

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083966.D
 Acq On : 18 Sep 2024 06:45
 Operator : JC\MD
 Sample : P3964-05
 Misc : 10.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-2

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 07:19:18 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	184334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	309965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131956	47.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.940%		
35) Dibromofluoromethane	8.165	113	93163	46.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	10.565	98	372718	54.332	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.660%		
62) 4-Bromofluorobenzene	12.847	95	141535	50.007	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.020%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.600	83	81011	23.829	ug/l #	78
40) Benzene	8.600	78	3812	0.424	ug/l	99
52) Toluene	10.629	92	139028	25.284	ug/l	96
67) Ethyl Benzene	11.965	91	1232541	118.645	ug/l	98
68) m/p-Xylenes	12.065	106	2143731	555.823	ug/l	98
69) o-Xylene	12.394	106	823033	220.432	ug/l	100
73) Isopropylbenzene	12.694	105	440606	43.395	ug/l	100
78) n-propylbenzene	13.035	91	807731	68.372	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	867003	101.281	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	2931312	340.892	ug/l	100
85) sec-Butylbenzene	13.612	105	61815m	6.223	ug/l	
86) p-Isopropyltoluene	13.729	119	22672m	2.723	ug/l	
89) n-Butylbenzene	14.053	91	88264	11.807	ug/l #	79

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

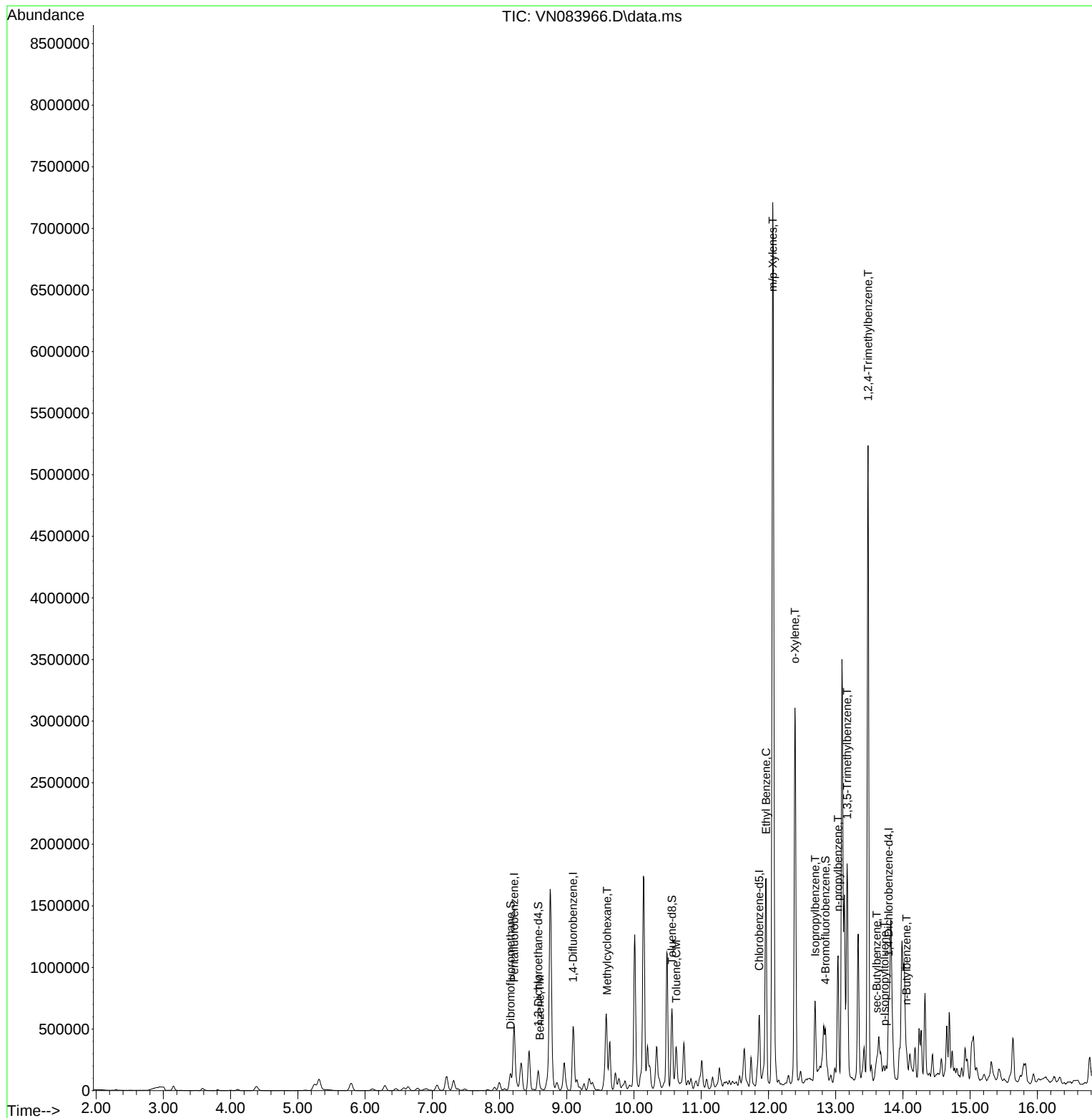
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
Data File : VN083966.D
Acq On : 18 Sep 2024 06:45
Operator : JC\MD
Sample : P3964-05
Misc : 10.32g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 42 Sample Multiplier: 1

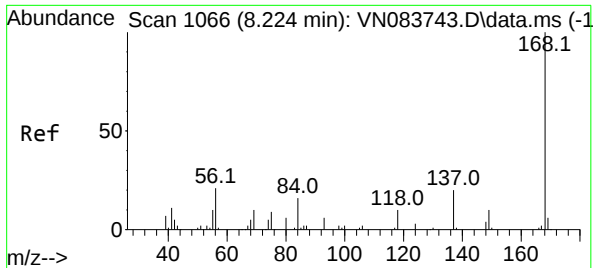
Instrument :
MSVOA_N
ClientSampleId :
SINK-2

Manual Integrations
APPROVED

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

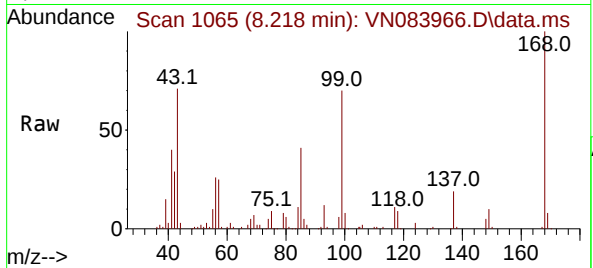
Quant Time: Sep 18 07:19:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

