

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074566.D
 Acq On : 17 Sep 2022 19:19
 Operator : JC\MD
 Sample : N4663-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SVE-03

Quant Time: Sep 19 02:58:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	250725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	484519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	229211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	196213	46.123	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.240%		
35) Dibromofluoromethane	7.945	113	168099	52.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.460%		
50) Toluene-d8	10.380	98	602496	48.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.800%		
62) 4-Bromofluorobenzene	12.674	95	233333	54.734	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.460%		
Target Compounds					Qvalue	
16) Acetone	4.240	43	7165m	2.632	ug/l	
31) Cyclohexane	8.016	56	17015	2.253	ug/l #	74
39) Methylcyclohexane	9.398	83	21405	3.160	ug/l	94
73) Isopropylbenzene	12.521	105	93925	4.002	ug/l	98
78) n-propylbenzene	12.862	91	132300	4.733	ug/l	92
83) tert-Butylbenzene	13.268	119	22614	1.299	ug/l	86
85) sec-Butylbenzene	13.445	105	110216	4.610	ug/l	89
89) n-Butylbenzene	13.886	91	28084	1.672	ug/l #	80

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

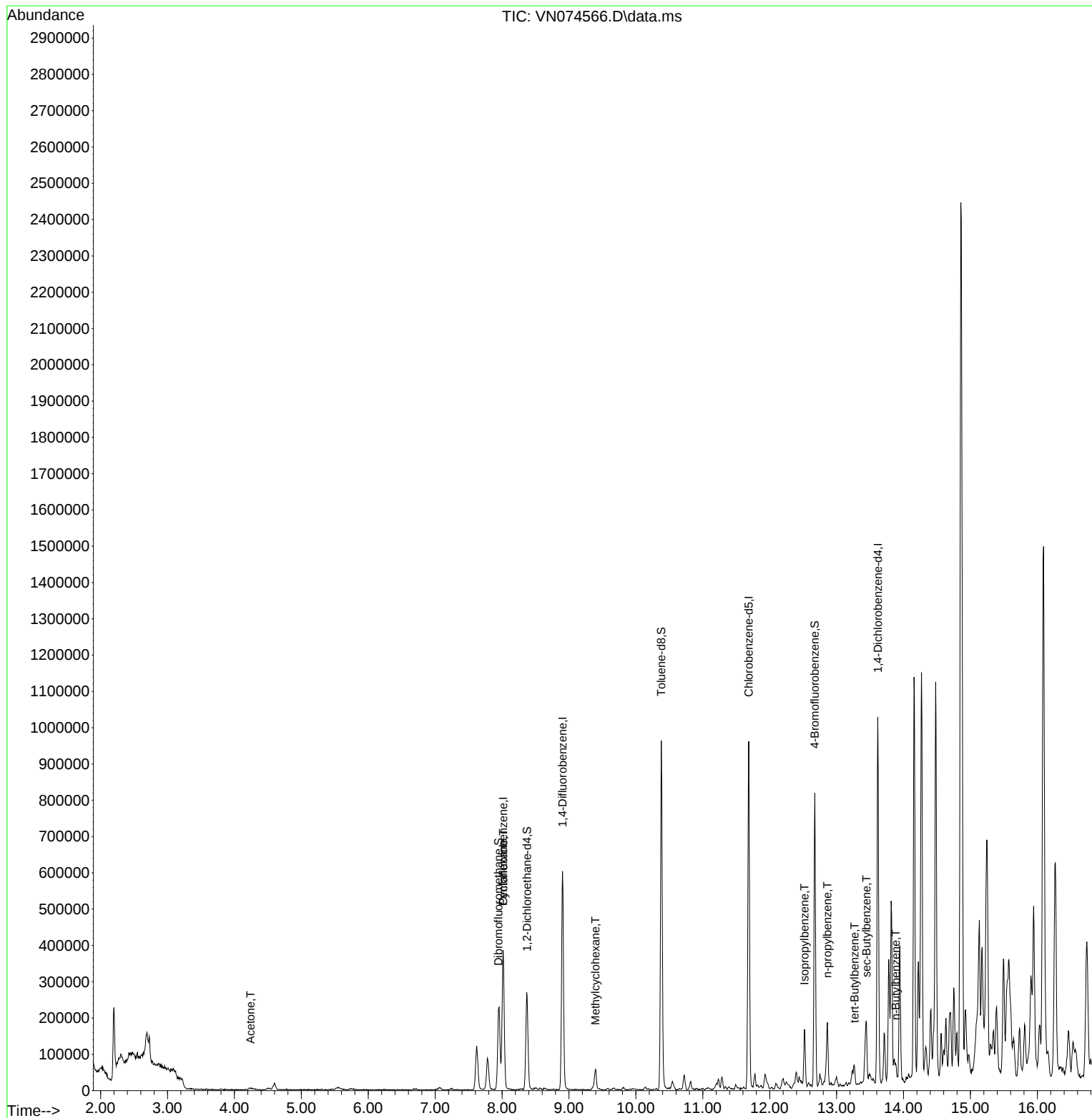
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074566.D
Acq On : 17 Sep 2022 19:19
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ALS Vial : 18 Sample Multiplier: 1

