

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074517.D
 Acq On : 16 Sep 2022 18:02
 Operator : JC\MD
 Sample : N4447-03 100X
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1659DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 16 22:34:46 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

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	325024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	615028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	602443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	289907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	232123	42.091	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.180%		
35) Dibromofluoromethane	7.951	113	194064	47.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.000%		
50) Toluene-d8	10.381	98	740721	46.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.760%		
62) 4-Bromofluorobenzene	12.675	95	296254	54.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.500%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	8465	2.399	ug/l	96
20) Methylene Chloride	4.999	84	4128m	0.797	ug/l	
31) Cyclohexane	8.028	56	31615	3.230	ug/l #	88
39) Methylcyclohexane	9.392	83	112002	13.025	ug/l	96
67) Ethyl Benzene	11.786	91	72222	2.601	ug/l #	85
68) m/p-Xylenes	11.886	106	106561	10.380	ug/l	95
73) Isopropylbenzene	12.522	105	33661	1.134	ug/l	93
78) n-propylbenzene	12.863	91	55481	1.569	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	125242	5.176	ug/l	98
85) sec-Butylbenzene	13.445	105	17751	0.587	ug/l #	24
86) p-Isopropyltoluene	13.557	119	18924	0.803	ug/l	91
89) n-Butylbenzene	13.880	91	12677	0.597	ug/l #	74
95) Naphthalene	15.439	128	70068	4.323	ug/l #	93

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

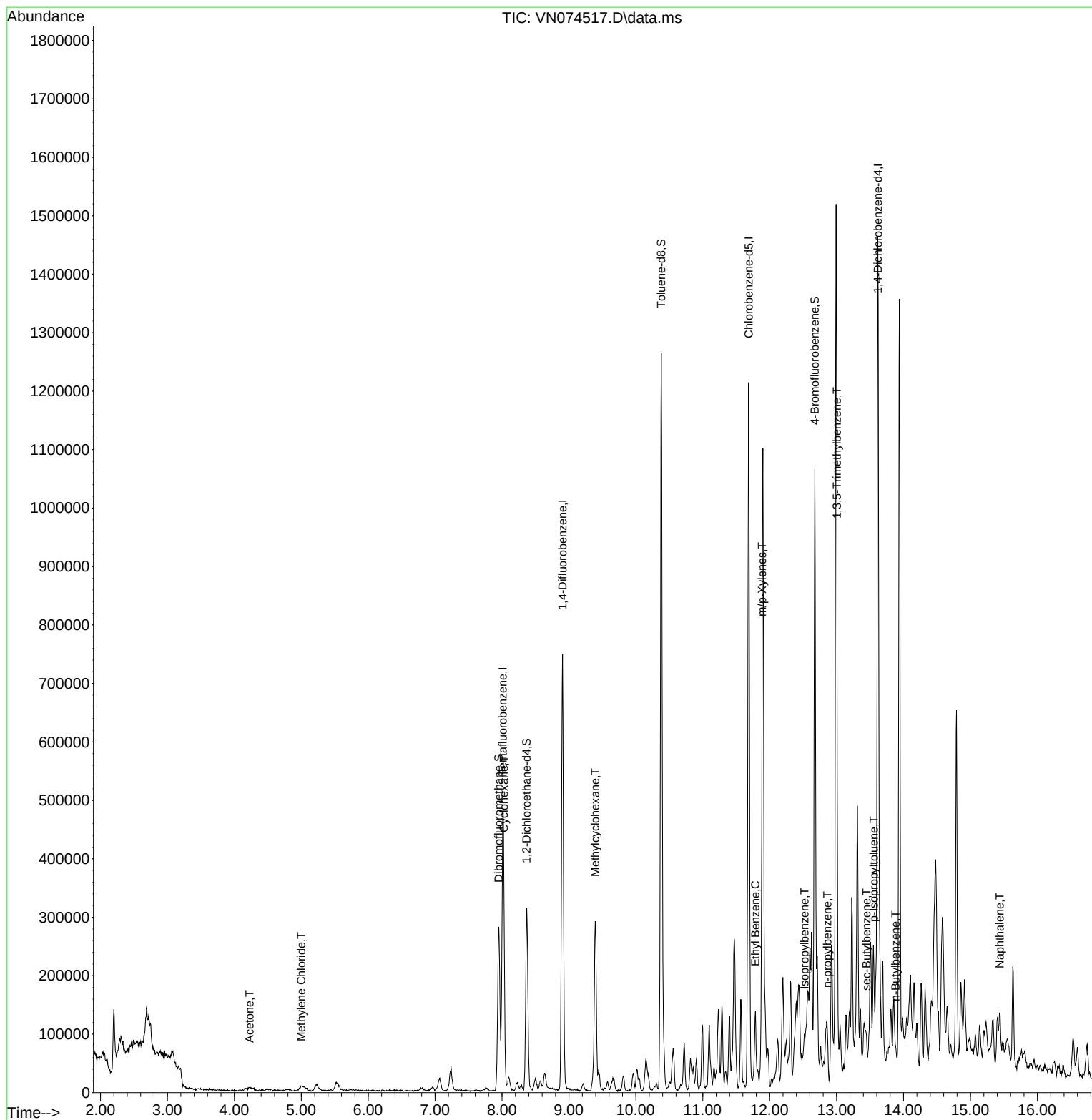
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
Data File : VN074517.D
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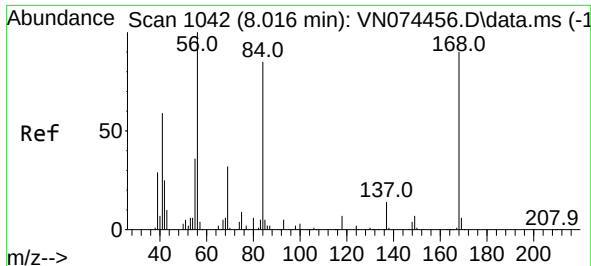
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL

Quant Time: Sep 16 22:34:46 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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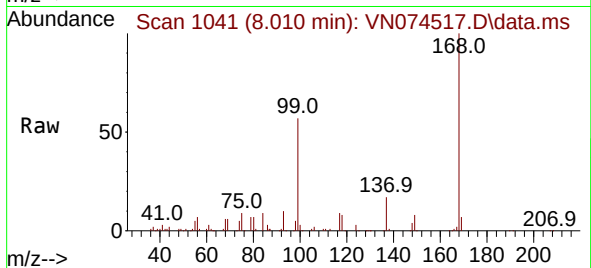
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