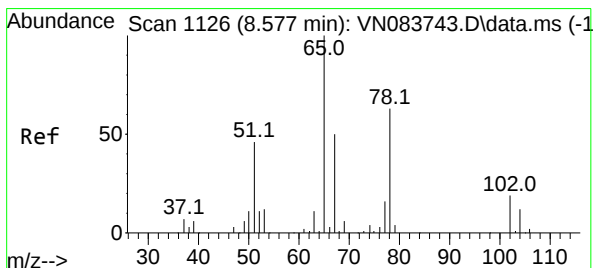
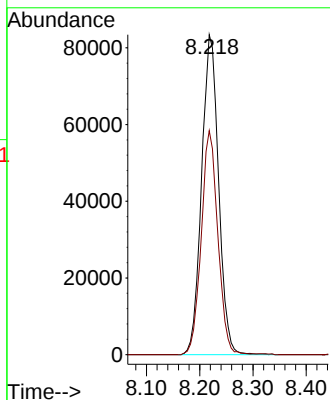
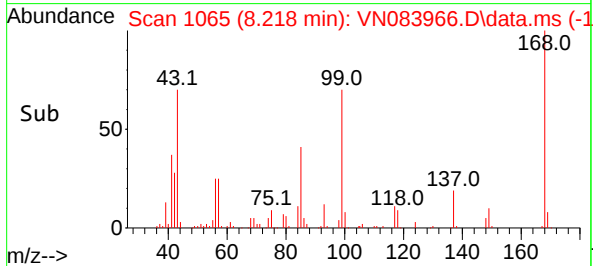
Instrument :
MSVOA_N
ClientSampleId :
SINK-2



Tgt Ion:168 Resp: 184334
Ion Ratio Lower Upper
168 100
99 70.0 54.2 81.2

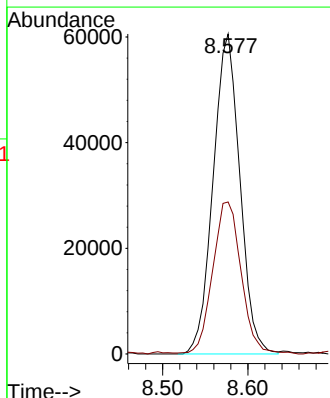
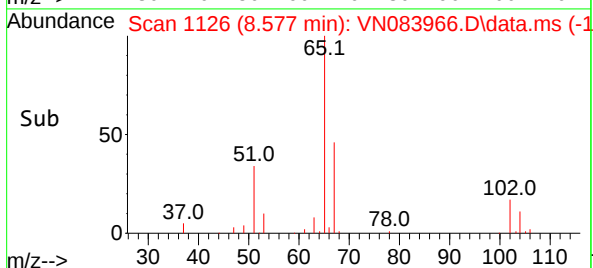
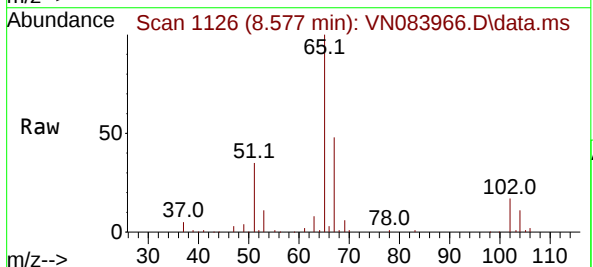
Manual Integrations
APPROVED

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



#33
1,2-Dichloroethane-d4
Concen: 47.475 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

Tgt Ion: 65 Resp: 131956
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8





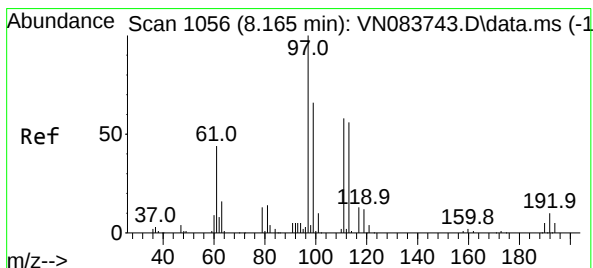
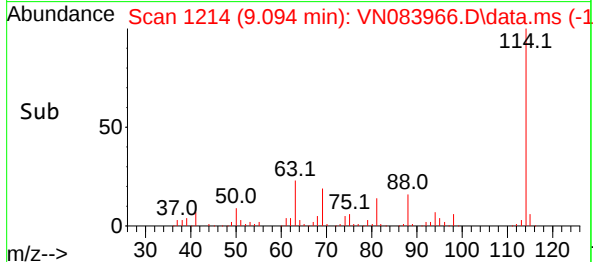
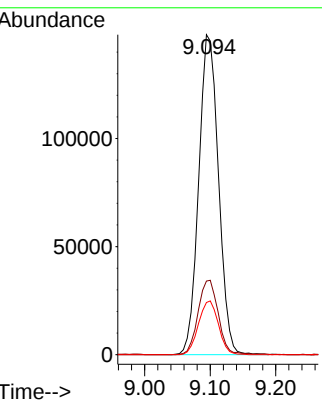
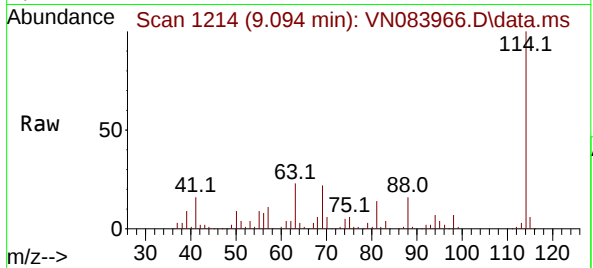
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

Instrument :
MSVOA_N
ClientSampleId :
SINK-2

Tgt Ion:114 Resp: 30996
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 16.3 0.0 32.6

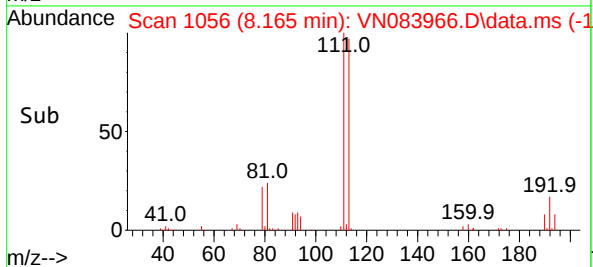
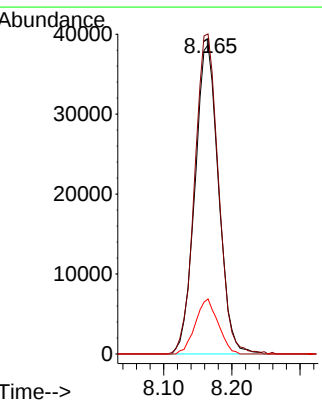
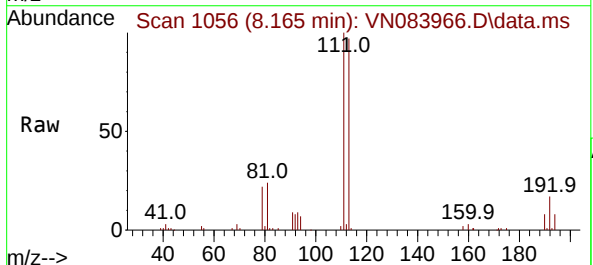
Manual Integrations
APPROVED