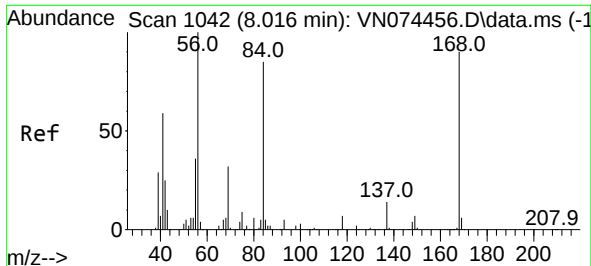
Instrument :
MSVOA_N
ClientSampleId :
SVE-03

Quant Time: Sep 19 02:58:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

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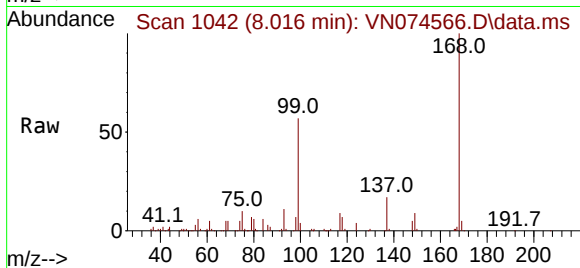
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Supervised By :Mahesh Dadoda 09/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074566.D
Acq: 17 Sep 2022 19:19

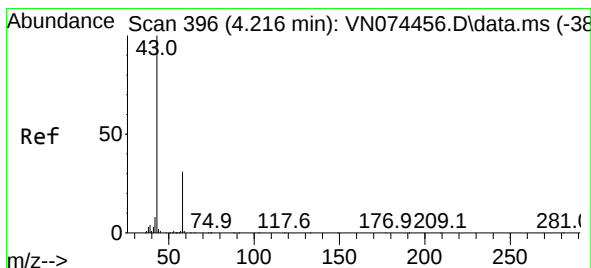
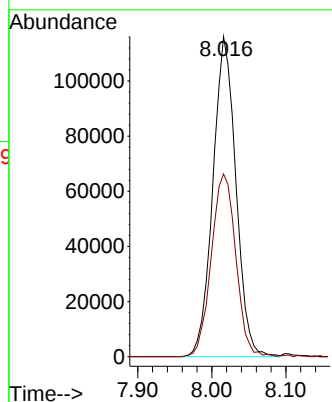
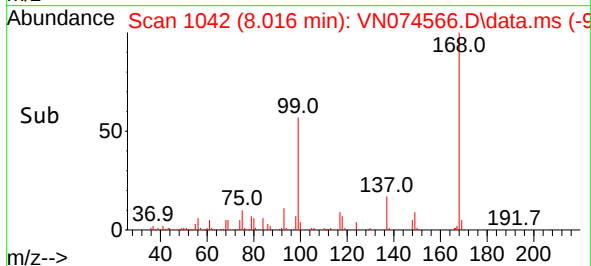
Instrument :
MSVOA_N
ClientSampleId :
SVE-03



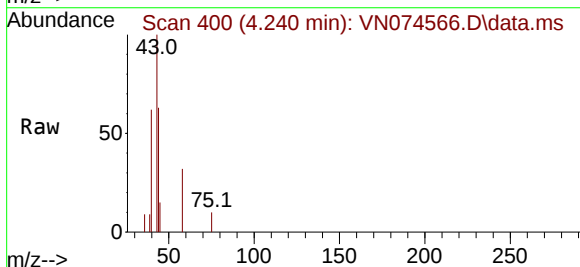
Tgt Ion:168 Resp: 250725
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5

Manual Integrations
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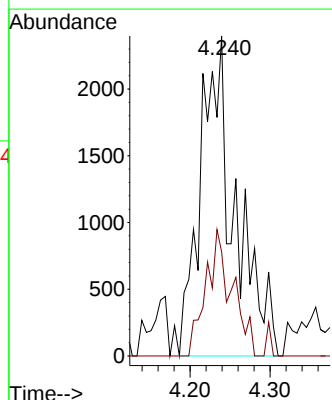
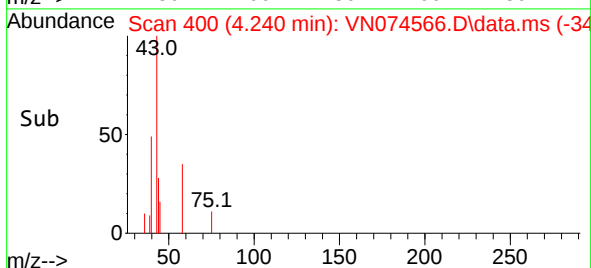
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

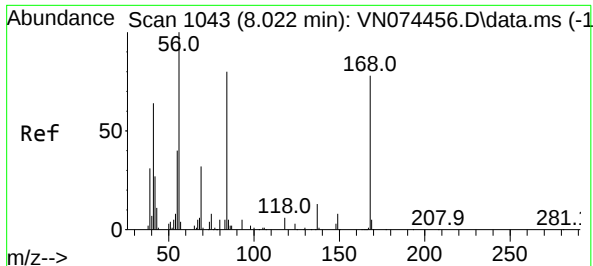


#16
Acetone
Concen: 2.632 ug/l m
RT: 4.240 min Scan# 400
Delta R.T. 0.024 min
Lab File: VN074566.D
Acq: 17 Sep 2022 19:19



