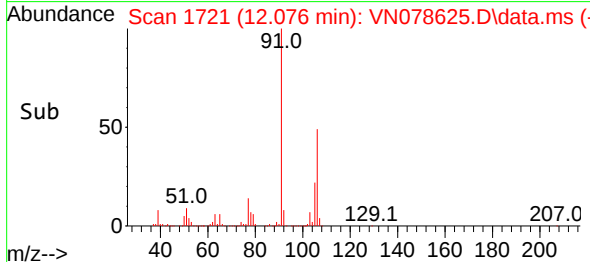
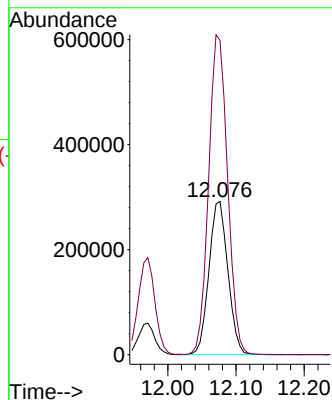
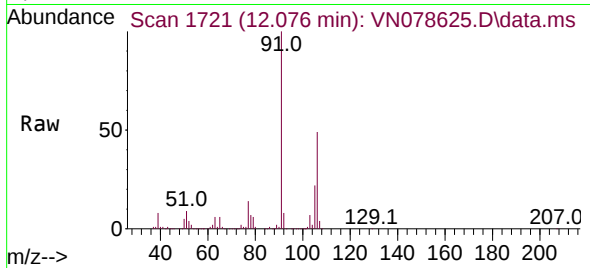
#68
m/p-Xylenes
Concen: 56.657 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

Tgt Ion:106 Resp: 56444
Ion Ratio Lower Upper
106 100
91 208.4 159.6 239.4

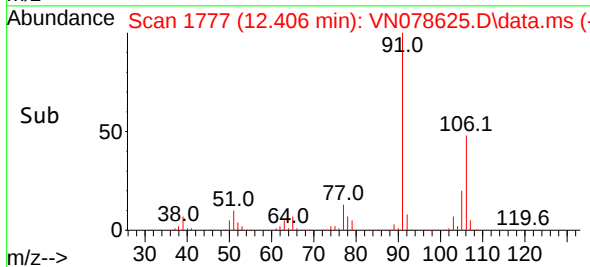
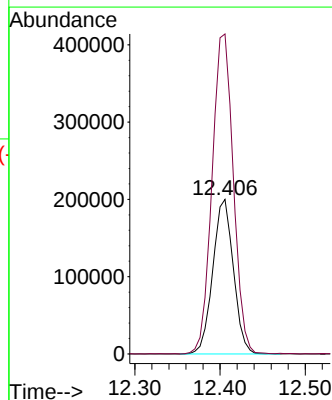
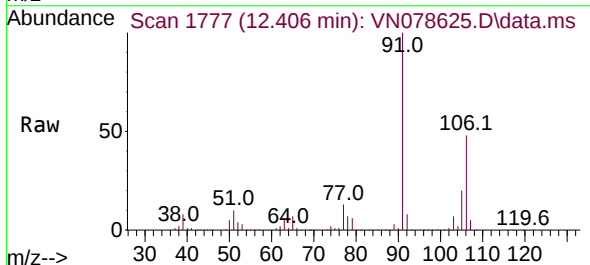
Manual Integrations
APPROVED

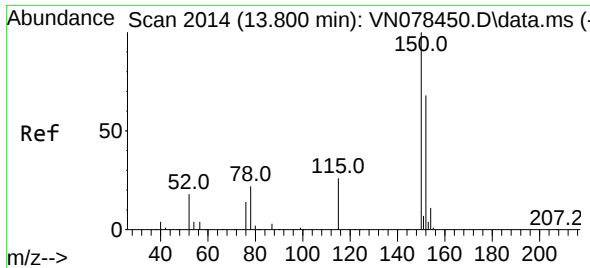
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#69
o-Xylene
Concen: 33.452 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Tgt Ion:106 Resp: 336613
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5