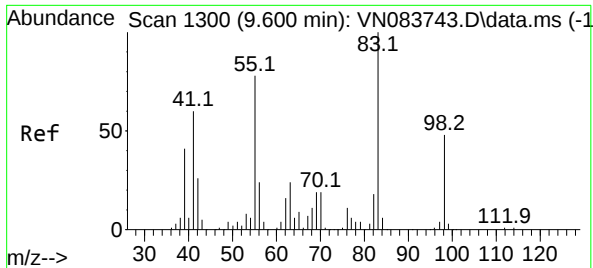
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#35
Dibromofluoromethane
Concen: 46.949 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

Tgt Ion:113 Resp: 93163
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 17.1 14.3 21.5





#39

Methylcyclohexane

Concen: 23.829 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083966.D

Acq: 18 Sep 2024 06:45

Instrument :

MSVOA_N

ClientSampleId :

SINK-2

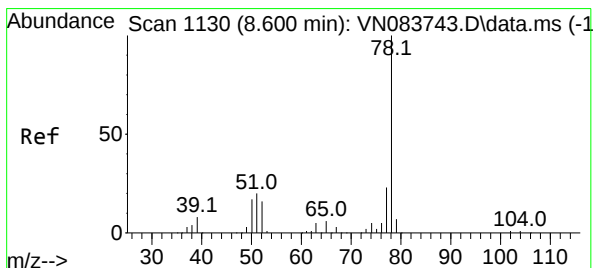
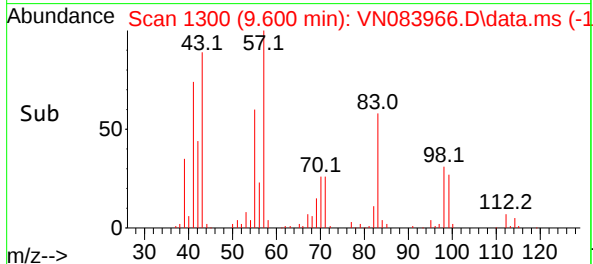
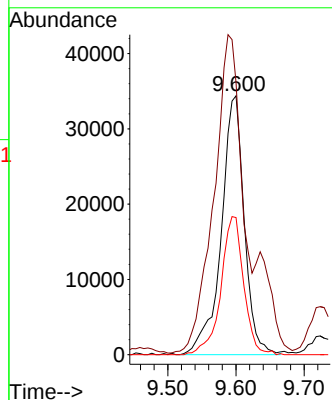
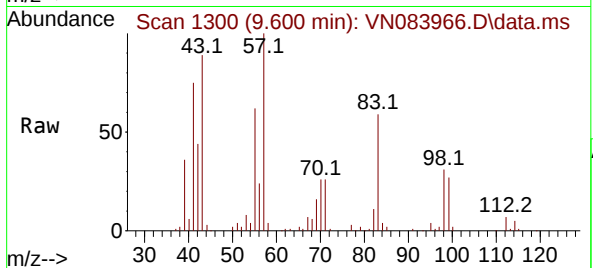
Tgt Ion: 83	Resp: 8101
Ion Ratio	Lower Upper
83	100
55	103.7 62.2 93.4
98	53.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2024

Supervised By :Mahesh Dadoda 09/18/2024



#40

Benzene

Concen: 0.424 ug/l

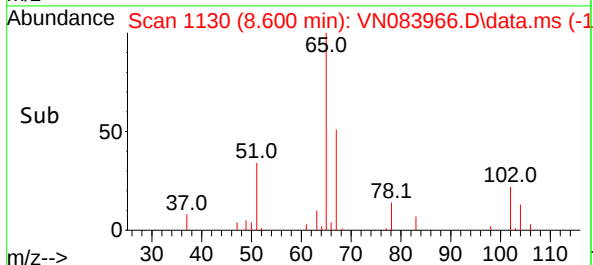
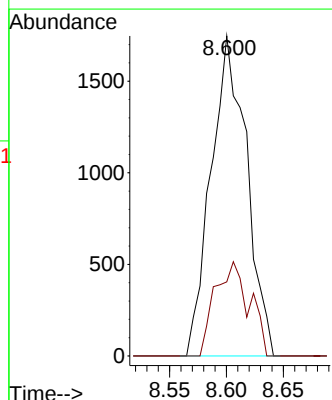
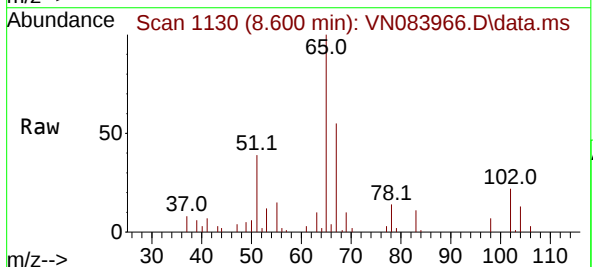
RT: 8.600 min Scan# 1130

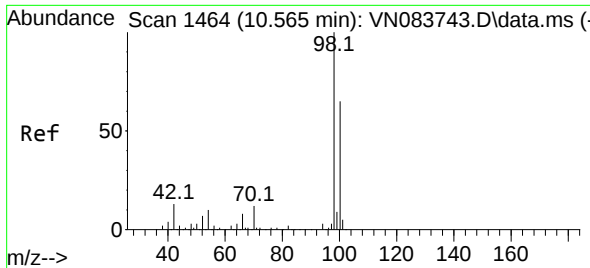
Delta R.T. 0.000 min

Lab File: VN083966.D

Acq: 18 Sep 2024 06:45

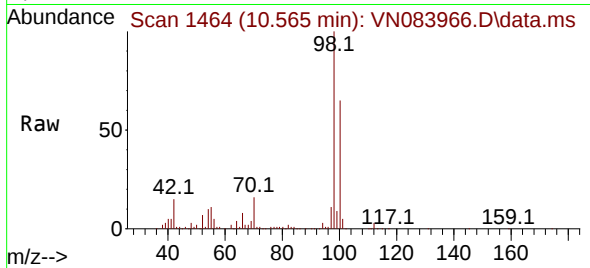
Tgt Ion: 78	Resp: 3812
Ion Ratio	Lower Upper
78	100
77	23.2 19.0 28.6