Tgt Ion: 43 Resp: 7165
Ion Ratio Lower Upper
43 100
58 32.5 26.0 39.0





#31

Cyclohexane

Concen: 2.253 ug/l

RT: 8.016 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VN074566.D

Acq: 17 Sep 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

SVE-03

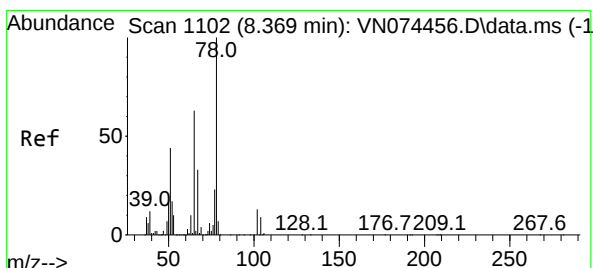
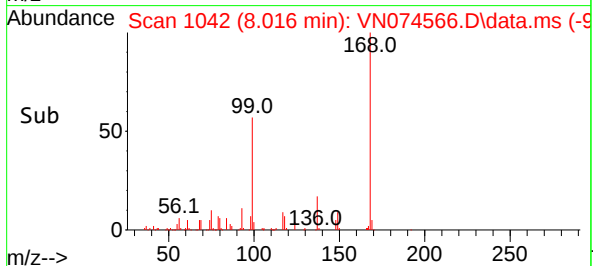
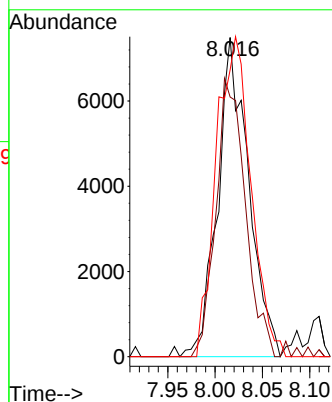
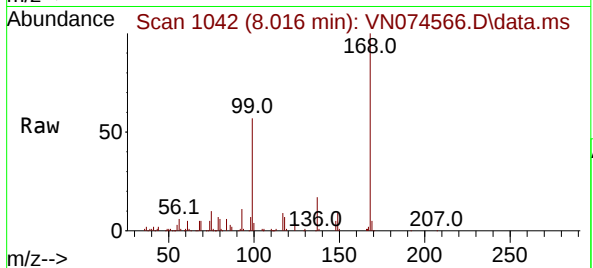
Tgt Ion: 56	Resp: 1701
Ion Ratio	Lower Upper
56	100
69	81.4 27.8 41.8
84	89.8 76.9 115.3

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 46.123 ug/l

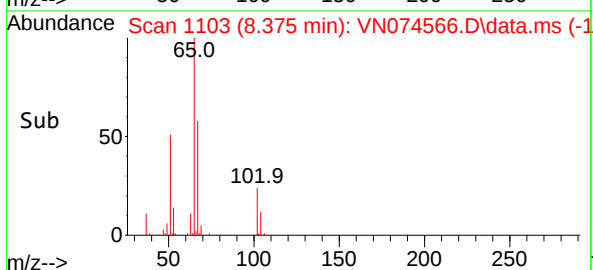
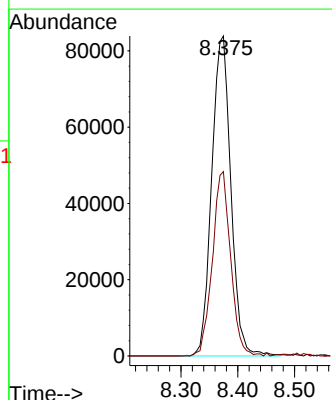
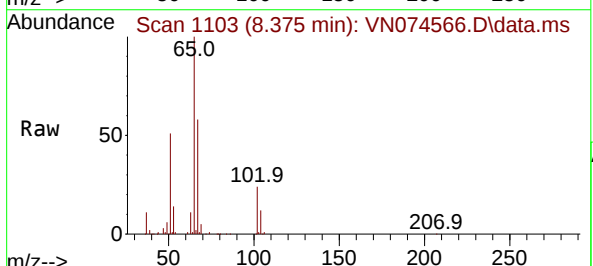
RT: 8.375 min Scan# 1103

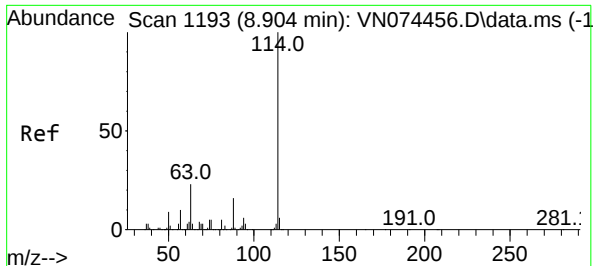
Delta R.T. 0.006 min

Lab File: VN074566.D

Acq: 17 Sep 2022 19:19

Tgt Ion: 65	Resp: 196213
Ion Ratio	Lower Upper
65	100
67	54.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074566.D