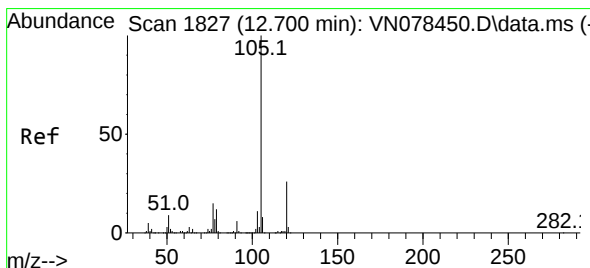
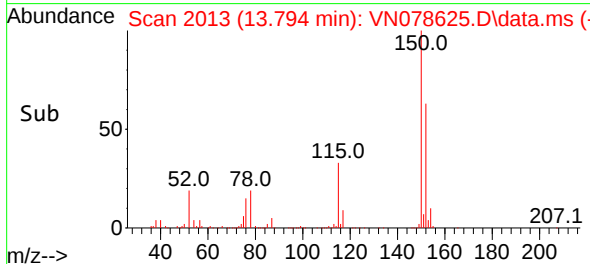
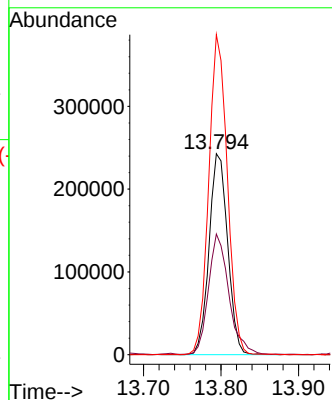
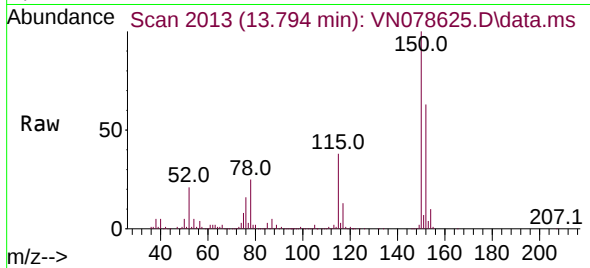
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME

Tgt Ion:152 Resp: 40428
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 159.1 0.0 355.8

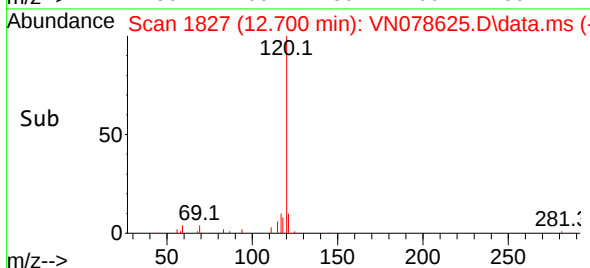
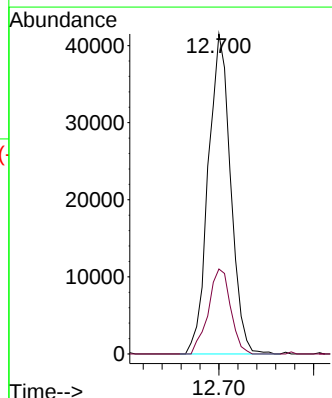
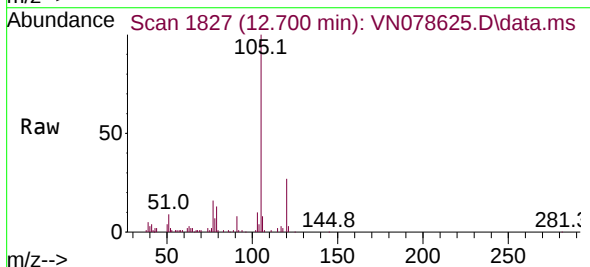
Manual Integrations
APPROVED

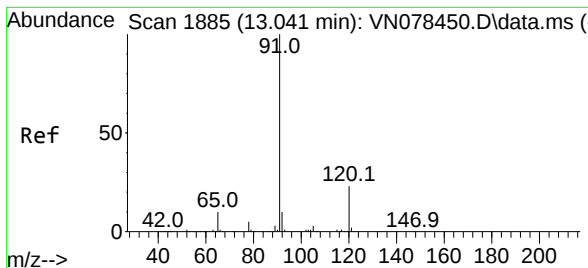
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#73
Isopropylbenzene
Concen: 1.791 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Tgt Ion:105 Resp: 68039
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1