#50
Toluene-d8
Concen: 54.332 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

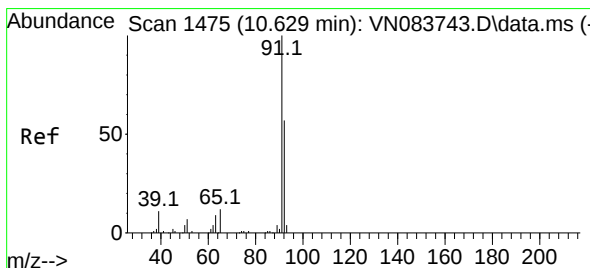
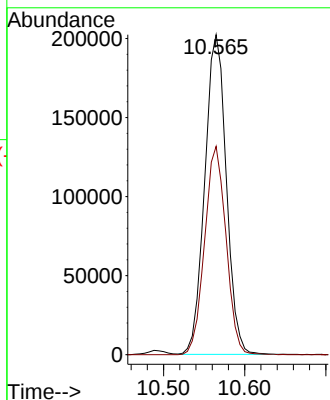
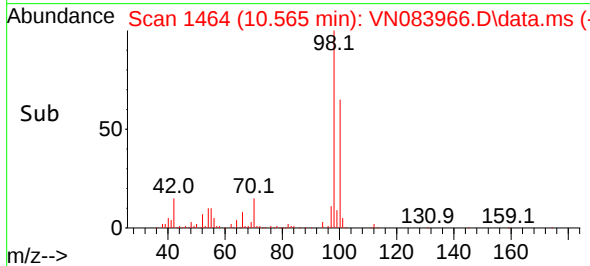
Instrument :
MSVOA_N
ClientSampleId :
SINK-2



Tgt Ion: 98 Resp: 372718
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

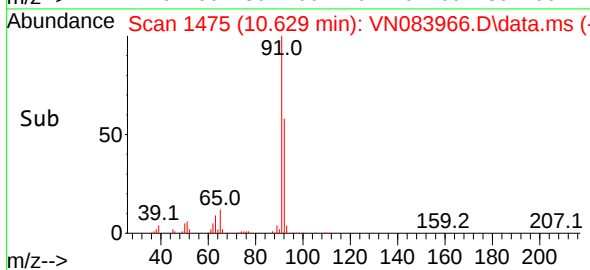
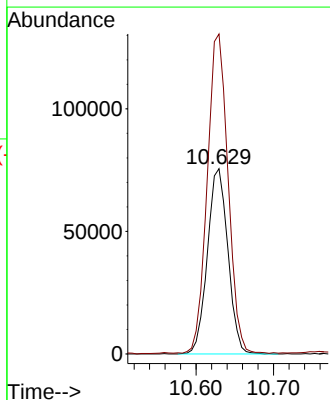
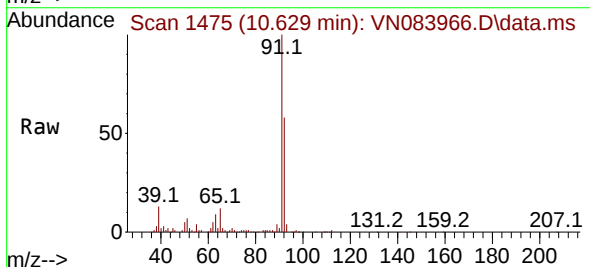
Manual Integrations
APPROVED

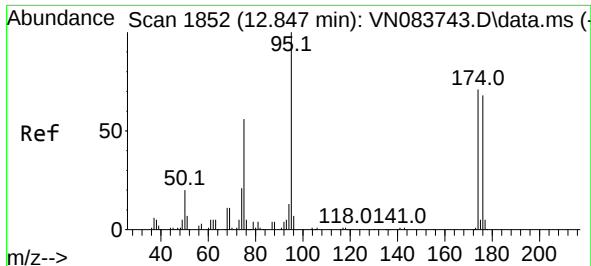
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#52
Toluene
Concen: 25.284 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

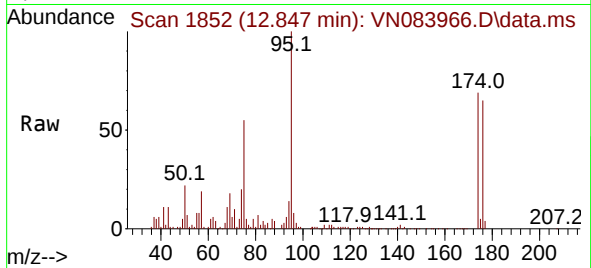
Tgt Ion: 92 Resp: 139028
Ion Ratio Lower Upper
92 100
91 174.5 134.7 202.1





#62
4-Bromofluorobenzene
Concen: 50.007 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

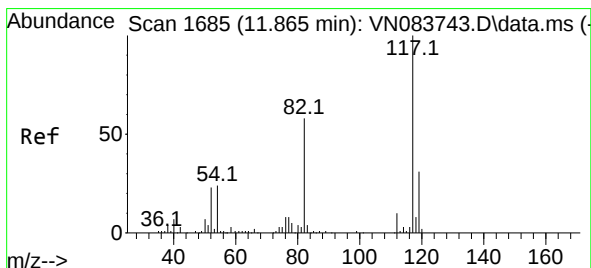
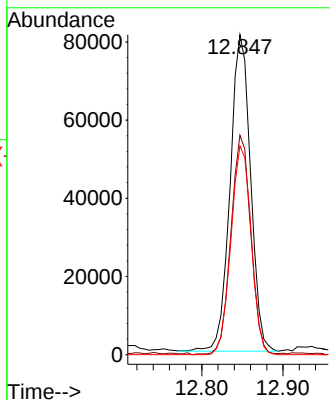
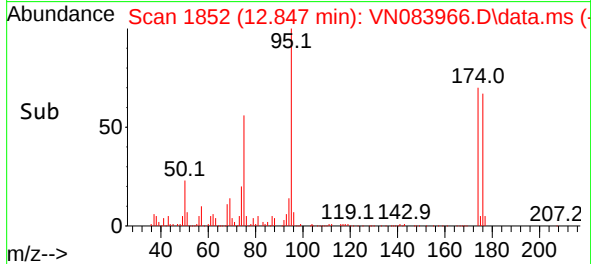
Instrument :
MSVOA_N
ClientSampleId :
SINK-2