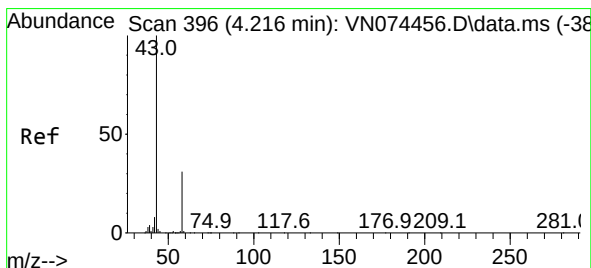
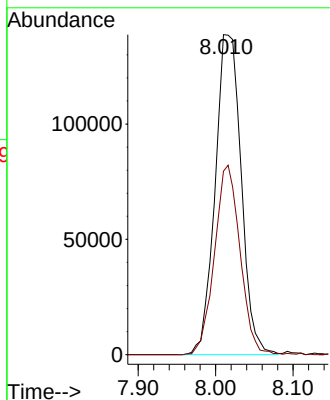
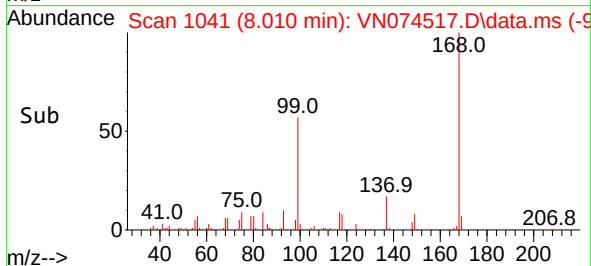
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL



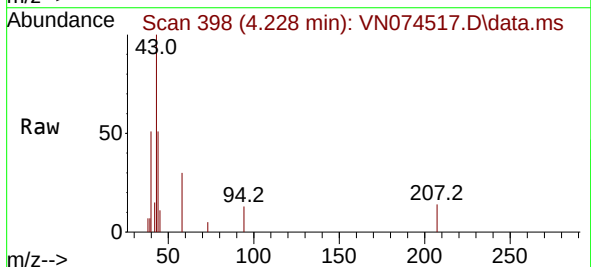
Tgt Ion: 168 Resp: 325024
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5

Manual Integrations
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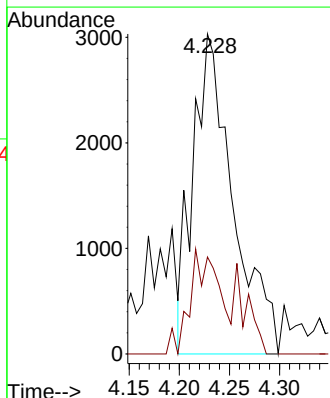
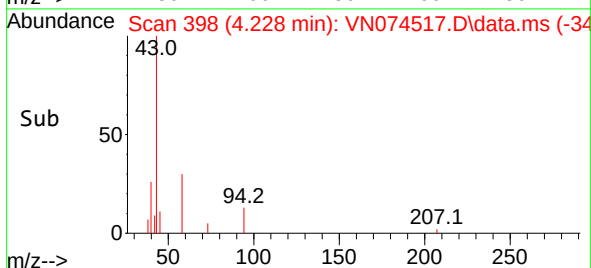
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

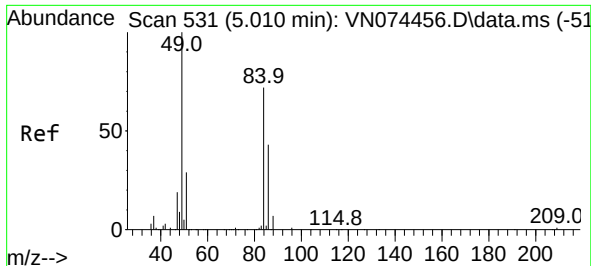


#16
Acetone
Concen: 2.399 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02



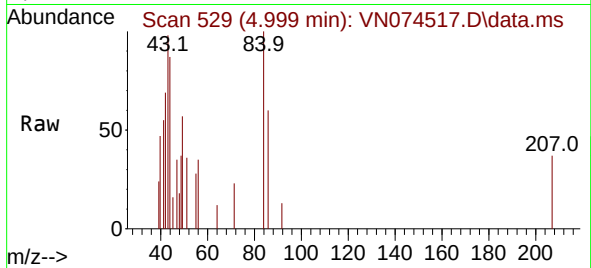
Tgt Ion: 43 Resp: 8465
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0





#20
Methylene Chloride
Concen: 0.797 ug/l m
RT: 4.999 min Scan# 51
Delta R.T. -0.011 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL

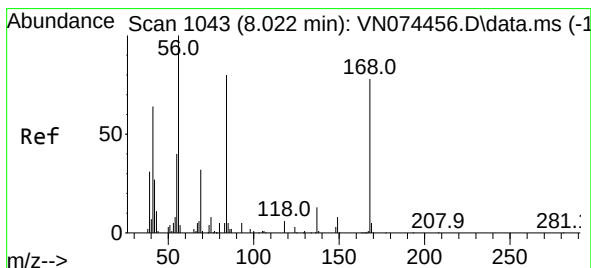
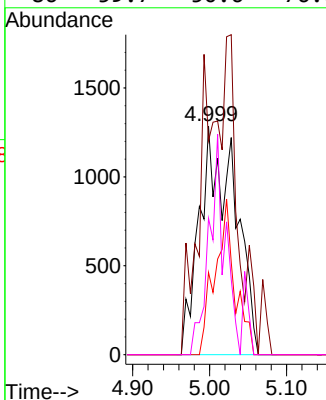
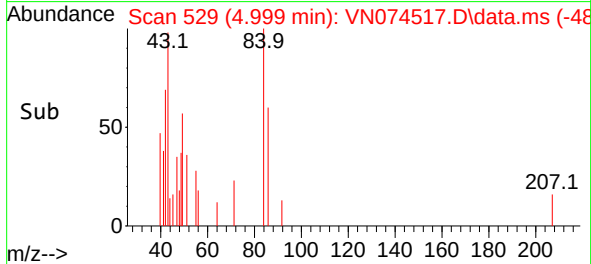


Tgt Ion: 84 Resp: 4128

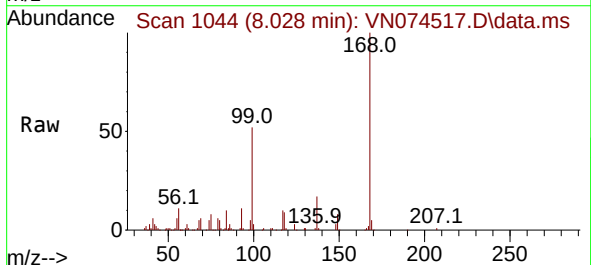
Ion	Ratio	Lower	Upper
84	100		
49	56.8	88.3	132.5
51	36.0	28.2	42.2
86	59.7	50.6	76.0

