

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083967.D
 Acq On : 18 Sep 2024 07:09
 Operator : JC\MD
 Sample : P3964-06
 Misc : 6.26g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 07:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	177350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135411	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131429	49.147	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.300%		
35) Dibromofluoromethane	8.165	113	91988	46.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.440%		
50) Toluene-d8	10.565	98	383254	56.311	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	112.620%		
62) 4-Bromofluorobenzene	12.847	95	161480	57.507	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	115.020%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.594	83	119654	35.475	ug/l #	51
52) Toluene	10.624	92	12460	2.284	ug/l	97
67) Ethyl Benzene	11.965	91	896596	85.016	ug/l	99
68) m/p-Xylenes	12.065	106	4544150	1160.574	ug/l	99
69) o-Xylene	12.394	106	580894	153.253	ug/l	99
73) Isopropylbenzene	12.694	105	998306	95.292	ug/l	100
78) n-propylbenzene	13.035	91	1462265	119.964	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	4485091	507.795	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	14168941	1596.984	ug/l	97
85) sec-Butylbenzene	13.618	105	214253m	20.906	ug/l	
86) p-Isopropyltoluene	13.729	119	114870m	13.371	ug/l	
89) n-Butylbenzene	14.053	91	295390	38.297	ug/l #	76

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

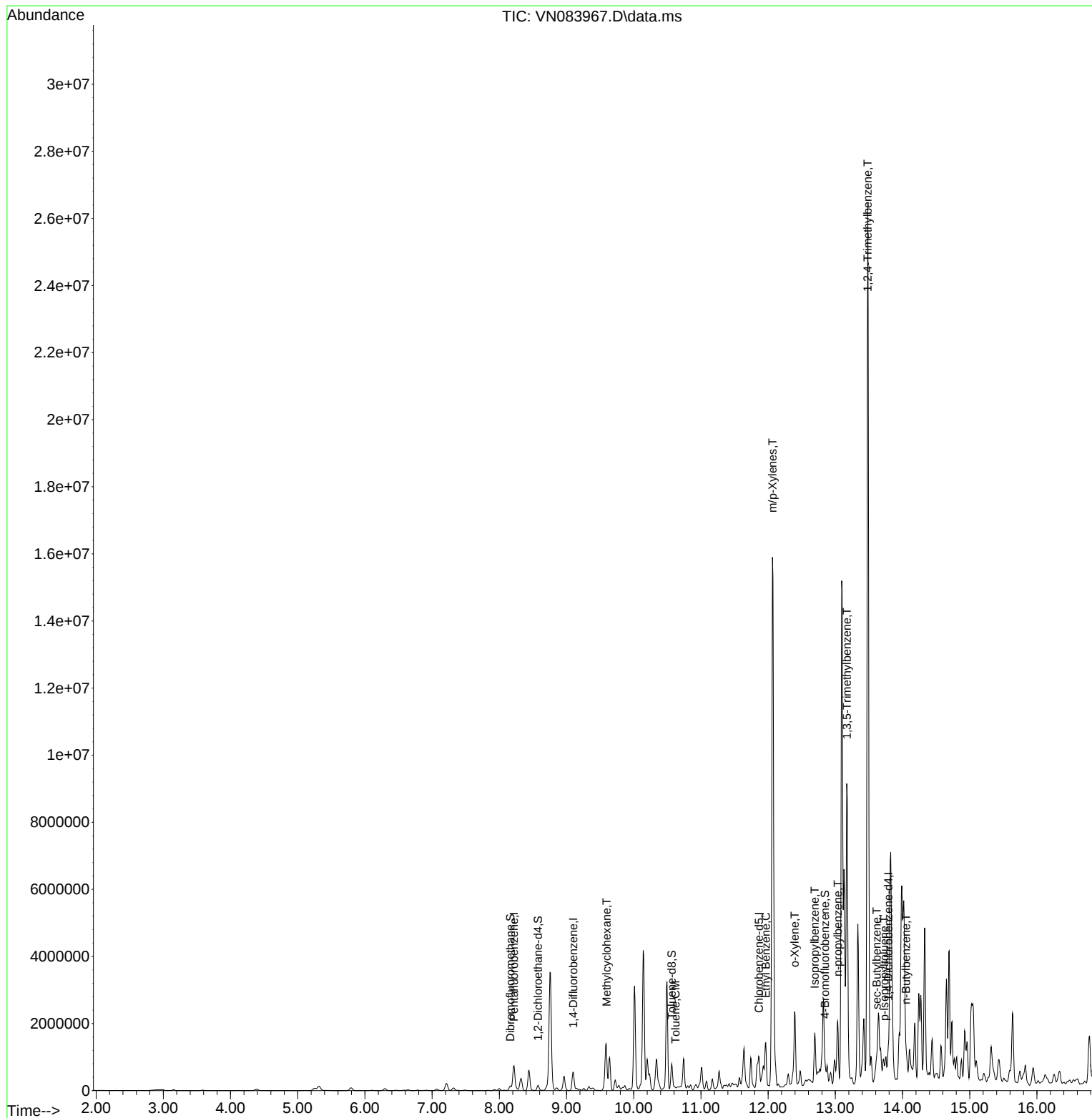
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083967.D
Acq On : 18 Sep 2024 07:09
Operator : JC\MD
Sample : P3964-06
Misc : 6.26g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 43 Sample Multiplier: 1

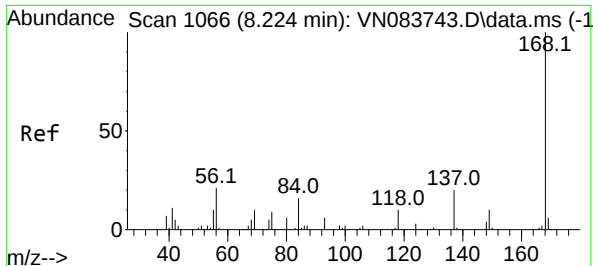
Instrument :
MSVOA_N
ClientSampleId :
SINK-3