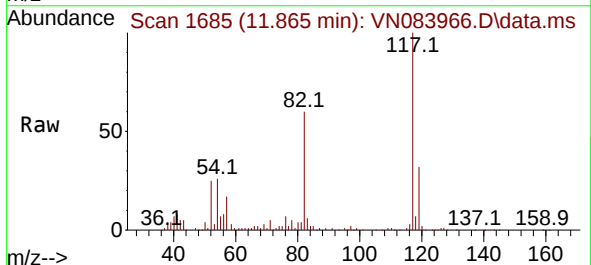
Tgt Ion: 95 Resp: 141538
Ion Ratio Lower Upper
95 100
174 66.7 0.0 139.8
176 65.3 0.0 131.4

Manual Integrations
APPROVED

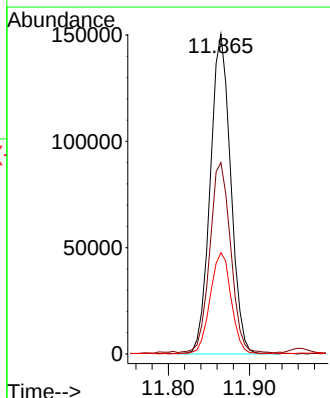
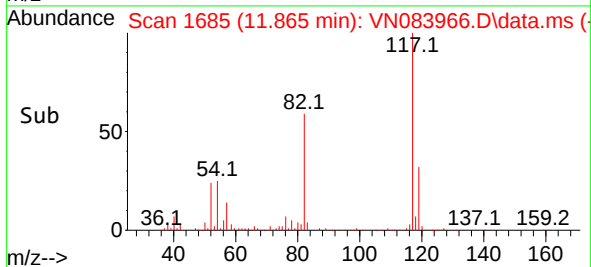
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

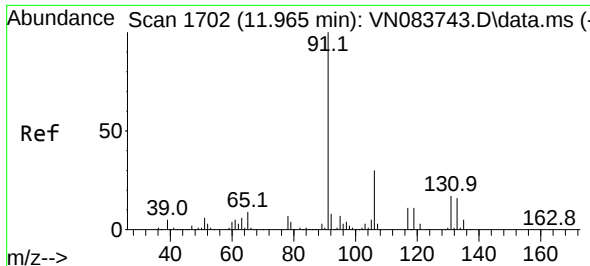


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45



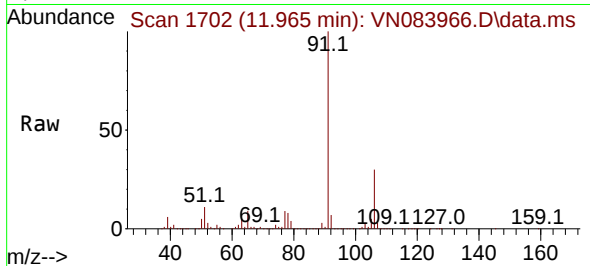
Tgt Ion:117 Resp: 263119
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 31.5 26.3 39.5





#67
Ethyl Benzene
Concen: 118.645 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

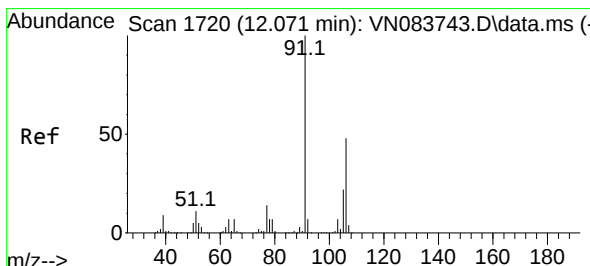
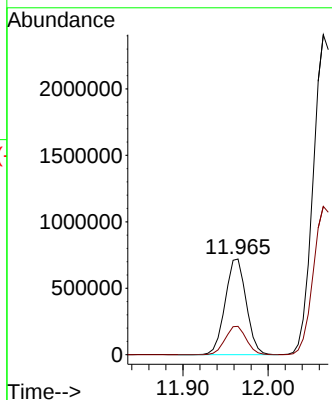
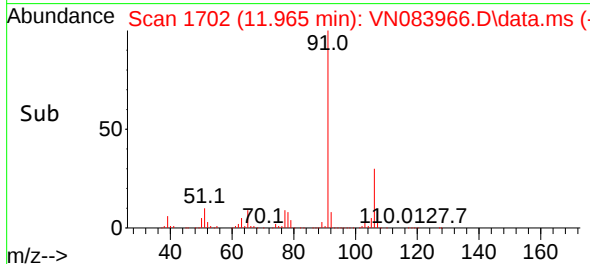
Instrument :
MSVOA_N
ClientSampleId :
SINK-2



Tgt Ion: 91 Resp: 123254
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

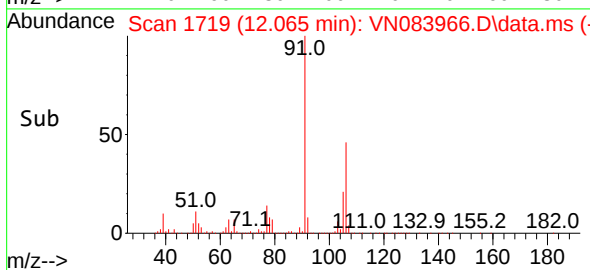
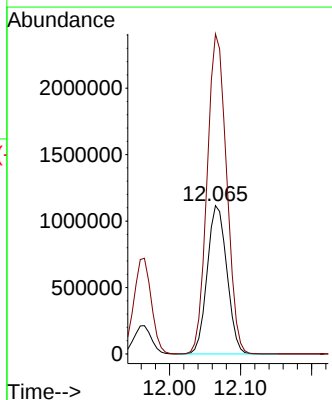
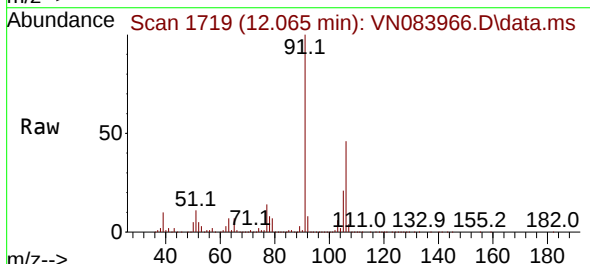
Manual Integrations
APPROVED

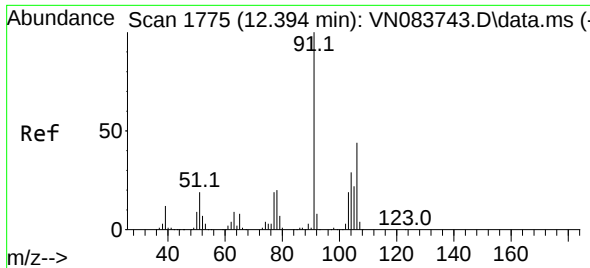
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#68
m/p-Xylenes
Concen: 555.823 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