Acq: 17 Sep 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

SVE-03

Tgt Ion:114 Resp: 48450

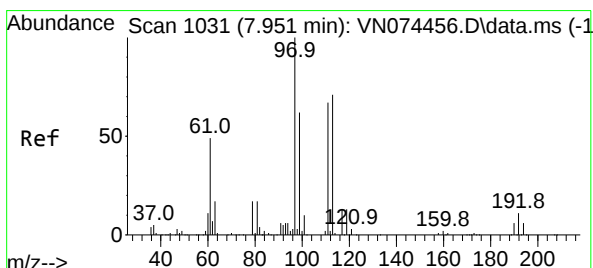
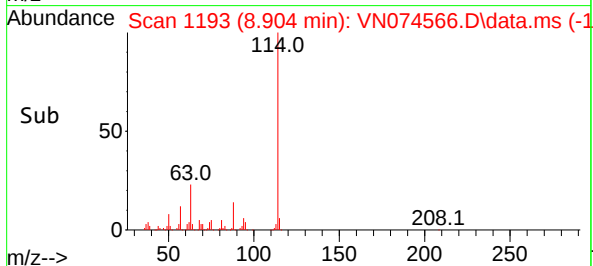
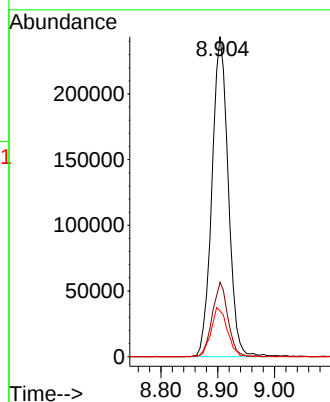
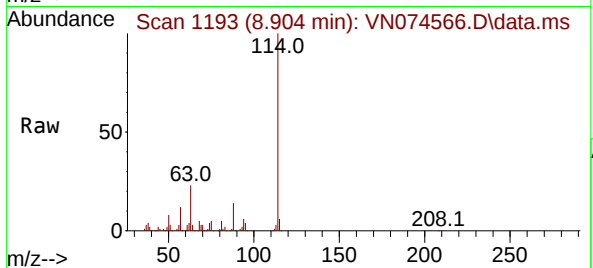
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	40.0
88	14.3	0.0	32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 52.230 ug/l

RT: 7.945 min Scan# 1030

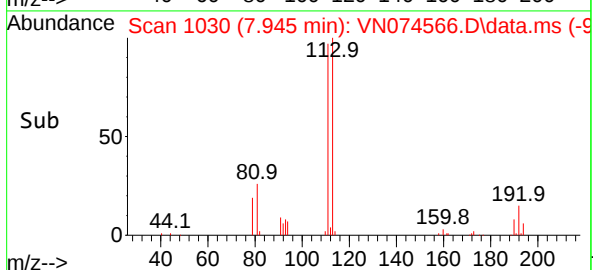
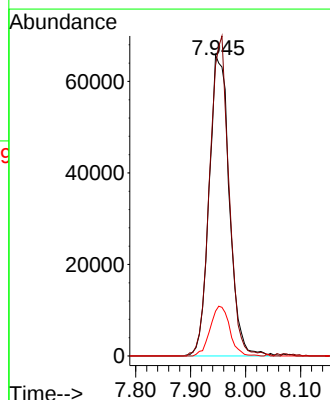
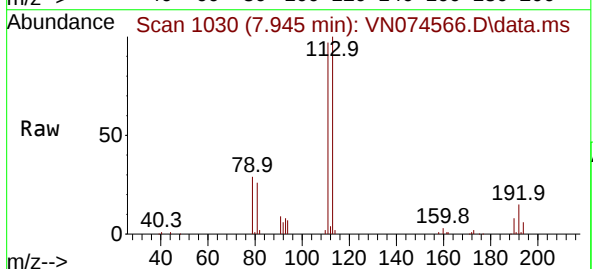
Delta R.T. -0.006 min