#78

n-propylbenzene

Concen: 5.120 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078625.D

Acq: 21 Jul 2023 19:50

Instrument :

MSVOA_N

ClientSampleId :

SWC-1ME

Tgt Ion: 91 Resp: 20800

Ion Ratio Lower Upper

91 100

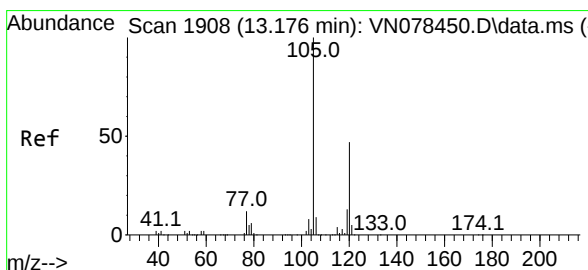
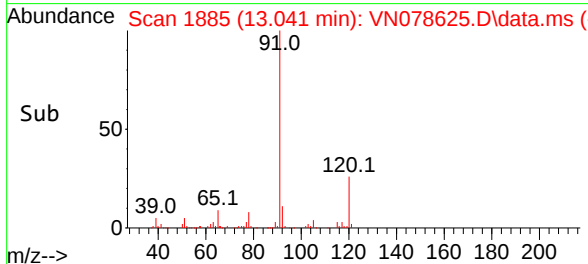
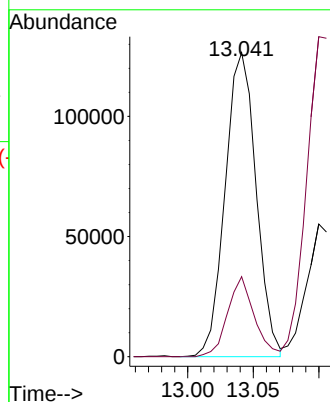
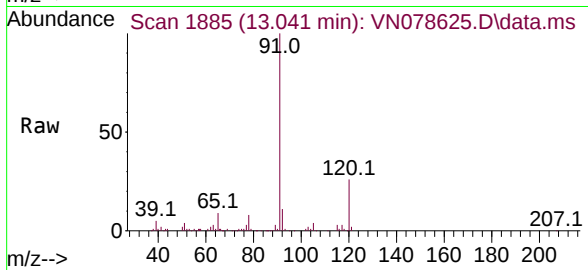
120 22.8 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#80

1,3,5-Trimethylbenzene

Concen: 13.632 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078625.D

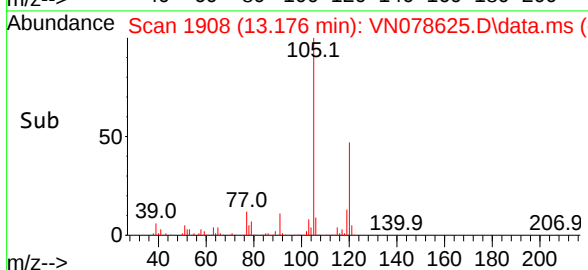
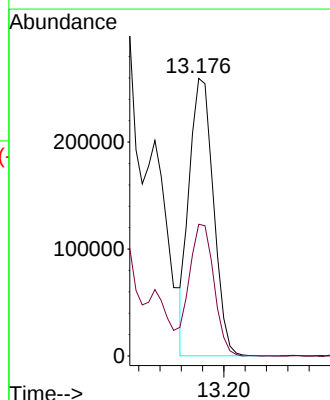
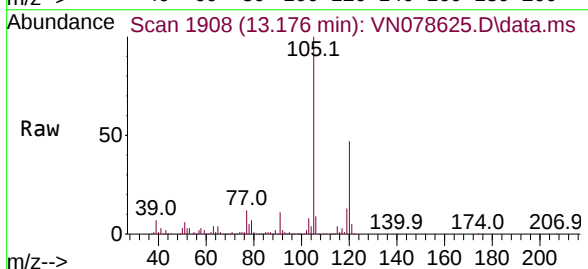
Acq: 21 Jul 2023 19:50