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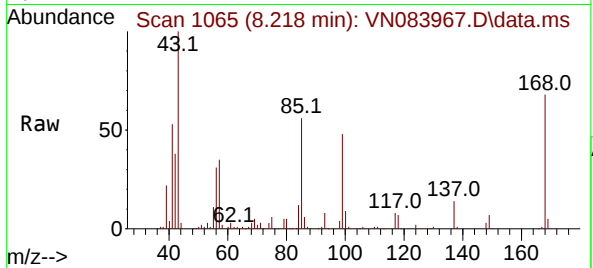
Quant Time: Sep 18 07:30:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

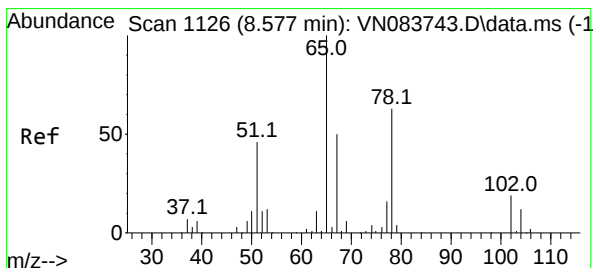
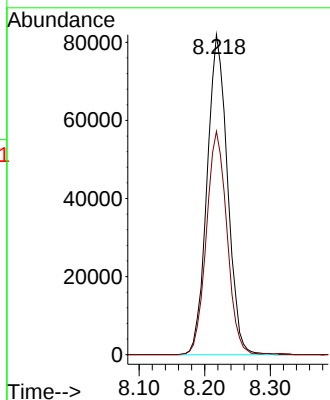
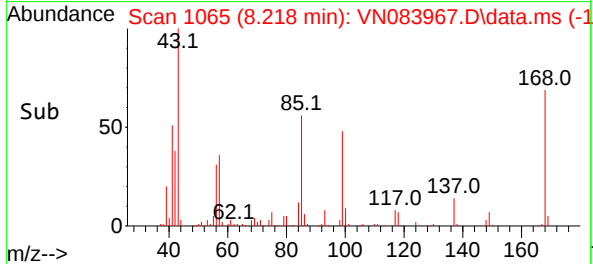
Instrument :
MSVOA_N
Client Sample Id :
SINK-3



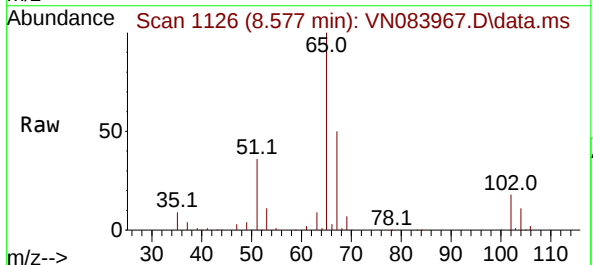
Tgt Ion: 168 Resp: 177350
Ion Ratio Lower Upper
168 100
99 69.8 54.2 81.2

Manual Integrations
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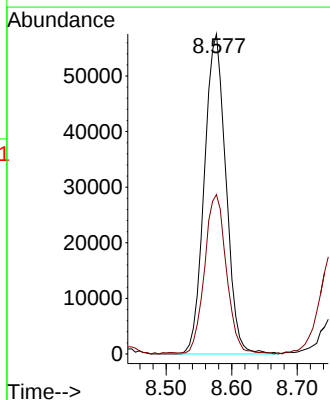
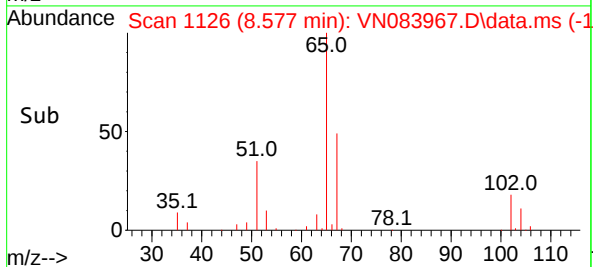
Reviewed By : John Carlone 09/18/2024
Supervised By : Mahesh Dadoda 09/18/2024



#33
1,2-Dichloroethane-d4
Concen: 49.147 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09



Tgt Ion: 65 Resp: 131429
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

ClientSampleId :

SINK-3

Tgt Ion:114 Resp: 307520

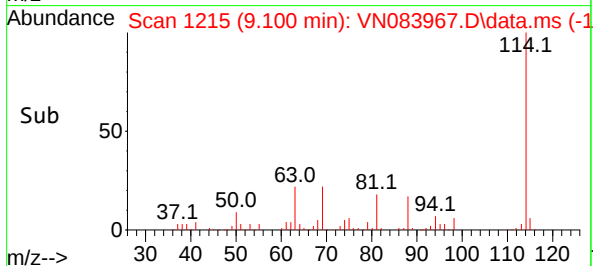
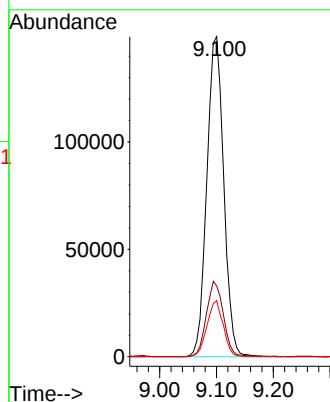
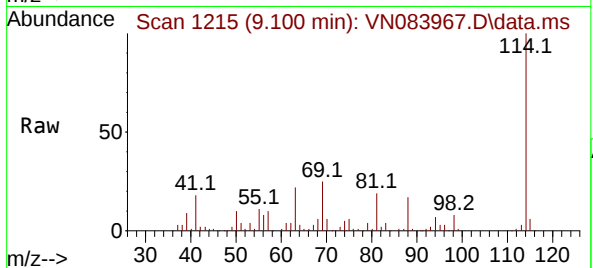
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.4
88	17.5	0.0	32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 46.724 ug/l