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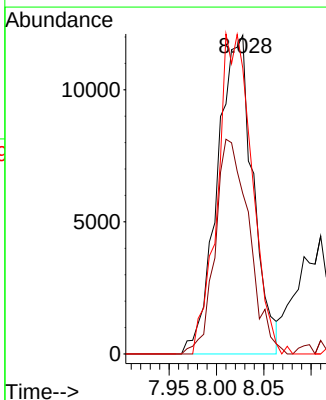
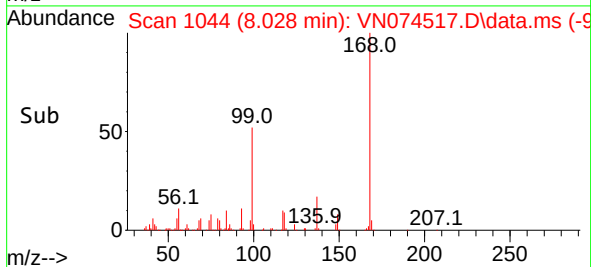


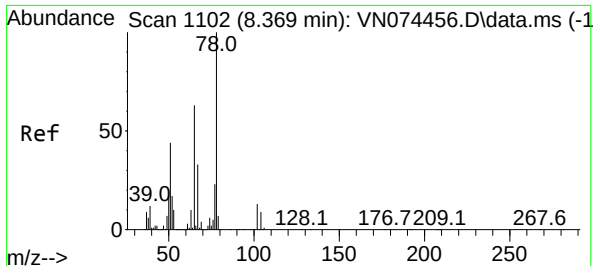
#31
Cyclohexane
Concen: 3.230 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02



Tgt Ion: 56 Resp: 31615

Ion	Ratio	Lower	Upper
56	100		
69	50.3	27.8	41.8
84	89.7	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 42.091 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074517.D

Acq: 16 Sep 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

AUD-1659DL

Tgt Ion: 65 Resp: 23212

Ion Ratio Lower Upper

65 100

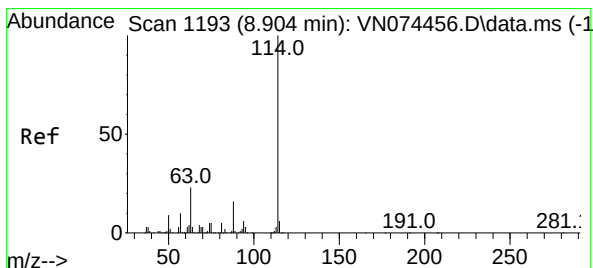
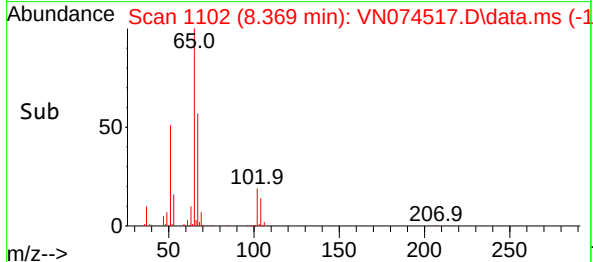
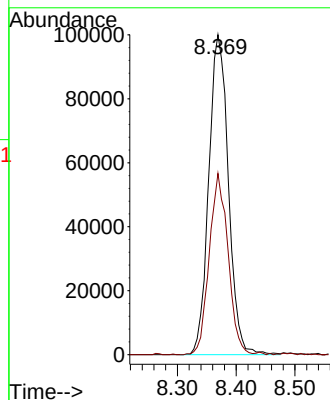
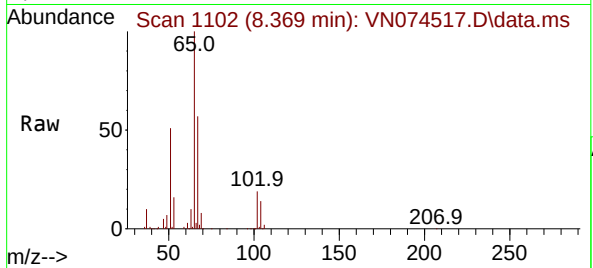
67 54.2 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074517.D

Acq: 16 Sep 2022 18:02

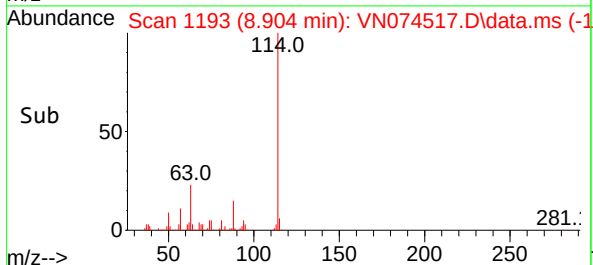
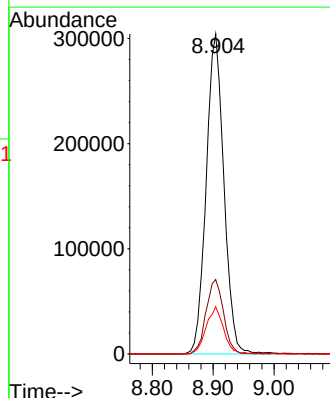
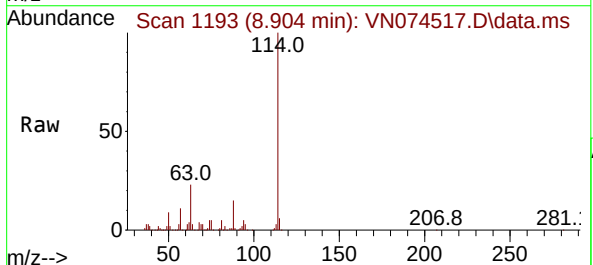
Tgt Ion:114 Resp: 615028

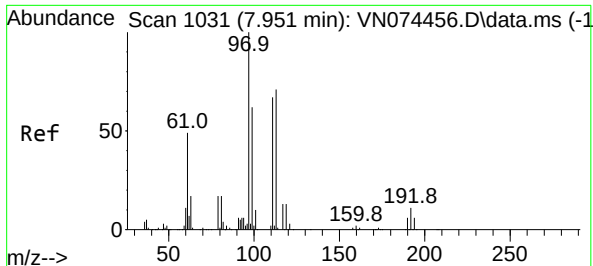
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.500 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074517.D