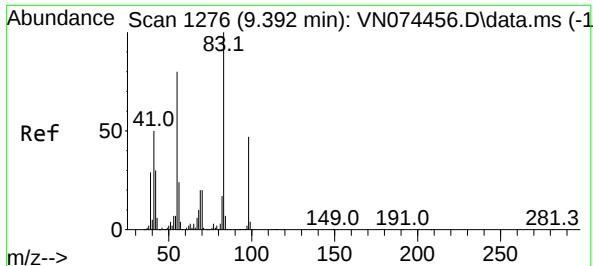
Lab File: VN074566.D

Acq: 17 Sep 2022 19:19

Tgt Ion:113 Resp: 168099

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.0
192	16.0	17.0	25.6





#39

Methylcyclohexane

Concen: 3.160 ug/l

RT: 9.398 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VN074566.D

Acq: 17 Sep 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

SVE-03

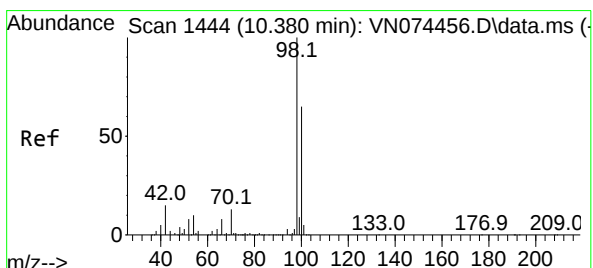
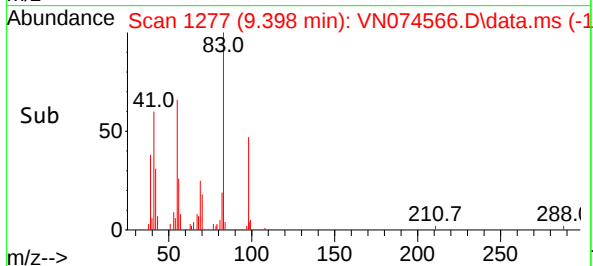
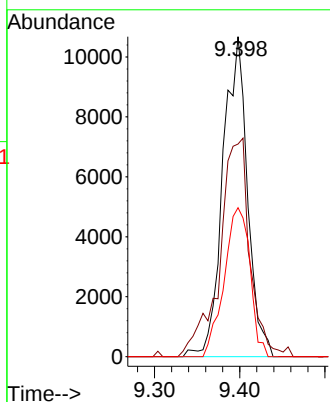
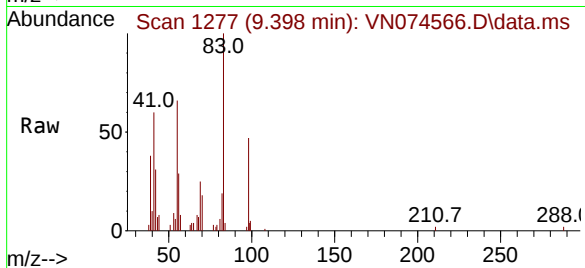
Tgt Ion:	83	Resp:	2140
Ion	Ratio	Lower	Upper
83	100		
55	66.5	57.8	86.8
98	46.6	39.4	59.2

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2022



#50

Toluene-d8

Concen: 48.405 ug/l

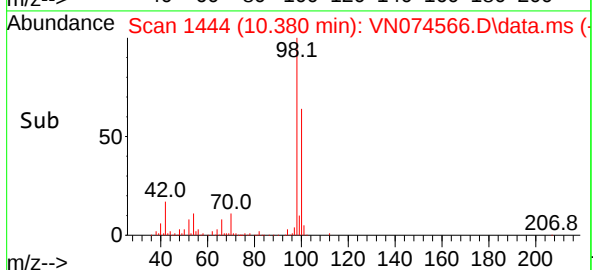
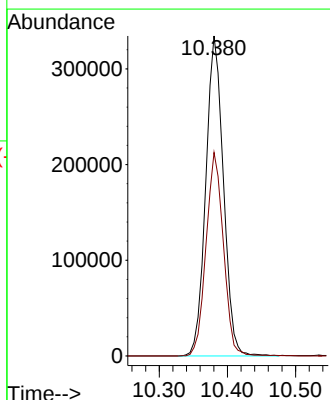
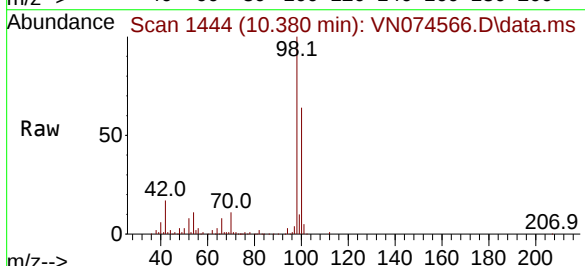
RT: 10.380 min Scan# 1444

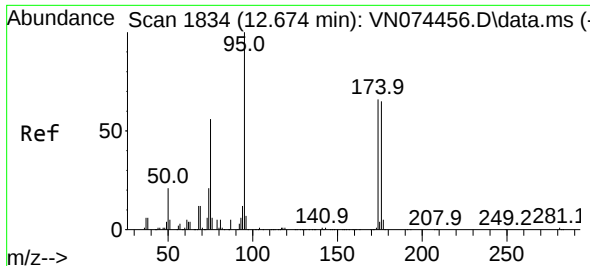
Delta R.T. 0.000 min

Lab File: VN074566.D

Acq: 17 Sep 2022 19:19

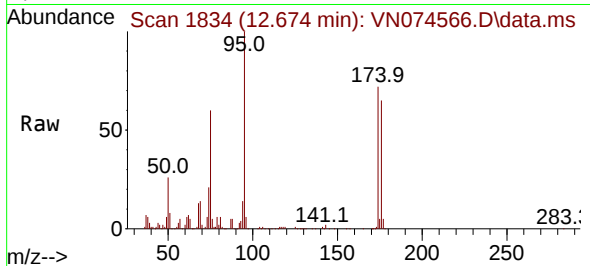
Tgt Ion:	98	Resp:	602496
Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.6	78.8





#62
4-Bromofluorobenzene
Concen: 54.734 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074566.D
Acq: 17 Sep 2022 19:19