RT: 8.165 min Scan# 1056

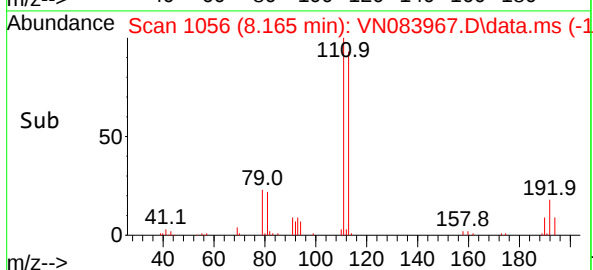
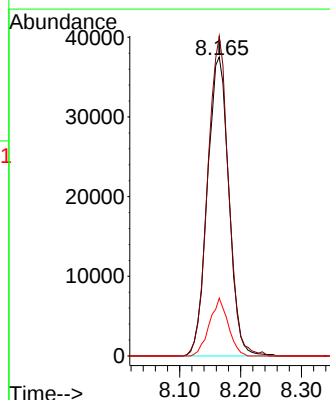
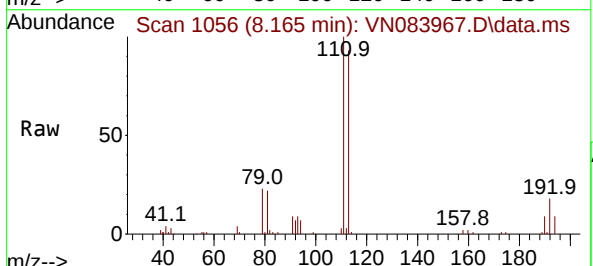
Delta R.T. 0.000 min

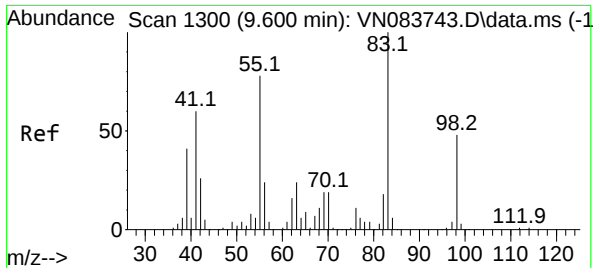
Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Tgt Ion:113 Resp: 91988

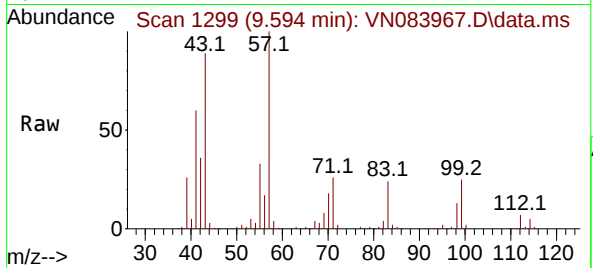
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	16.9	14.3	21.5





#39
Methylcyclohexane
Concen: 35.475 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

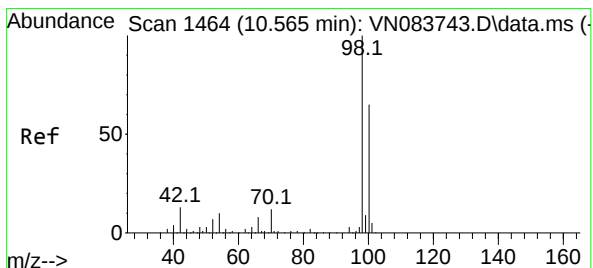
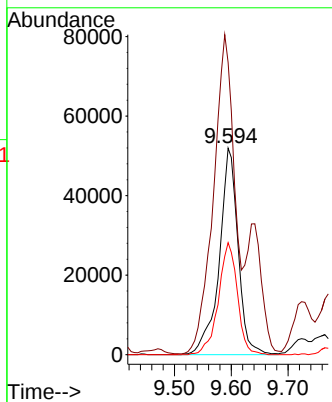
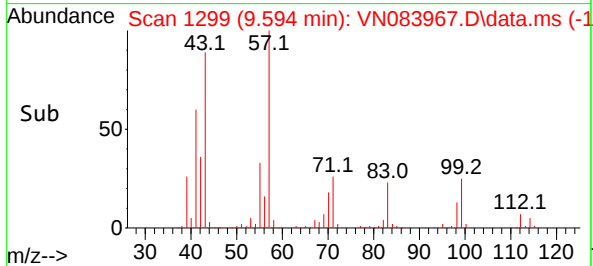
Instrument :
MSVOA_N
ClientSampleId :
SINK-3



Tgt Ion: 83 Resp: 119654
Ion Ratio Lower Upper
83 100
55 141.0 62.2 93.4
98 54.2 37.6 56.4

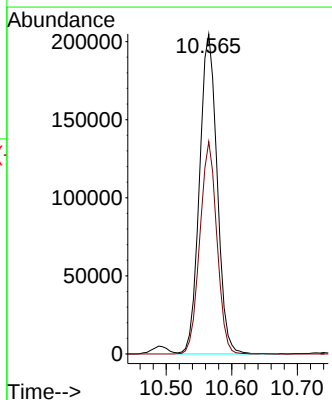
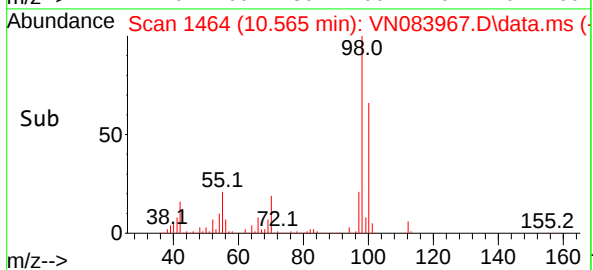
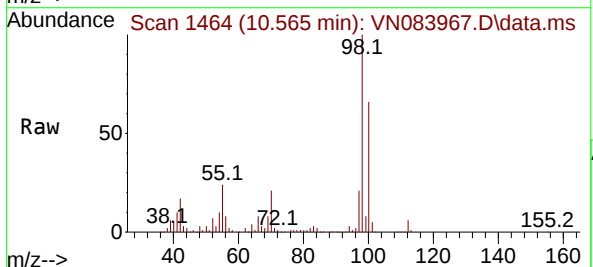
Manual Integrations
APPROVED

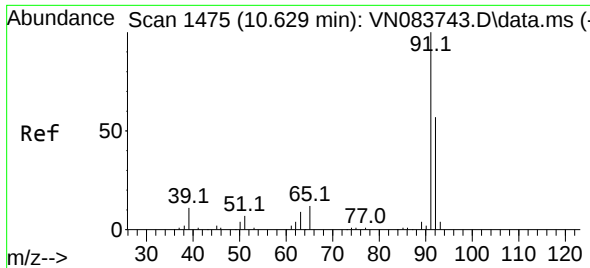
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#50
Toluene-d8
Concen: 56.311 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