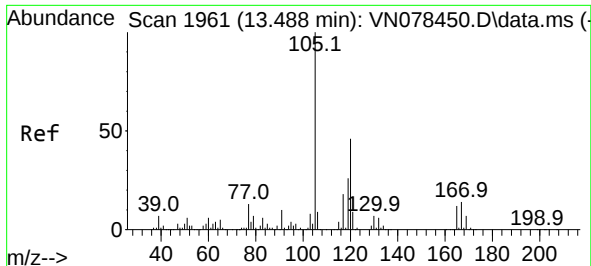
Tgt Ion:105 Resp: 409179

Ion Ratio Lower Upper

105 100

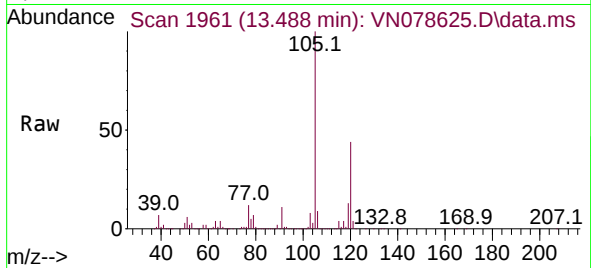
120 50.0 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 49.942 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

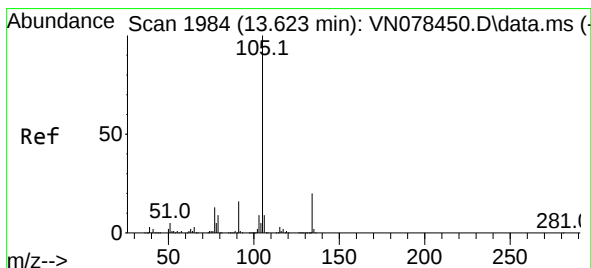
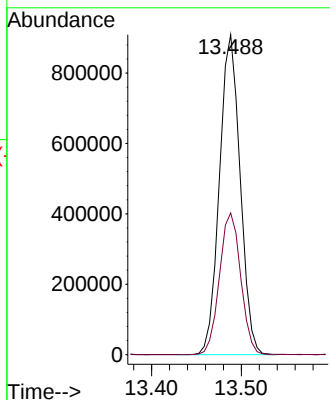
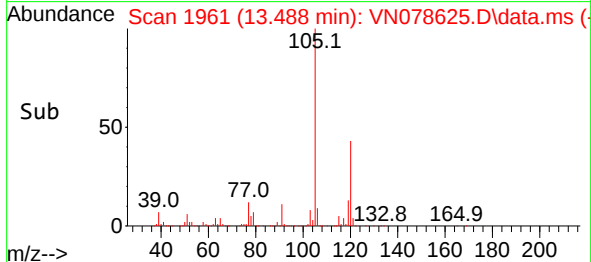
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME



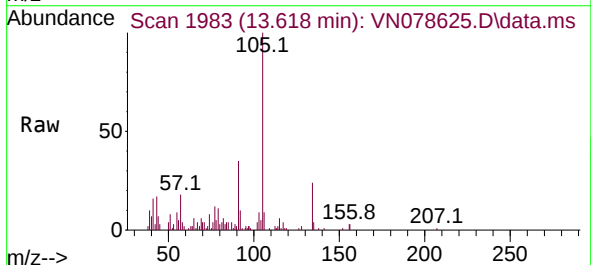
Tgt Ion:105 Resp: 1456050
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0