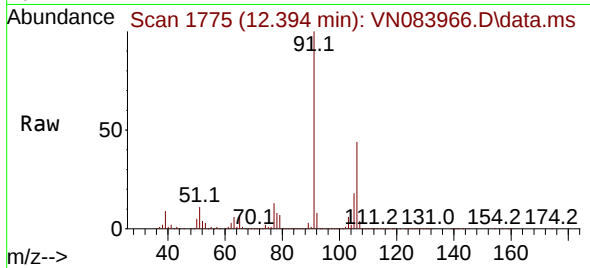
Tgt Ion:106 Resp: 2143731
Ion Ratio Lower Upper
106 100
91 214.1 169.2 253.8





#69
o-Xylene
Concen: 220.432 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

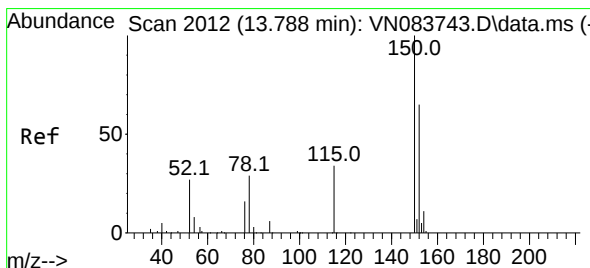
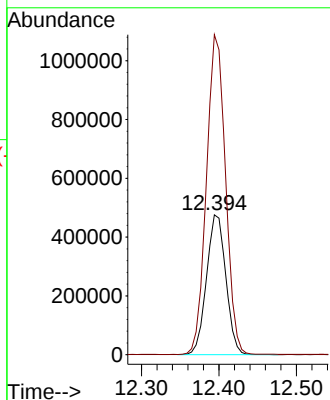
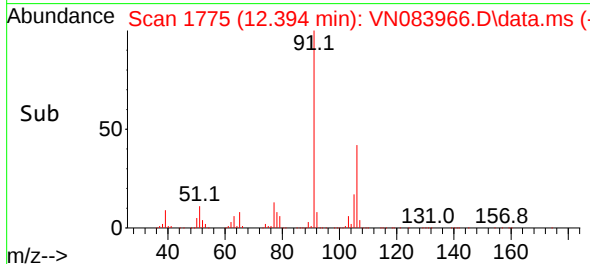
Instrument :
MSVOA_N
ClientSampleId :
SINK-2



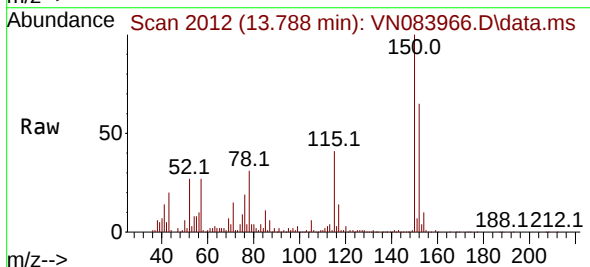
Tgt Ion:106 Resp: 82303
Ion Ratio Lower Upper
106 100
91 226.2 112.9 338.6

Manual Integrations
APPROVED

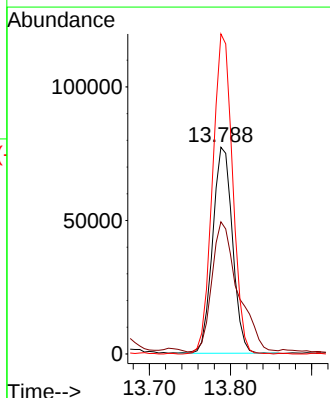
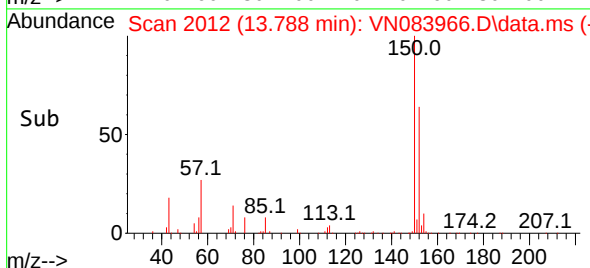
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024

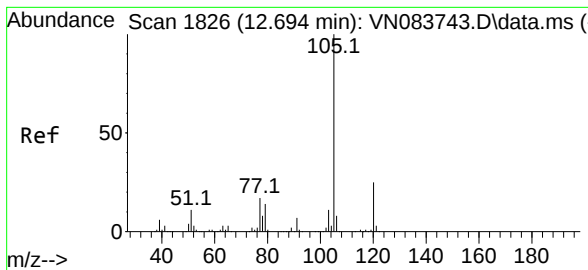


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45



Tgt Ion:152 Resp: 131239
Ion Ratio Lower Upper
152 100
115 82.5 32.2 96.6
150 156.6 0.0 348.6





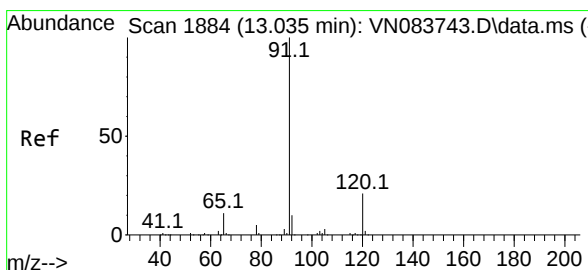
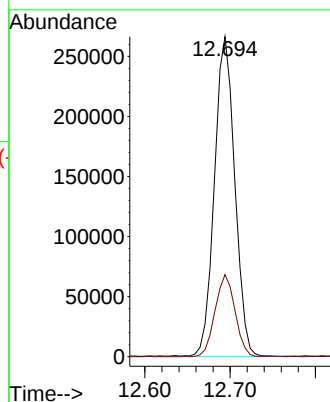
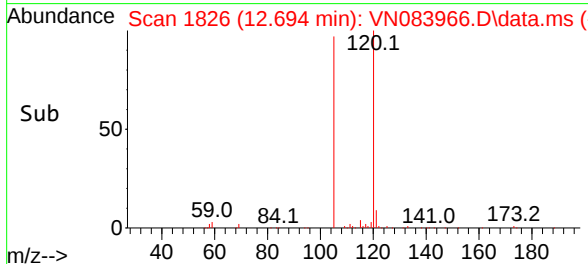
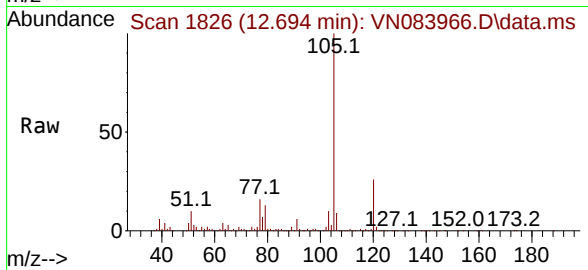
#73
Isopropylbenzene
Concen: 43.395 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