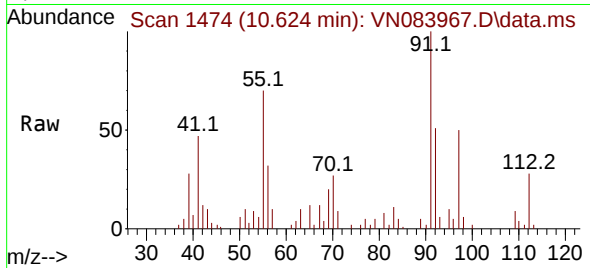
Tgt Ion: 98 Resp: 383254
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#52
Toluene
Concen: 2.284 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

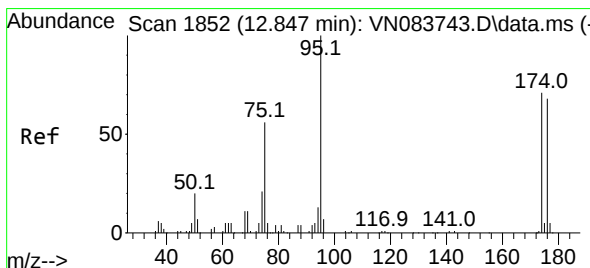
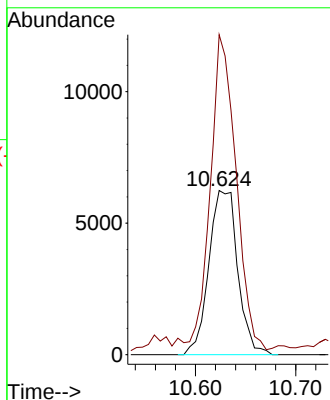
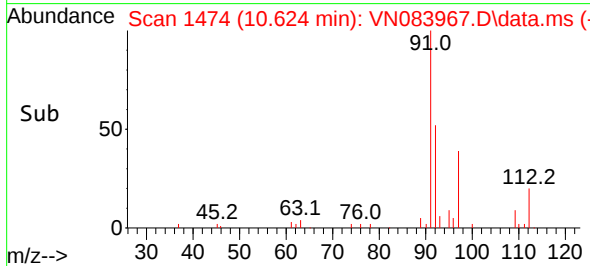
Instrument :
MSVOA_N
ClientSampleId :
SINK-3



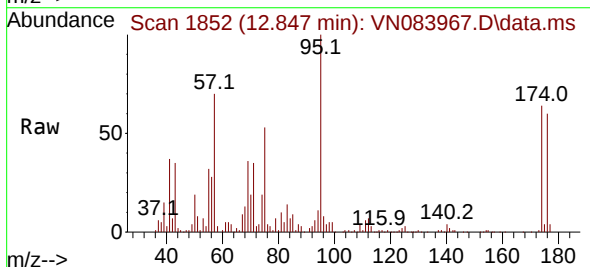
Tgt Ion: 92 Resp: 12460
Ion Ratio Lower Upper
92 100
91 173.1 134.7 202.1

Manual Integrations
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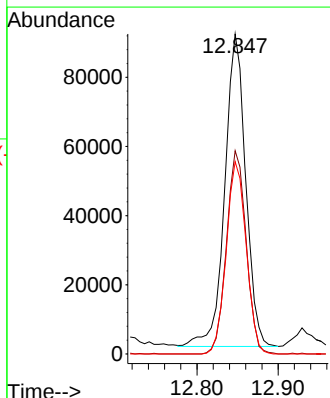
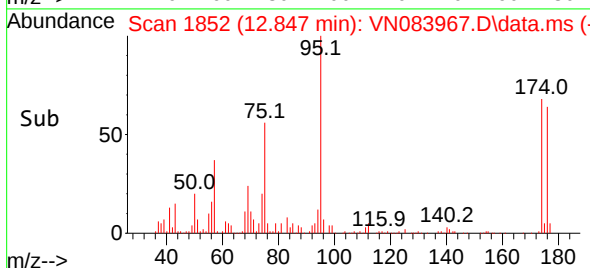
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

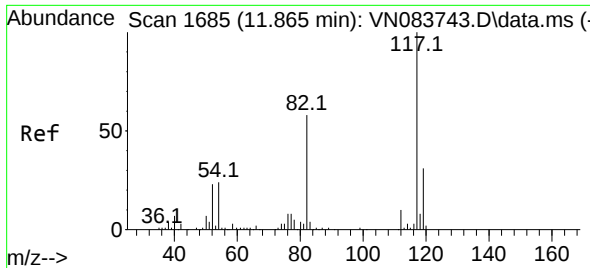


#62
4-Bromofluorobenzene
Concen: 57.507 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09



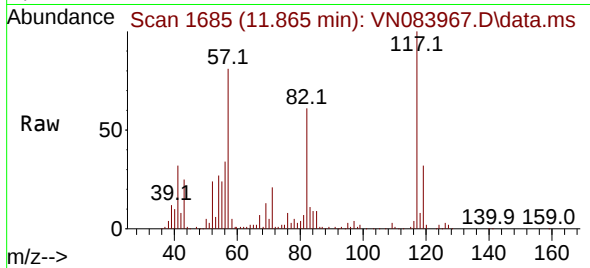
Tgt Ion: 95 Resp: 161480
Ion Ratio Lower Upper
95 100
174 61.2 0.0 139.8
176 58.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