Manual Integrations
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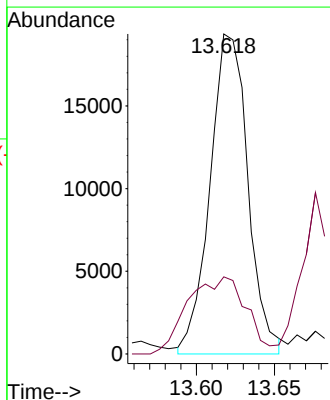
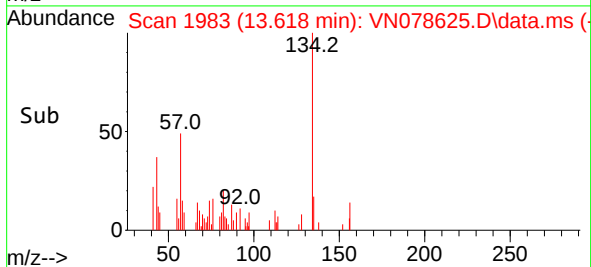
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

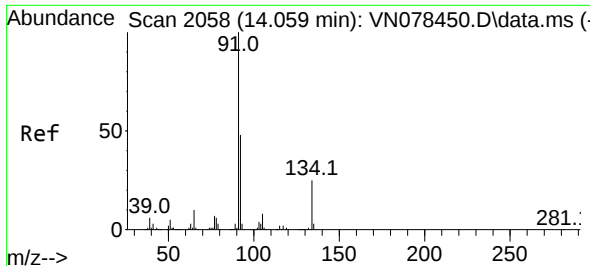


#85
sec-Butylbenzene
Concen: 1.014 ug/l m
RT: 13.618 min Scan# 1983
Delta R.T. -0.005 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50



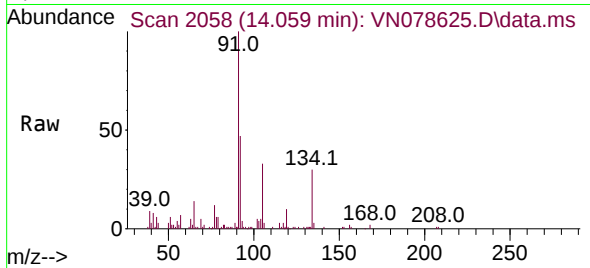
Tgt Ion:105 Resp: 32667
Ion Ratio Lower Upper
105 100
134 1.5 9.8 29.3#





#89
n-Butylbenzene
Concen: 2.394 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

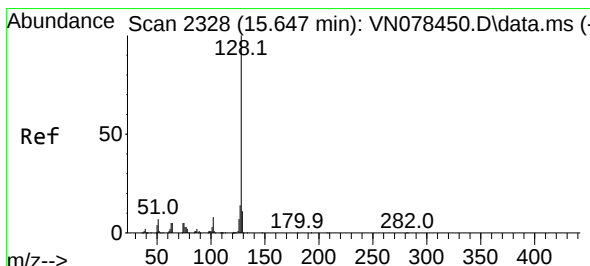
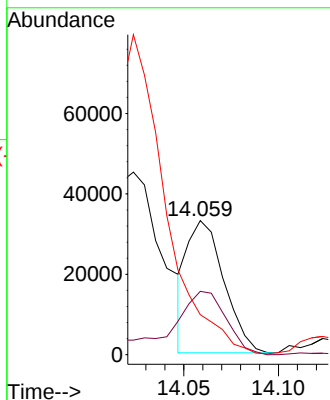
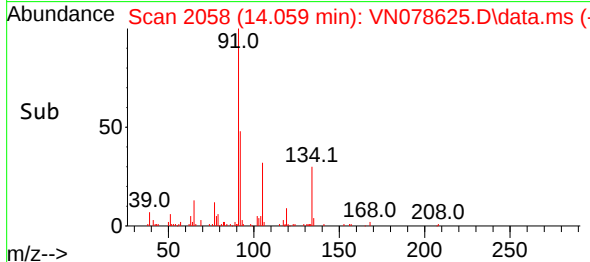
Instrument :
MSVOA_N
ClientSampleId :
SWC-1ME



Tgt Ion: 91 Resp: 44295
Ion Ratio Lower Upper
91 100
92 60.2 26.4 79.0
134 0.0 12.6 37.6

Manual Integrations
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Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#95
Naphthalene
Concen: 30.284 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078625.D
Acq: 21 Jul 2023 19:50

Tgt Ion:128 Resp: 479551
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.8 8.7 13.1