Instrument :
MSVOA_N
ClientSampleId :
SINK-2

Tgt Ion:105 Resp: 440600
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

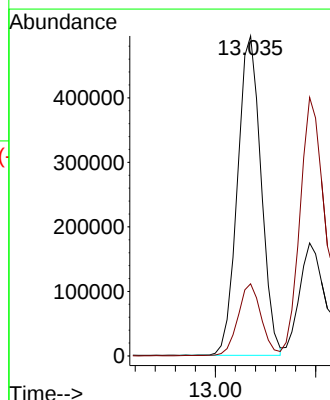
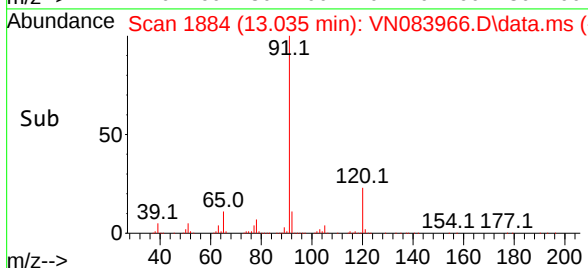
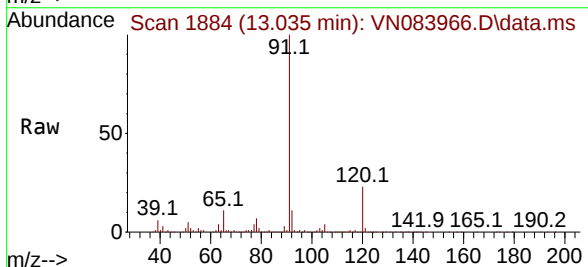
Manual Integrations
APPROVED

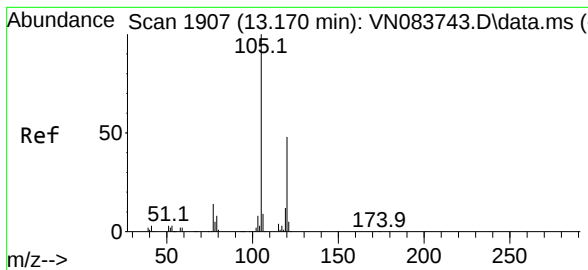
Reviewed By :John Carlone 09/18/2024
Supervised By :Mahesh Dadoda 09/18/2024



#78
n-propylbenzene
Concen: 68.372 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083966.D
Acq: 18 Sep 2024 06:45

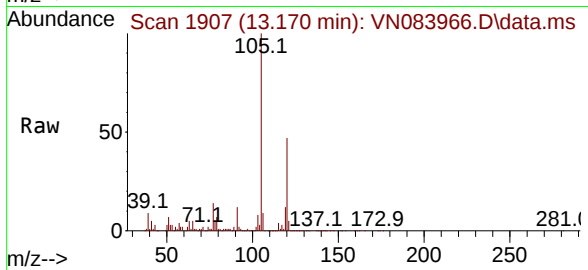
Tgt Ion: 91 Resp: 807731
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0





#80
 1,3,5-Trimethylbenzene
 Concen: 101.281 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN083966.D
 Acq: 18 Sep 2024 06:45

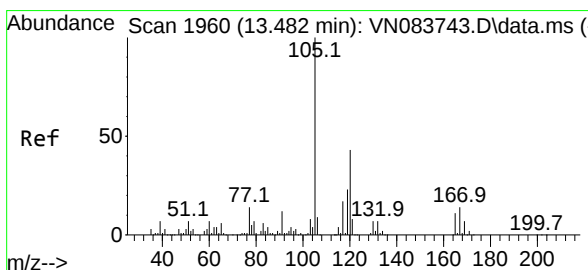
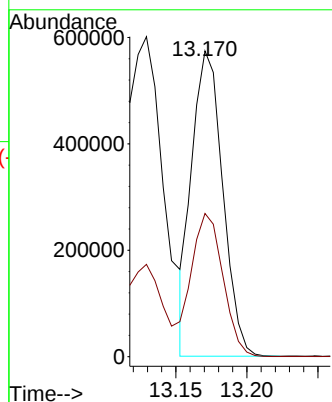
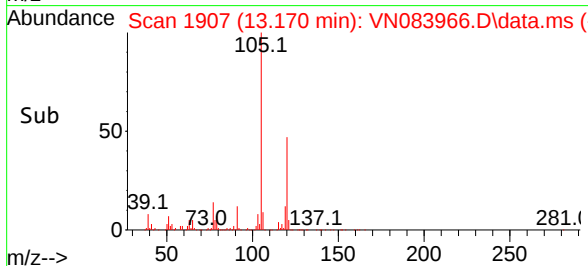
Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-2



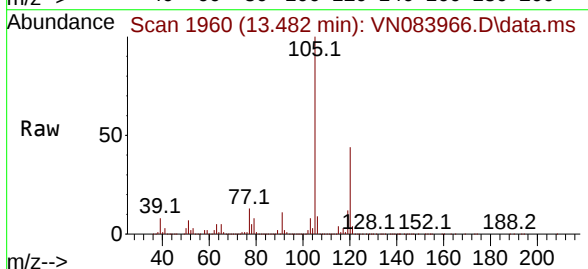
Tgt Ion:105 Resp: 867000
 Ion Ratio Lower Upper
 105 100
 120 49.5 23.4 70.3

Manual Integrations
 APPROVED

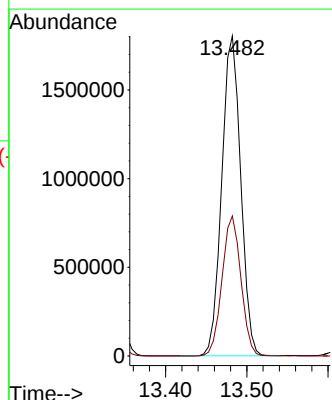
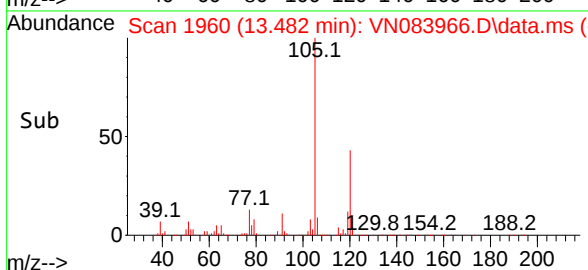
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