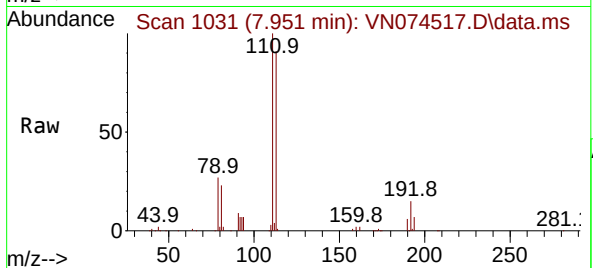
Acq: 16 Sep 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

AUD-1659DL



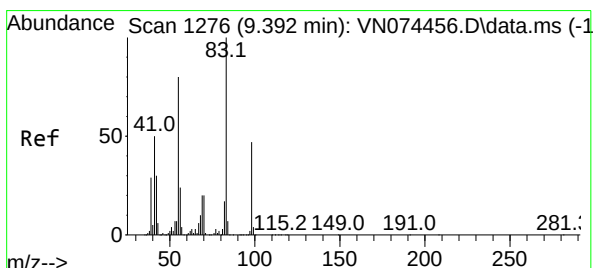
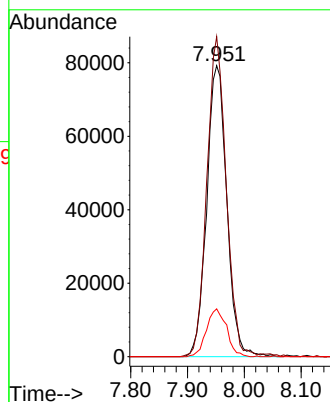
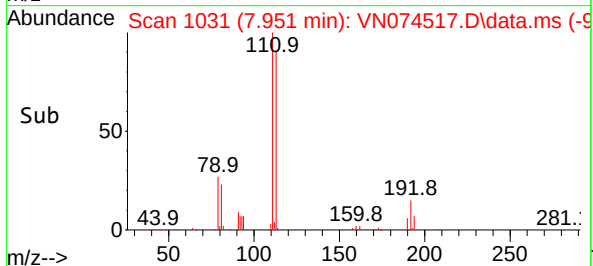
Tgt Ion:	113	Resp:	194064
Ion Ratio	Lower	Upper	
113	100		
111	105.9	81.4	122.0
192	16.5	17.0	25.6

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Reviewed By :Krupa Patel 09/22/2022

Supervised By :Mahesh Dadoda 09/22/2022



#39

Methylcyclohexane

Concen: 13.025 ug/l

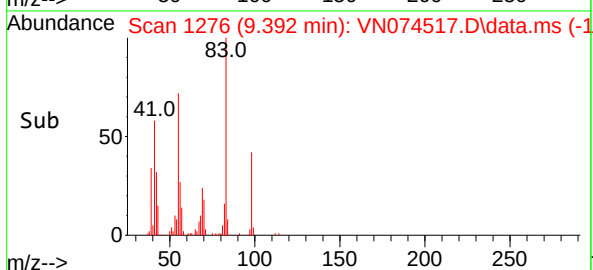
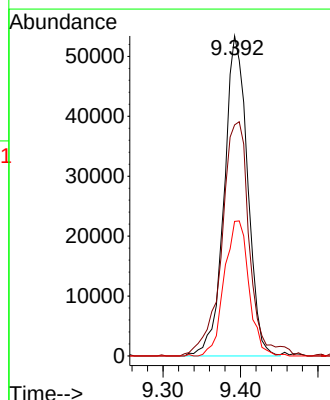
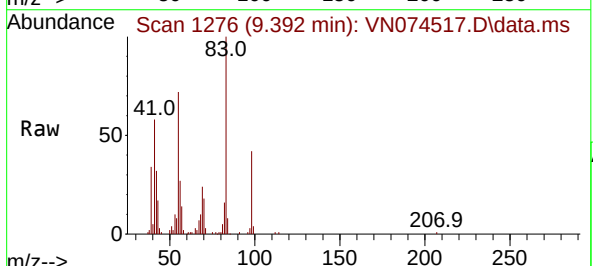
RT: 9.392 min Scan# 1276

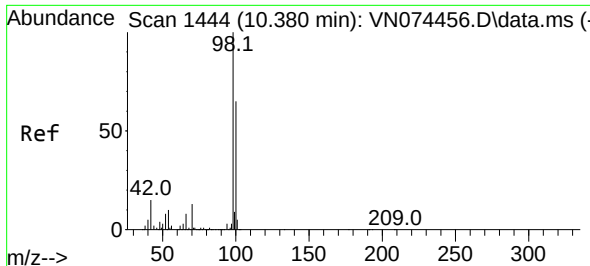
Delta R.T. 0.000 min

Lab File: VN074517.D

Acq: 16 Sep 2022 18:02

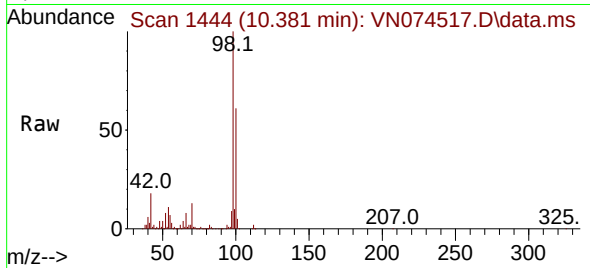
Tgt Ion:	83	Resp:	112002
Ion Ratio	Lower	Upper	
83	100		
55	72.2	57.8	86.8
98	42.0	39.4	59.2





#50
Toluene-d8
Concen: 46.880 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

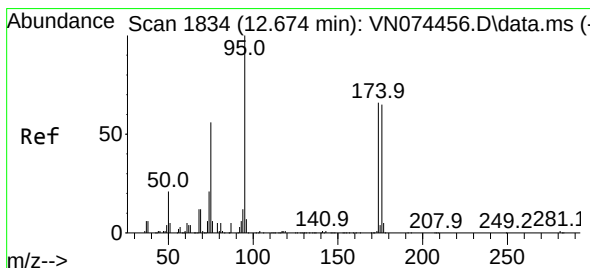
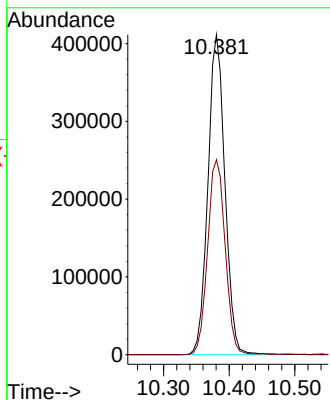
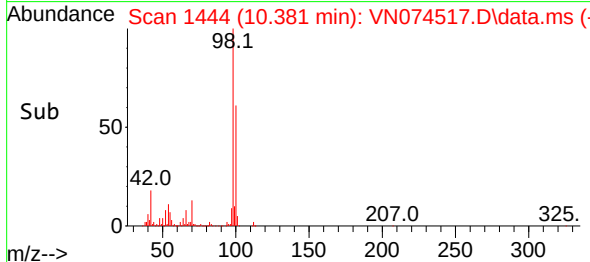
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL