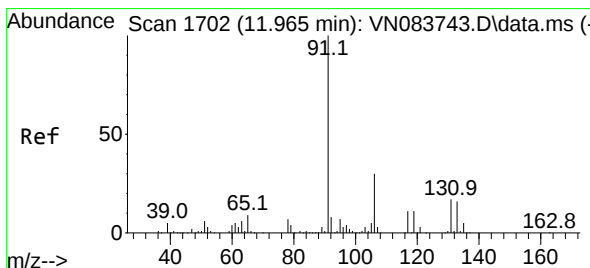
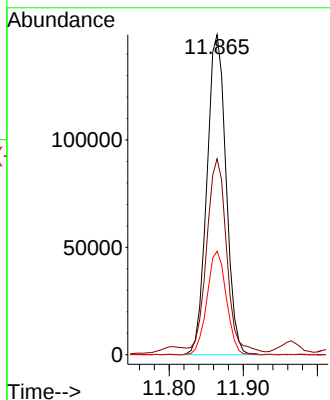
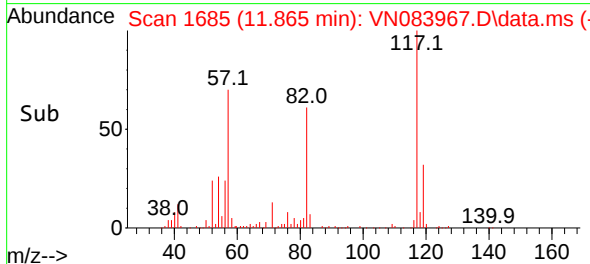
Instrument :
MSVOA_N
ClientSampleId :
SINK-3



Tgt Ion: 117 Resp: 267111
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.3 26.3 39.5

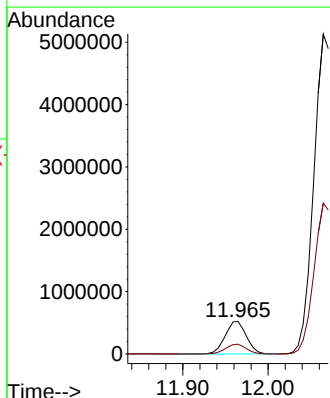
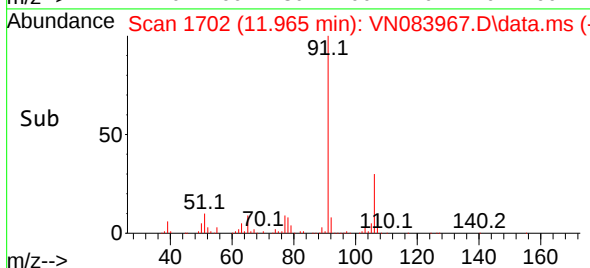
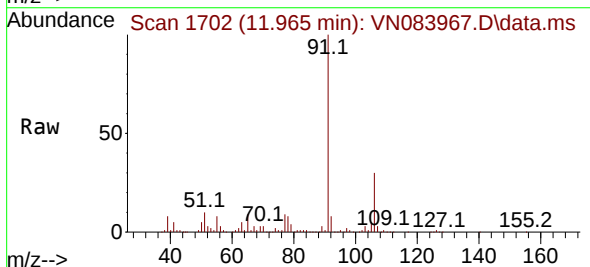
Manual Integrations
APPROVED

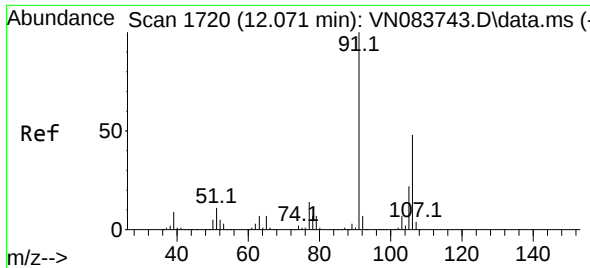
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#67
Ethyl Benzene
Concen: 85.016 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

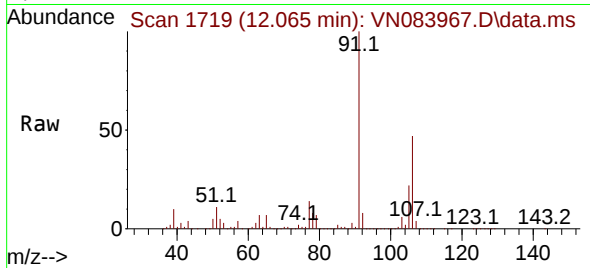
Tgt Ion: 91 Resp: 896596
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5





#68
m/p-Xylenes
Concen: 1160.574 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

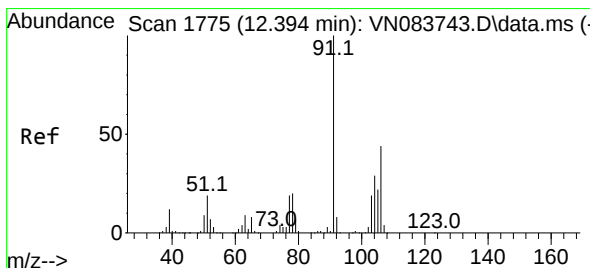
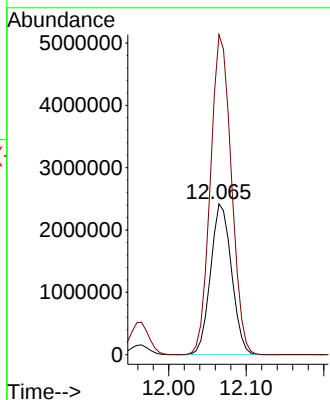
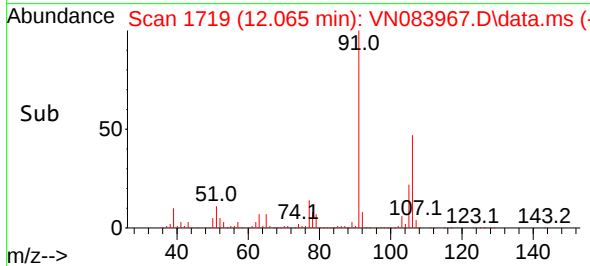
Instrument :
MSVOA_N
ClientSampleId :
SINK-3