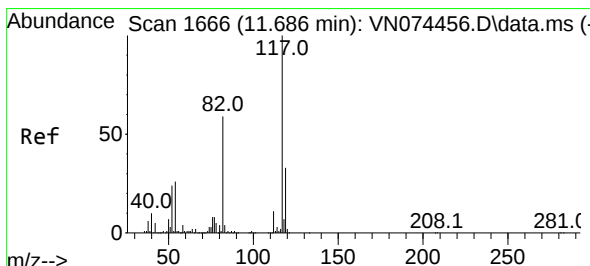
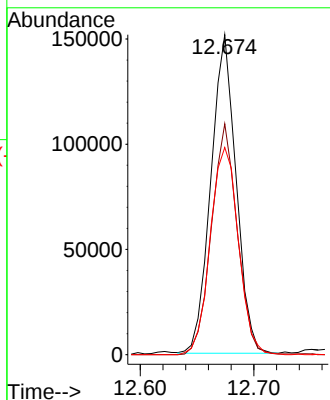
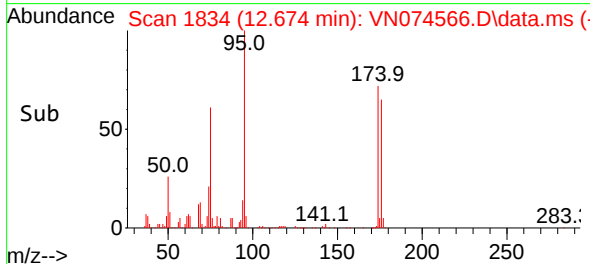
Instrument :
MSVOA_N
ClientSampleId :
SVE-03



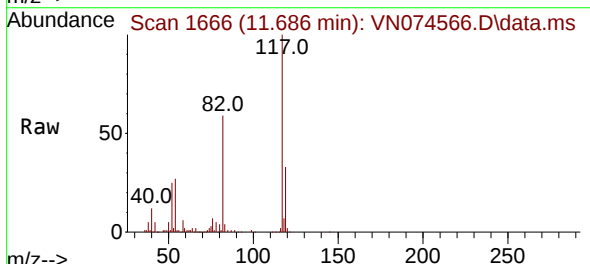
Tgt Ion: 95 Resp: 23333
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 72.6 0.0 163.4

Manual Integrations
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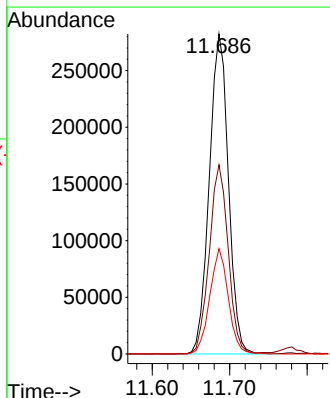
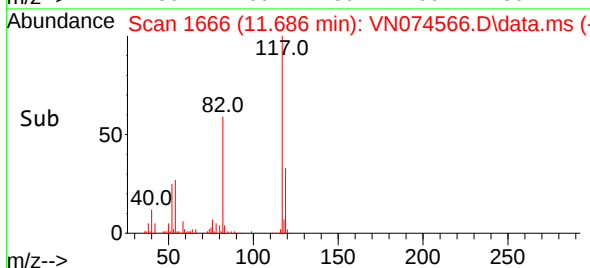
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

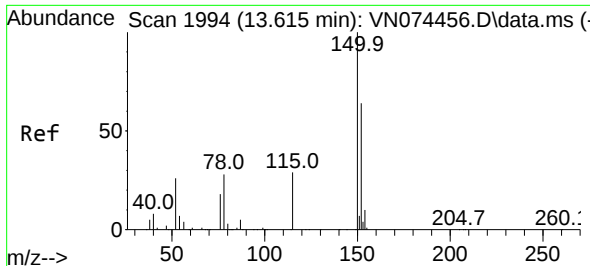


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074566.D
Acq: 17 Sep 2022 19:19



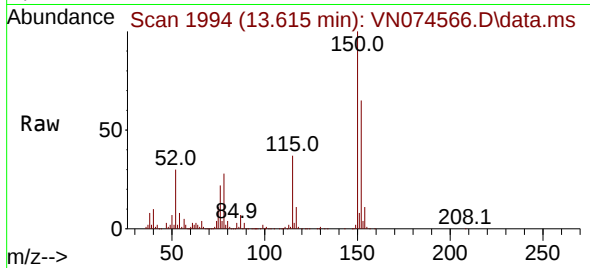
Tgt Ion:117 Resp: 484519
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 32.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074566.D
 Acq: 17 Sep 2022 19:19

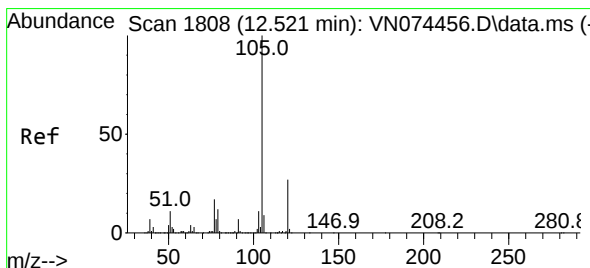
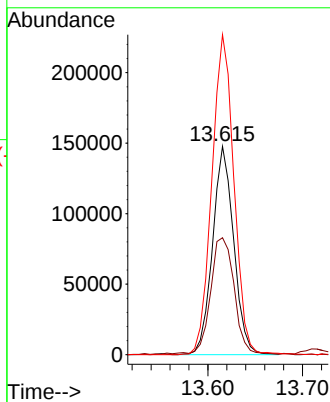
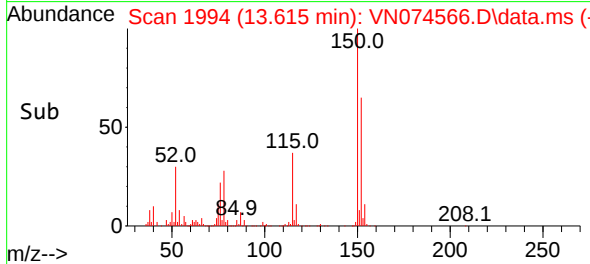
Instrument :
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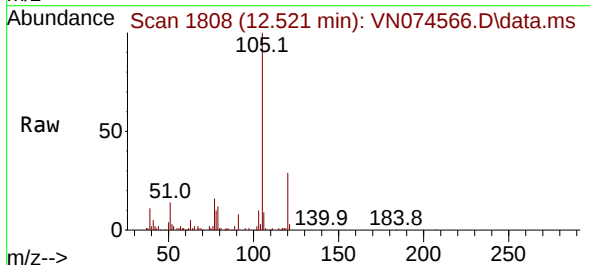
Tgt Ion:152 Resp: 22921
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.9 86.7
 150 160.3 0.0 356.2