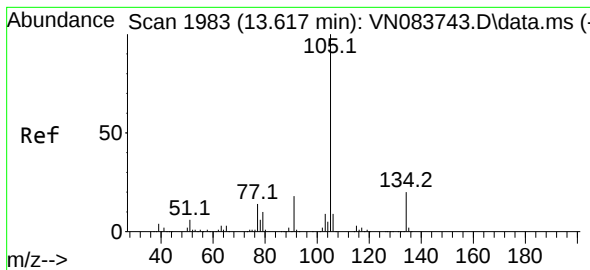


#84
 1,2,4-Trimethylbenzene
 Concen: 340.892 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083966.D
 Acq: 18 Sep 2024 06:45



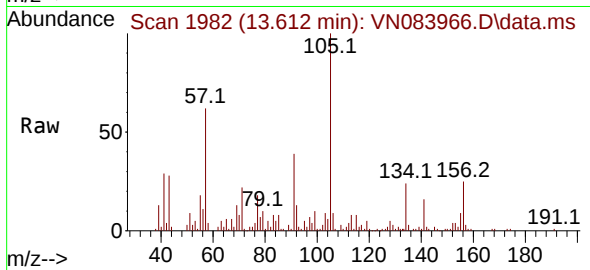
Tgt Ion:105 Resp: 2931312
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 6.223 ug/l m
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN083966.D
 Acq: 18 Sep 2024 06:45

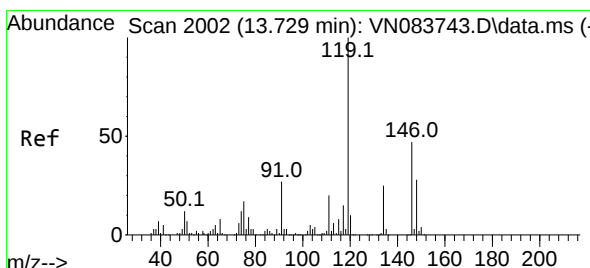
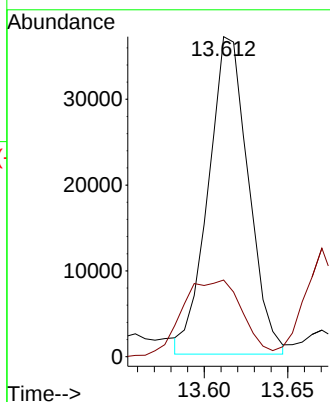
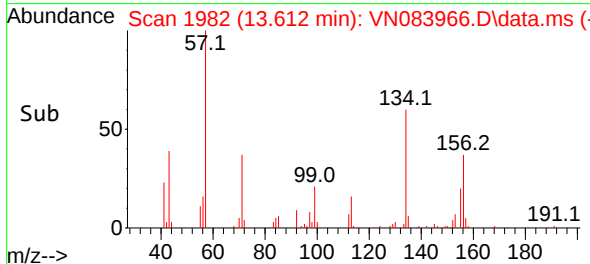
Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-2



Tgt Ion:105 Resp: 6181
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1

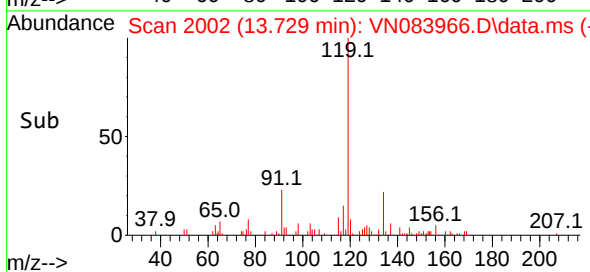
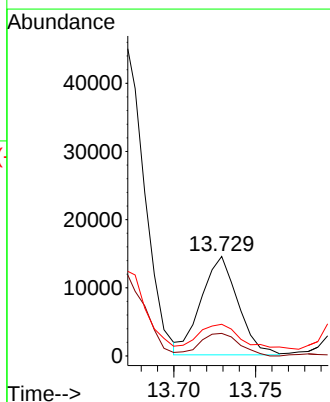
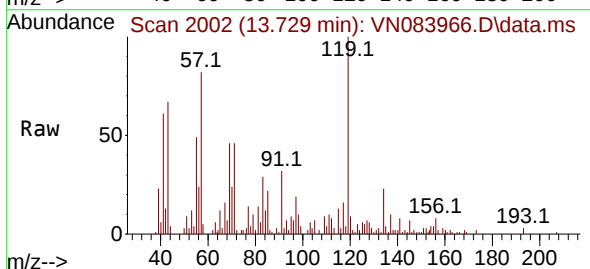
Manual Integrations
 APPROVED

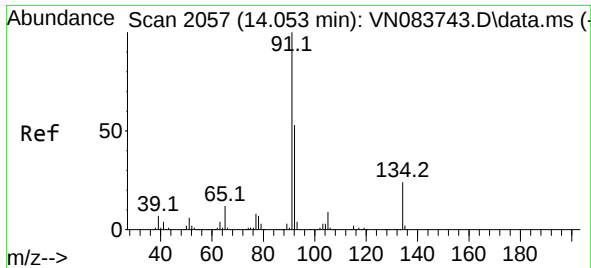
Reviewed By :John Carlone 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024



#86
 p-Isopropyltoluene
 Concen: 2.723 ug/l m
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083966.D
 Acq: 18 Sep 2024 06:45

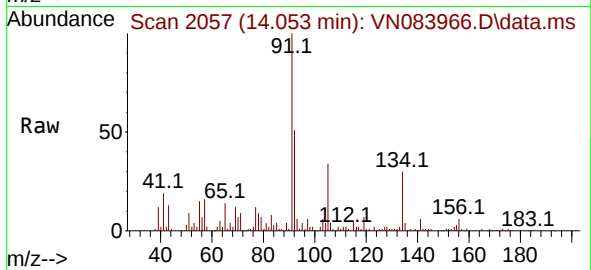
Tgt Ion:119 Resp: 22672
 Ion Ratio Lower Upper
 119 100
 134 84.9 12.8 38.3#
 91 77.3 12.9 38.7#





#89
 n-Butylbenzene
 Concen: 11.807 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VN083966.D
 Acq: 18 Sep 2024 06:45

Instrument :
 MSVOA_N
 ClientSampleId :
 SINK-2



Tgt Ion: 91	Resp: 88264
Ion Ratio	Lower Upper
91	100
92	59.4 26.7 80.1
134	0.0 12.2 36.4

Manual Integrations
 APPROVED

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