Tgt Ion: 98 Resp: 74072
Ion Ratio Lower Upper
98 100
100 63.1 52.6 78.8

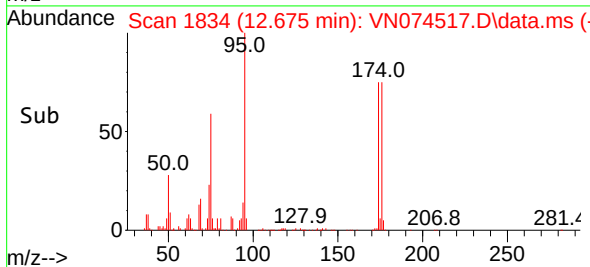
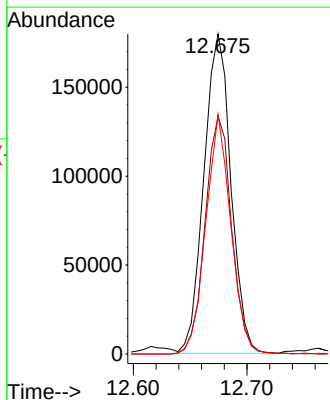
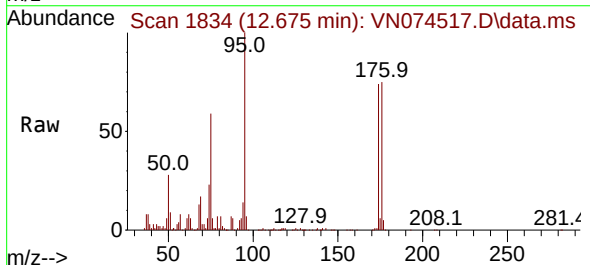
Manual Integrations
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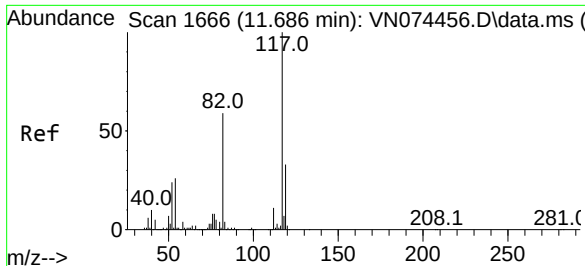
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#62
4-Bromofluorobenzene
Concen: 54.745 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

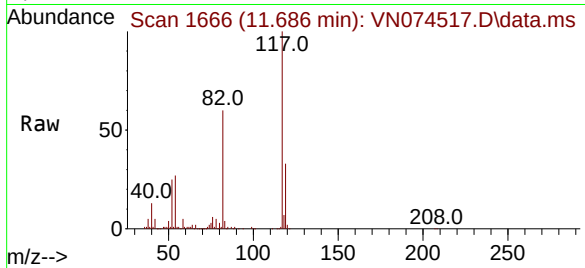
Tgt Ion: 95 Resp: 296254
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 69.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

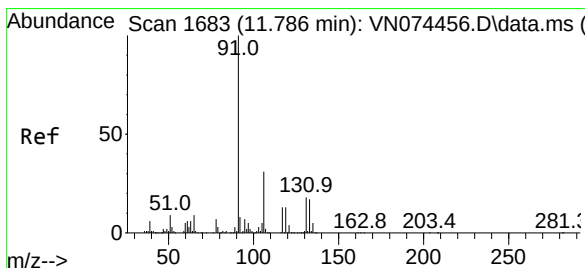
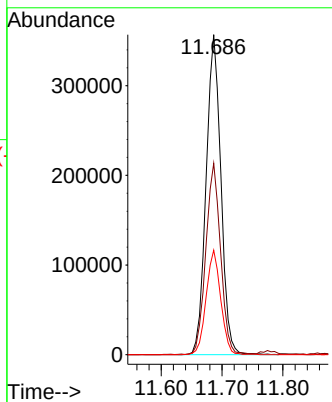
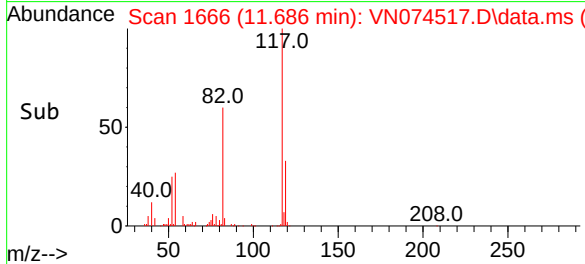
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL



Tgt Ion:117 Resp: 60244
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 32.7 25.4 38.0

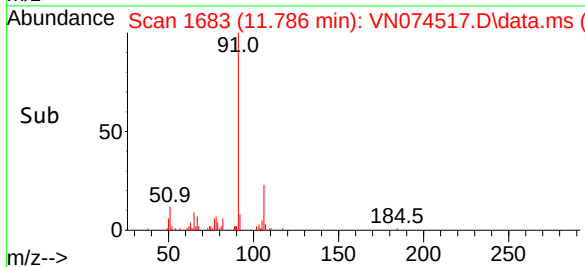
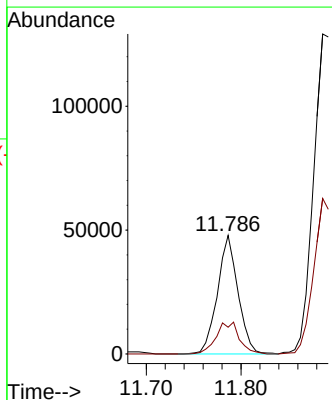
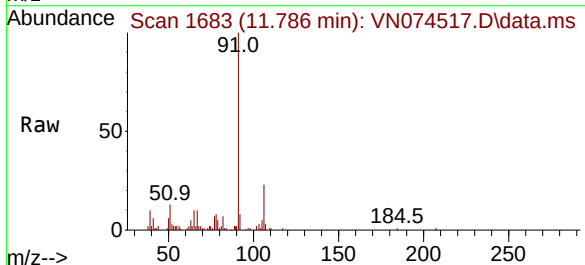
Manual Integrations
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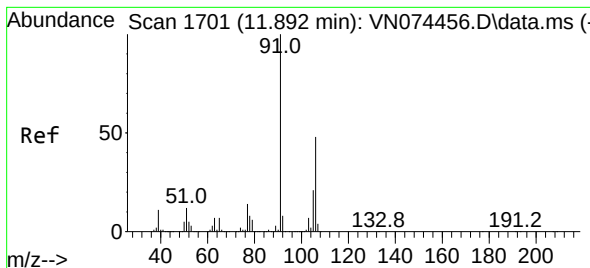
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022