Manual Integrations
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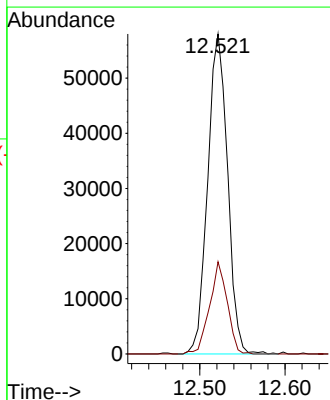
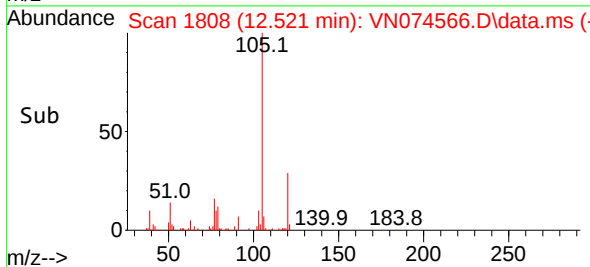
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 Supervised By :Mahesh Dadoda 09/19/2022

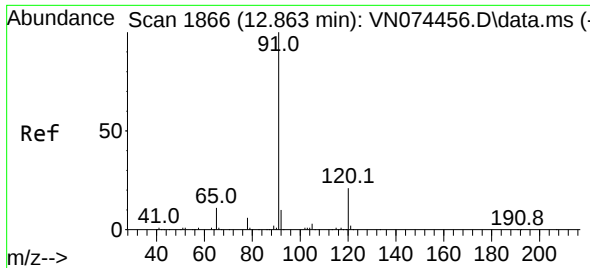


#73
 Isopropylbenzene
 Concen: 4.002 ug/l
 RT: 12.521 min Scan# 1808
 Delta R.T. 0.000 min
 Lab File: VN074566.D
 Acq: 17 Sep 2022 19:19



Tgt Ion:105 Resp: 93925
 Ion Ratio Lower Upper
 105 100
 120 25.6 13.5 40.4





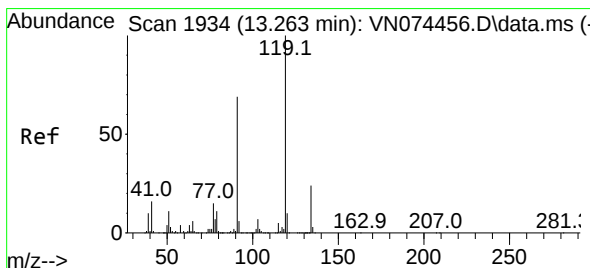
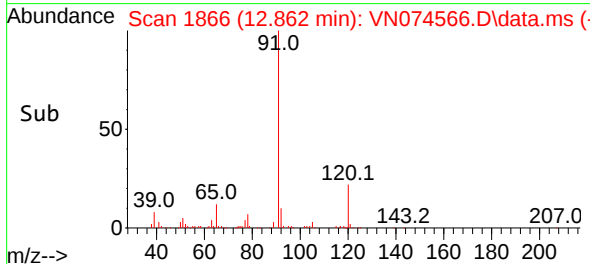
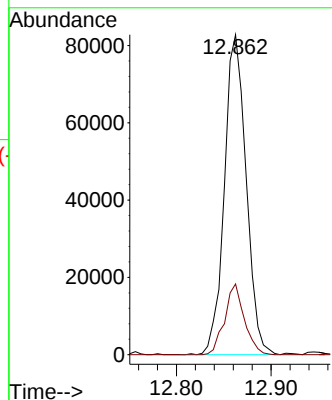
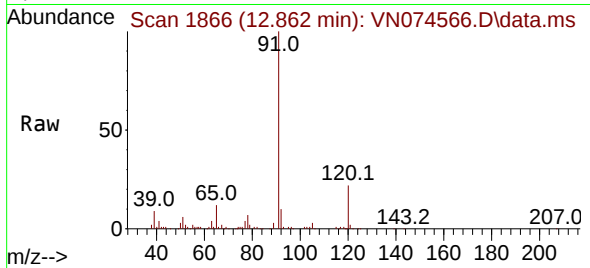
#78
n-propylbenzene
Concen: 4.733 ug/l
RT: 12.862 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VN074566.D
Acq: 17 Sep 2022 19:19