Tgt Ion:106 Resp: 4544150
Ion Ratio Lower Upper
106 100
91 212.5 169.2 253.8

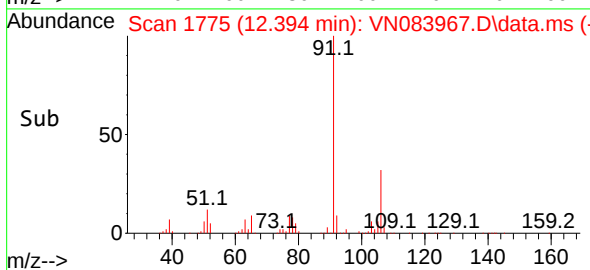
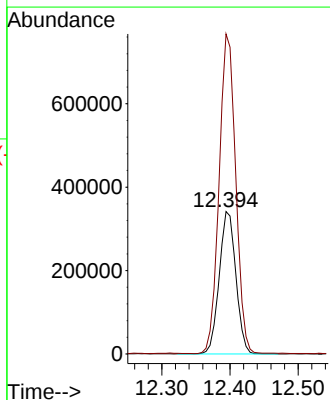
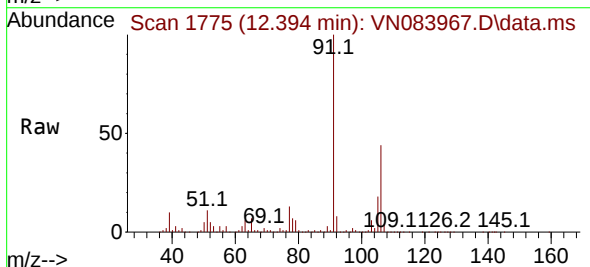
Manual Integrations
APPROVED

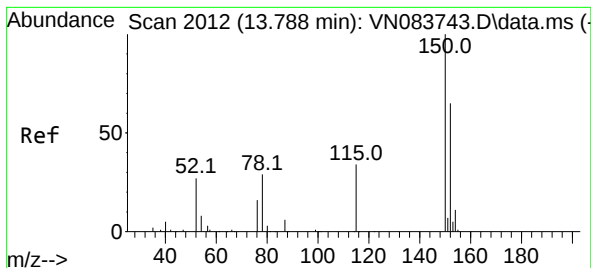
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#69
o-Xylene
Concen: 153.253 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

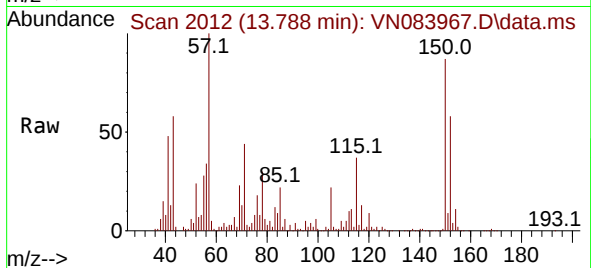
Tgt Ion:106 Resp: 580894
Ion Ratio Lower Upper
106 100
91 224.2 112.9 338.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

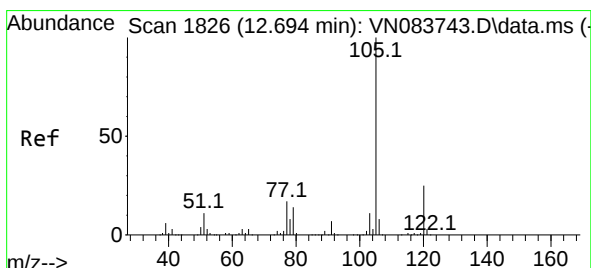
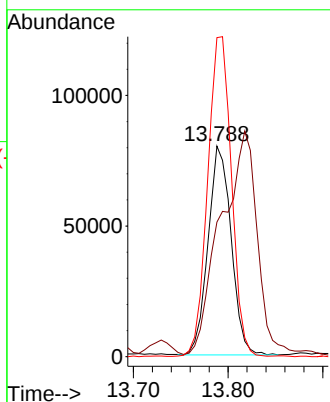
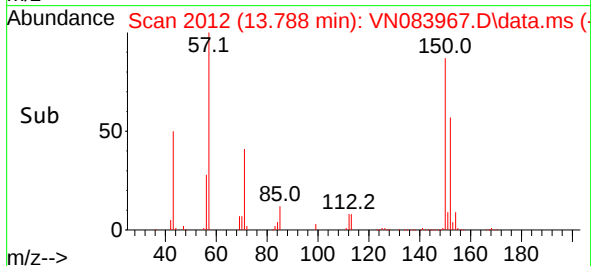
Instrument :
MSVOA_N
ClientSampleId :
SINK-3



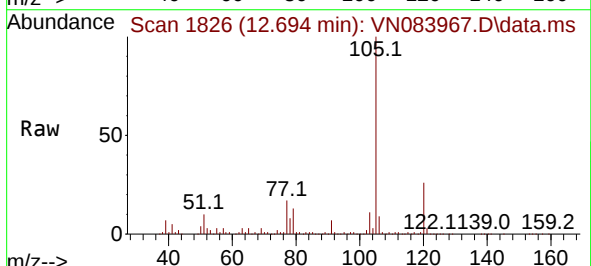
Tgt Ion:152 Resp: 13541
Ion Ratio Lower Upper
152 100
115 0.0 32.2 96.6
150 157.5 0.0 348.6

Manual Integrations
APPROVED

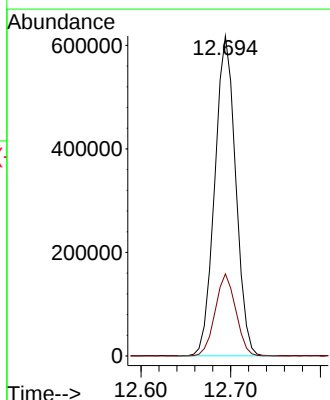
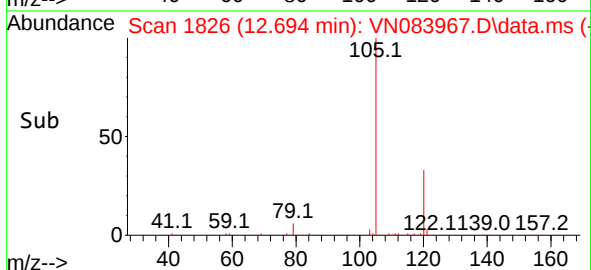
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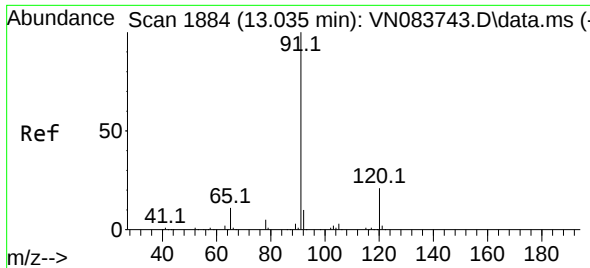