#67
Ethyl Benzene
Concen: 2.601 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

Tgt Ion: 91 Resp: 72222
Ion Ratio Lower Upper
91 100
106 22.6 24.9 37.3#





#68

m/p-Xylenes

Concen: 10.380 ug/l

RT: 11.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074517.D

Acq: 16 Sep 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

AUD-1659DL

Tgt Ion:106 Resp: 10656

Ion Ratio Lower Upper

106 100

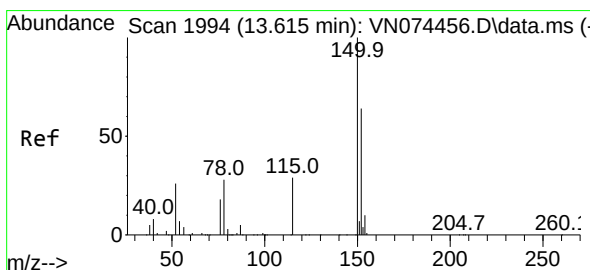
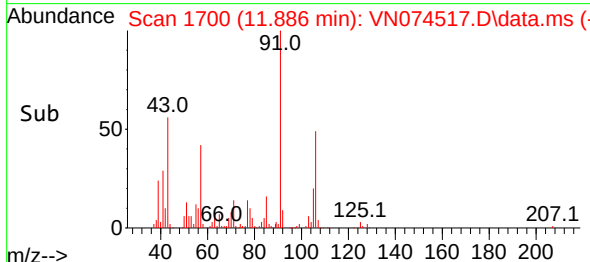
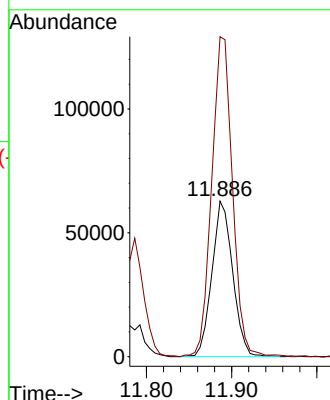
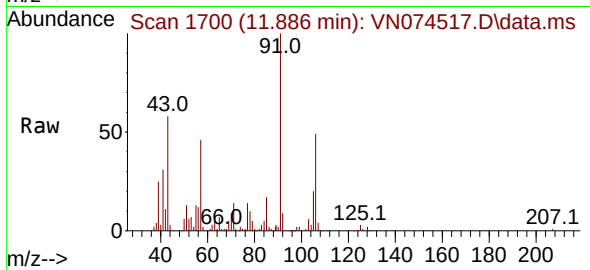
91 205.8 158.9 238.3

Manual Integrations

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Supervised By :Mahesh Dadoda 09/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074517.D

Acq: 16 Sep 2022 18:02

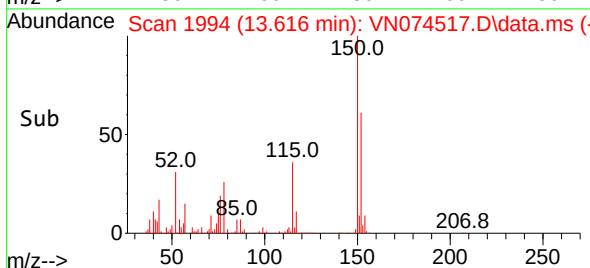
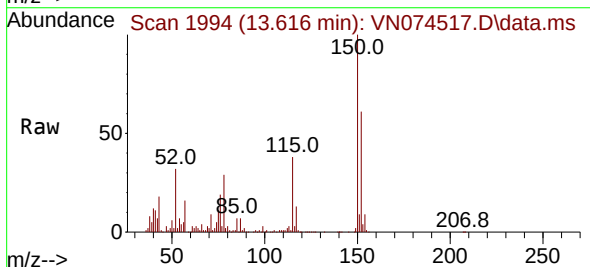
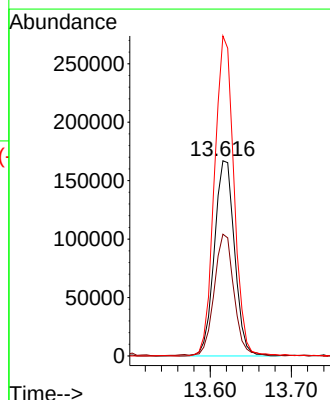
Tgt Ion:152 Resp: 289907

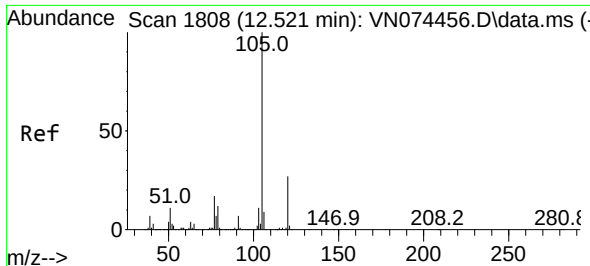
Ion Ratio Lower Upper

152 100

115 61.5 28.9 86.7

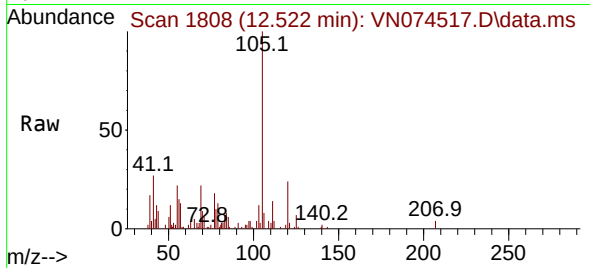
150 158.1 0.0 356.2





#73
Isopropylbenzene
Concen: 1.134 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