Instrument :
MSVOA_N
ClientSampleId :
SVE-03

Tgt Ion: 91 Resp: 132300
Ion Ratio Lower Upper
91 100
120 20.0 11.9 35.5

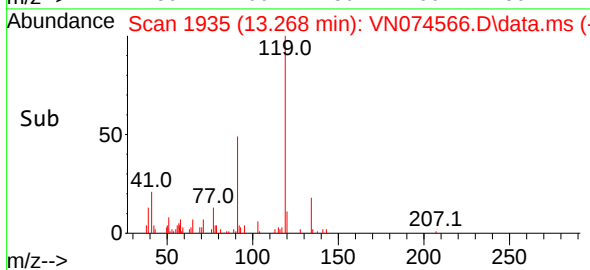
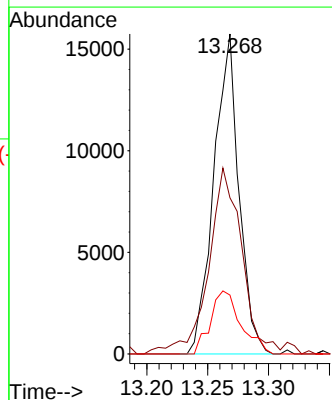
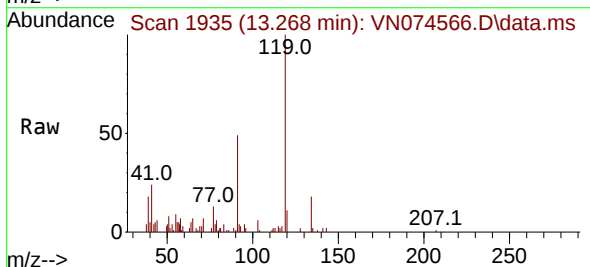
Manual Integrations
APPROVED

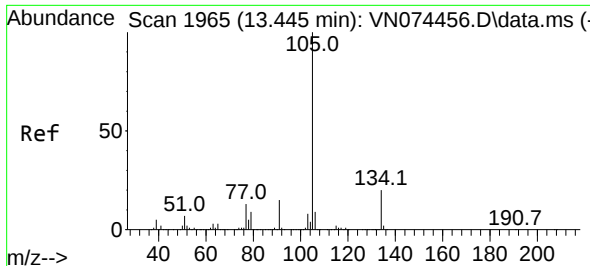
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#83
tert-Butylbenzene
Concen: 1.299 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN074566.D
Acq: 17 Sep 2022 19:19

Tgt Ion:119 Resp: 22614
Ion Ratio Lower Upper
119 100
91 76.8 31.6 94.8
134 23.9 13.7 41.1





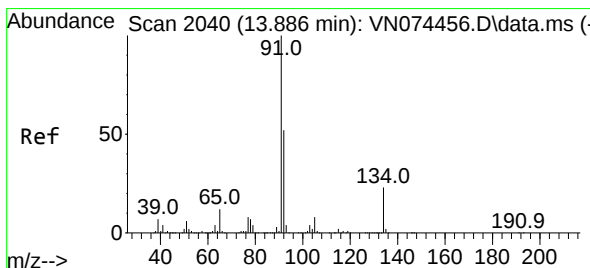
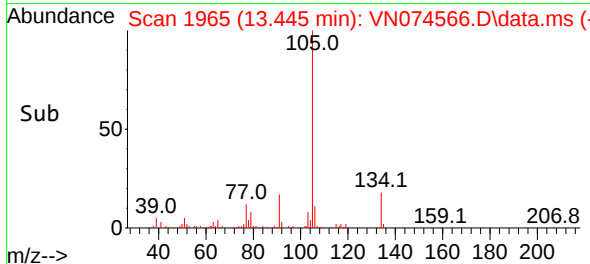
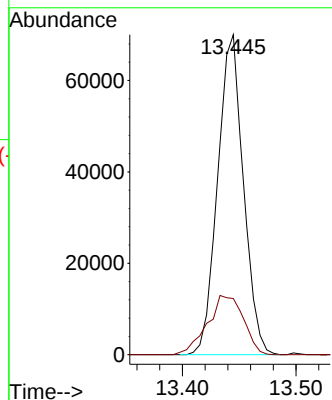
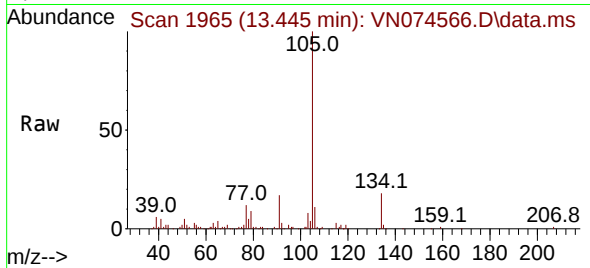
#85
 sec-Butylbenzene
 Concen: 4.610 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074566.D
 Acq: 17 Sep 2022 19:19

Instrument : MSVOA_N
 ClientSampleId : SVE-03

Tgt Ion:105 Resp: 110210
 Ion Ratio Lower Upper
 105 100
 134 25.8 10.4 31.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#89
 n-Butylbenzene
 Concen: 1.672 ug/l
 RT: 13.886 min Scan# 2040
 Delta R.T. -0.000 min
 Lab File: VN074566.D
 Acq: 17 Sep 2022 19:19

Tgt Ion: 91 Resp: 28084
 Ion Ratio Lower Upper
 91 100
 92 45.7 26.9 80.7
 134 46.6 13.6 40.8#