#73
Isopropylbenzene
Concen: 95.292 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09



Tgt Ion:105 Resp: 998306
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8





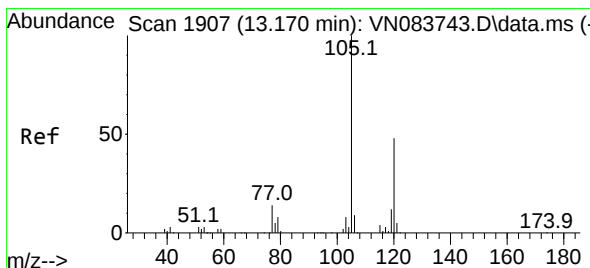
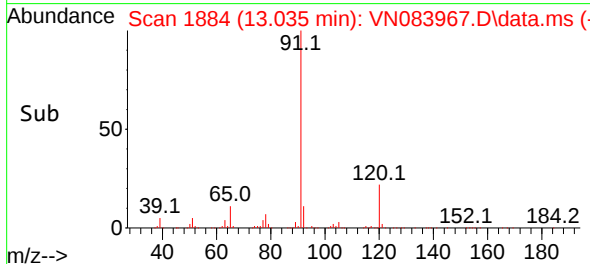
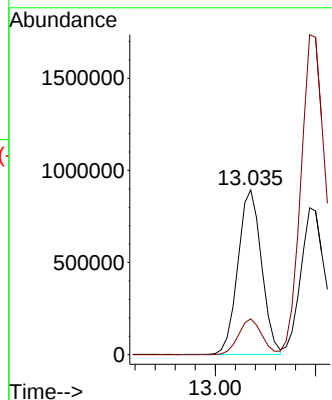
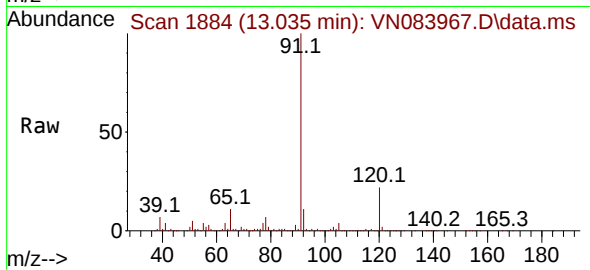
#78
n-propylbenzene
Concen: 119.964 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Instrument :
MSVOA_N
ClientSampleId :
SINK-3

Tgt Ion: 91 Resp: 146226
Ion Ratio Lower Upper
91 100
120 21.3 11.0 33.0

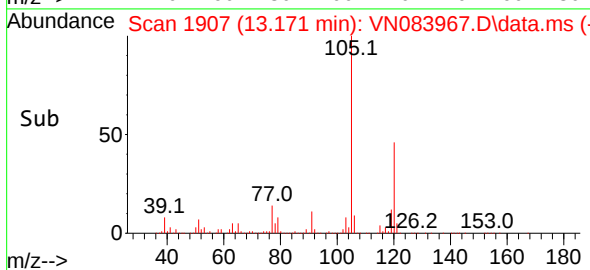
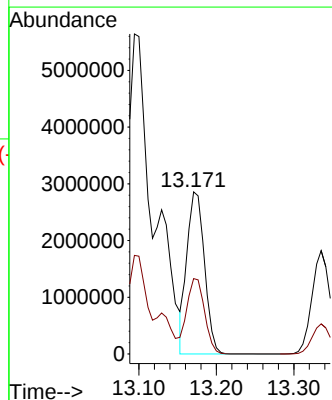
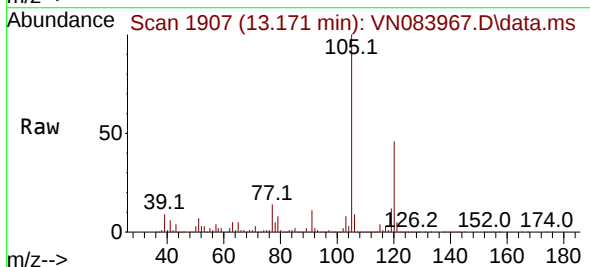
Manual Integrations
APPROVED

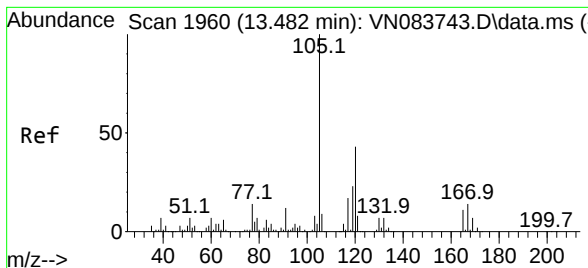
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 507.795 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion:105 Resp: 4485091
Ion Ratio Lower Upper
105 100
120 48.9 23.4 70.3





#84

1,2,4-Trimethylbenzene

Concen: 1596.984 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

ClientSampleId :

SINK-3

Tgt Ion:105 Resp:1416894

Ion Ratio Lower Upper

105 100

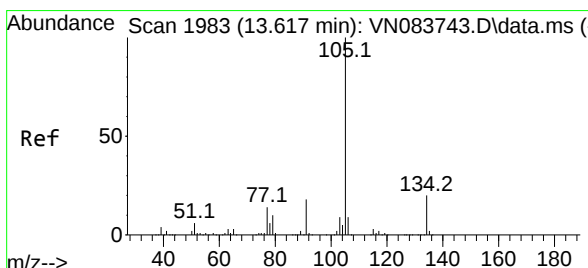
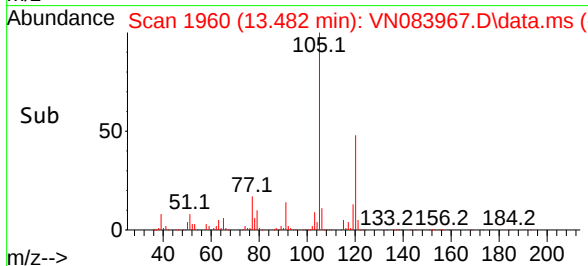
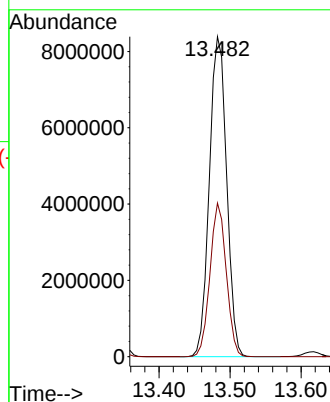
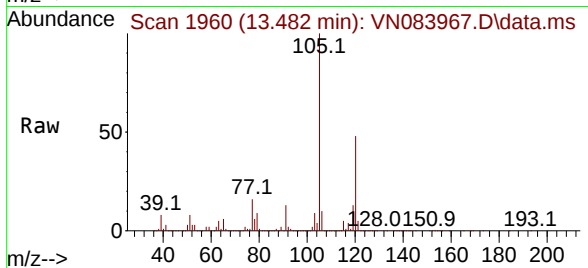
120 45.3 21.8 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#85