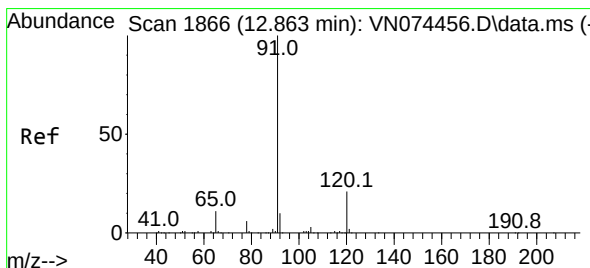
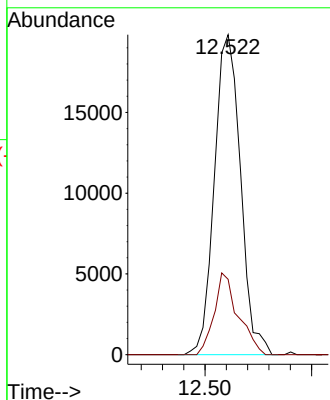
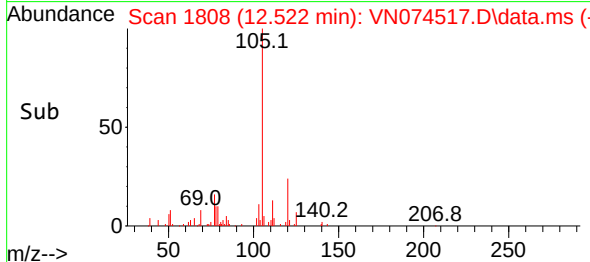
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL



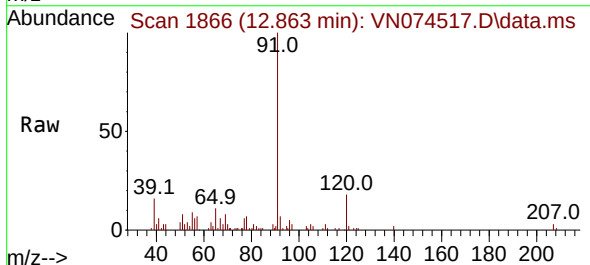
Tgt Ion:105 Resp: 3366
Ion Ratio Lower Upper
105 100
120 23.5 13.5 40.4

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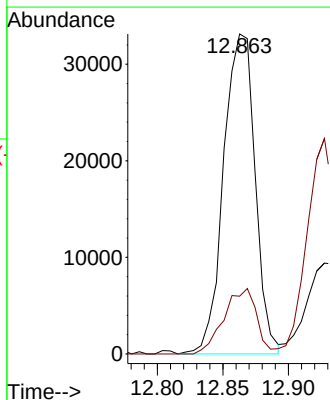
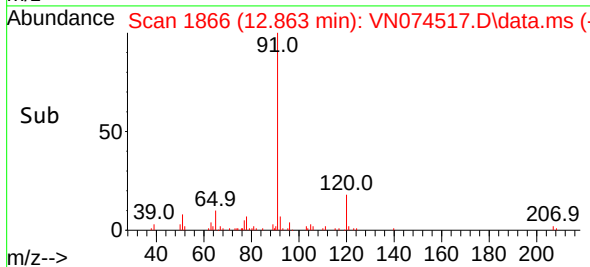
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

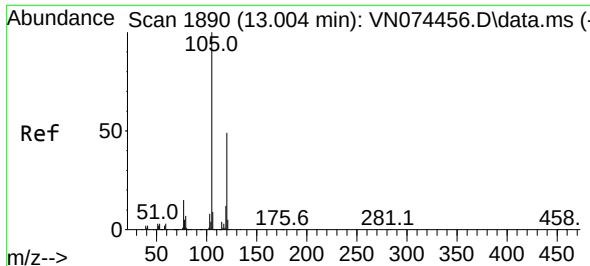


#78
n-propylbenzene
Concen: 1.569 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02



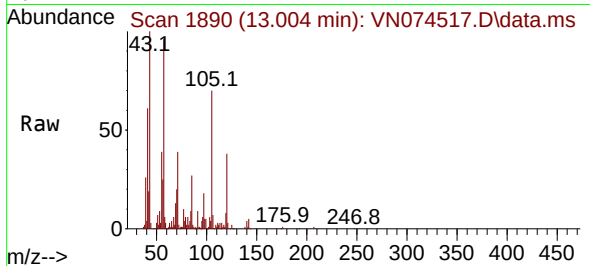
Tgt Ion: 91 Resp: 55481
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 5.176 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

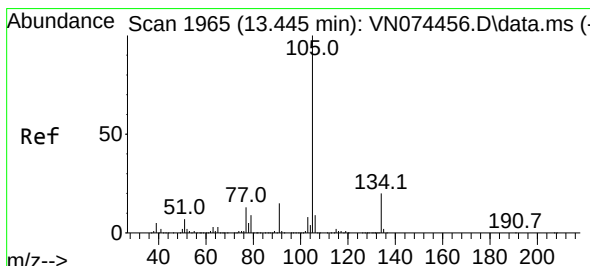
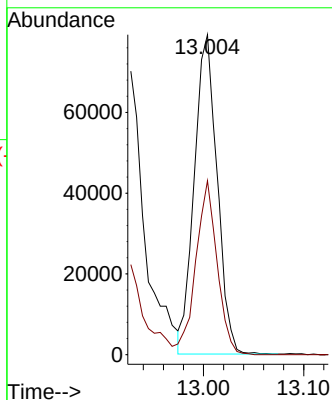
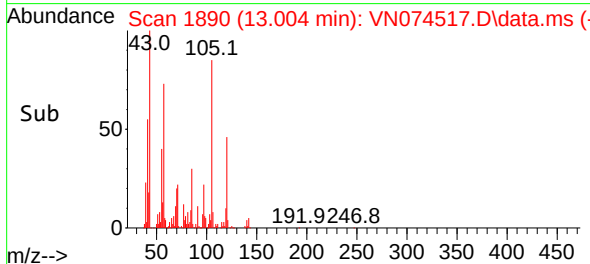
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL



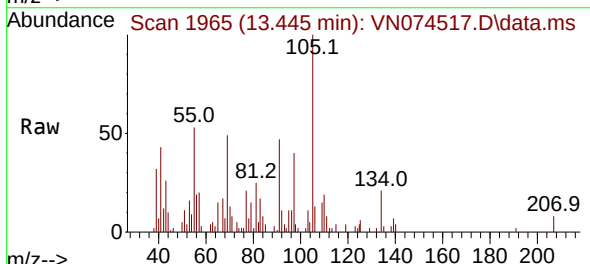
Tgt Ion:105 Resp: 12524
Ion Ratio Lower Upper
105 100
120 51.1 24.9 74.7

Manual Integrations
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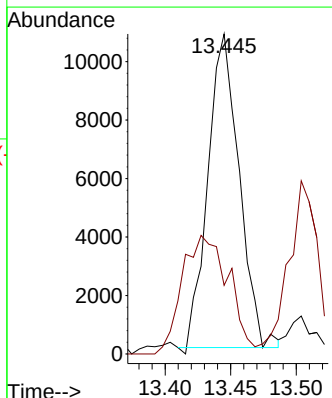
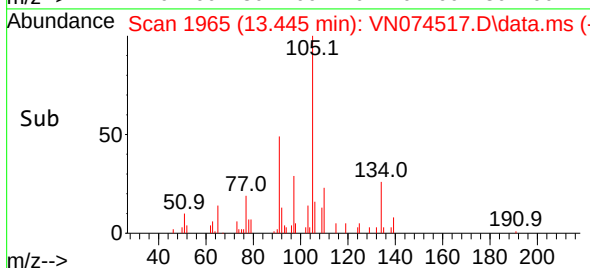
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