sec-Butylbenzene

Concen: 20.906 ug/l m

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083967.D

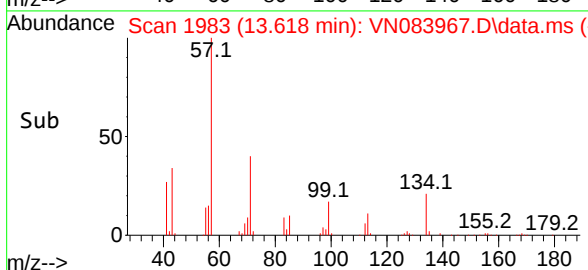
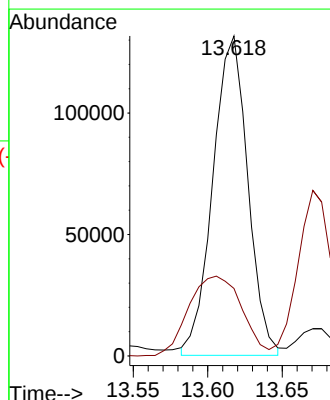
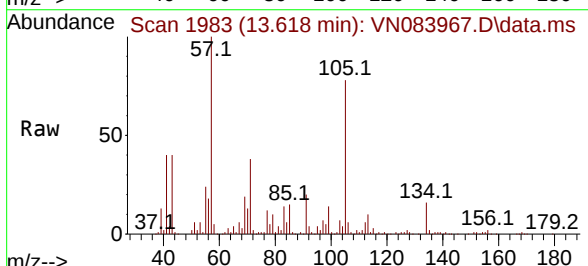
Acq: 18 Sep 2024 07:09

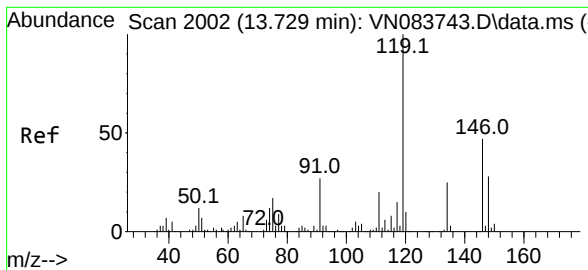
Tgt Ion:105 Resp: 214253

Ion Ratio Lower Upper

105 100

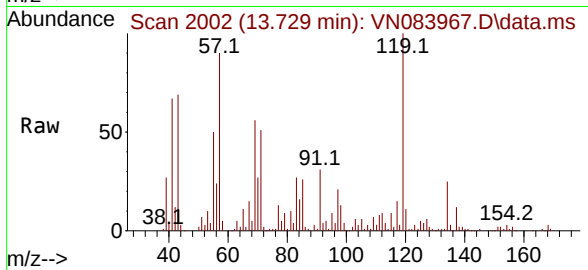
134 0.0 9.7 29.1#





#86
p-Isopropyltoluene
Concen: 13.371 ug/l m
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

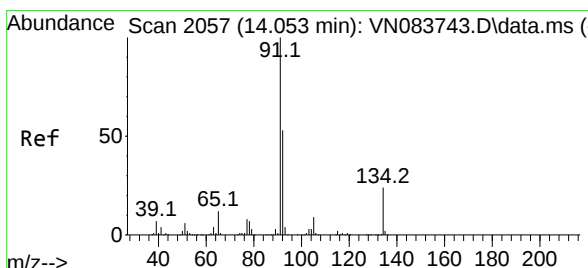
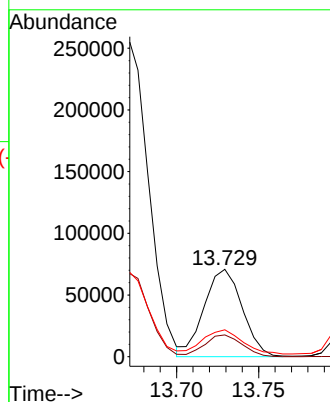
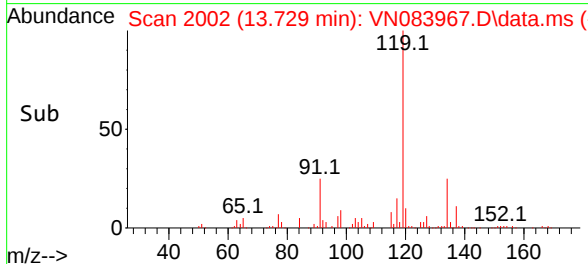
Instrument :
MSVOA_N
ClientSampleId :
SINK-3



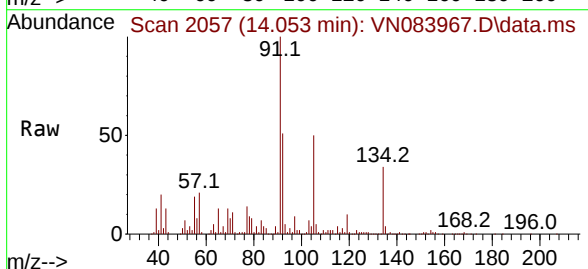
Tgt Ion: 119 Resp: 114870
Ion Ratio Lower Upper
119 100
134 93.8 12.8 38.3
91 85.6 12.9 38.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#89
n-Butylbenzene
Concen: 38.297 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09



Tgt Ion: 91 Resp: 295390
Ion Ratio Lower Upper
91 100
92 62.2 26.7 80.1
134 0.0 12.2 36.4