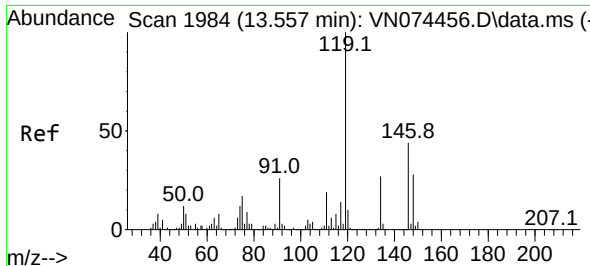


#85
sec-Butylbenzene
Concen: 0.587 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02



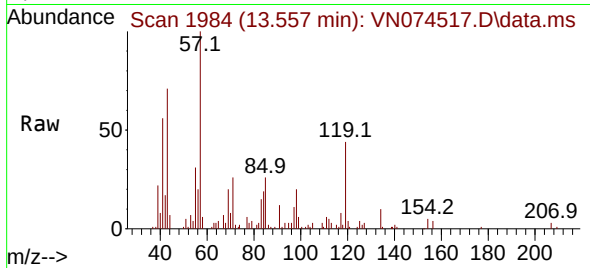
Tgt Ion:105 Resp: 17751
Ion Ratio Lower Upper
105 100
134 56.2 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.803 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

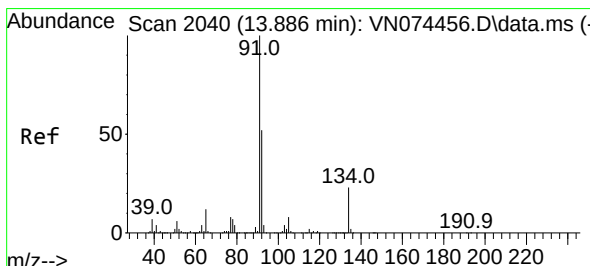
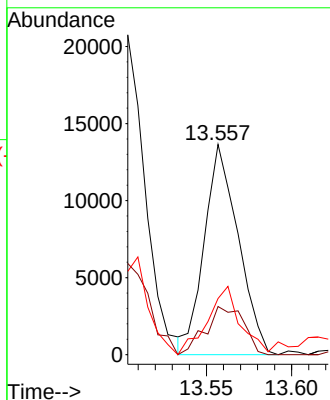
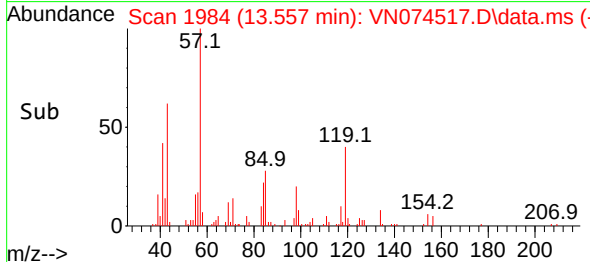
Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL



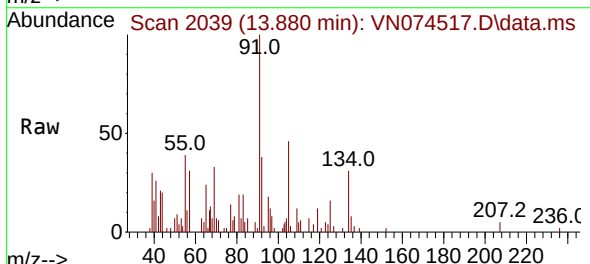
Tgt Ion: 119 Resp: 18924
Ion Ratio Lower Upper
119 100
134 25.7 13.3 39.8
91 31.6 11.3 33.9

Manual Integrations
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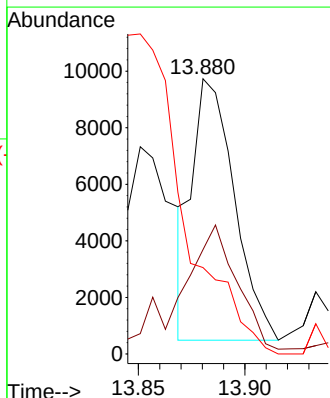
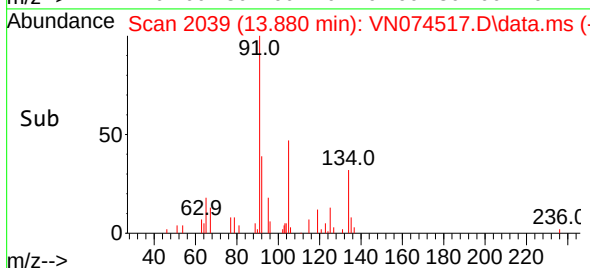
Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

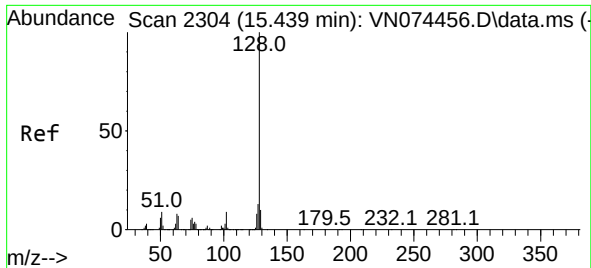


#89
n-Butylbenzene
Concen: 0.597 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02



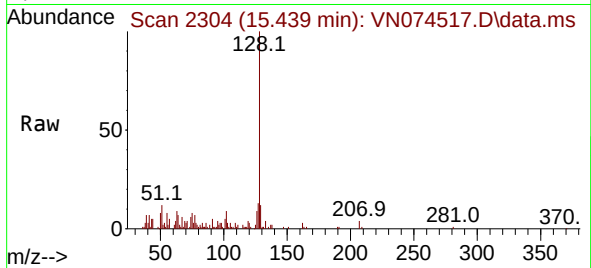
Tgt Ion: 91 Resp: 12677
Ion Ratio Lower Upper
91 100
92 62.8 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 4.323 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074517.D
Acq: 16 Sep 2022 18:02

Instrument :
MSVOA_N
ClientSampleId :
AUD-1659DL



Tgt Ion:128 Resp: 70068
Ion Ratio Lower Upper
128 100
127 14.7 10.3 15.5
129 14.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/22/2022
Supervised By :Mahesh Dadoda 09/22/2022

