Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
Data File : VN075828.D
Acq On : 15 Dec 2022 19:23
Operator : JC\MD
Sample : N5990-08DL 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:12:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	355177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	554143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	484403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	180237	46.645	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.300%			
35) Dibromofluoromethane	8.171	113	165836	48.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.640%			
50) Toluene-d8	10.571	98	642444	50.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.853	95	207283	48.776	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.560%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.606	83	6180	1.124	ug/l #	84
40) Benzene	8.612	78	17641	1.254	ug/l	98
52) Toluene	10.635	92	3739	0.408	ug/l	92
67) Ethyl Benzene	11.965	91	814220	48.523	ug/l	98
68) m/p-Xylenes	12.076	106	291078	43.827	ug/l	98
69) o-Xylene	12.400	106	139793	21.269	ug/l	99
73) Isopropylbenzene	12.700	105	43502	2.767	ug/l	98
78) n-propylbenzene	13.041	91	130821	7.545	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	106338	8.082	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	584112	44.748	ug/l	99
85) sec-Butylbenzene	13.618	105	6113m	0.382	ug/l	
89) n-Butylbenzene	14.059	91	5478	0.508	ug/l #	79
95) Naphthalene	15.647	128	174254	16.254	ug/l	100

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

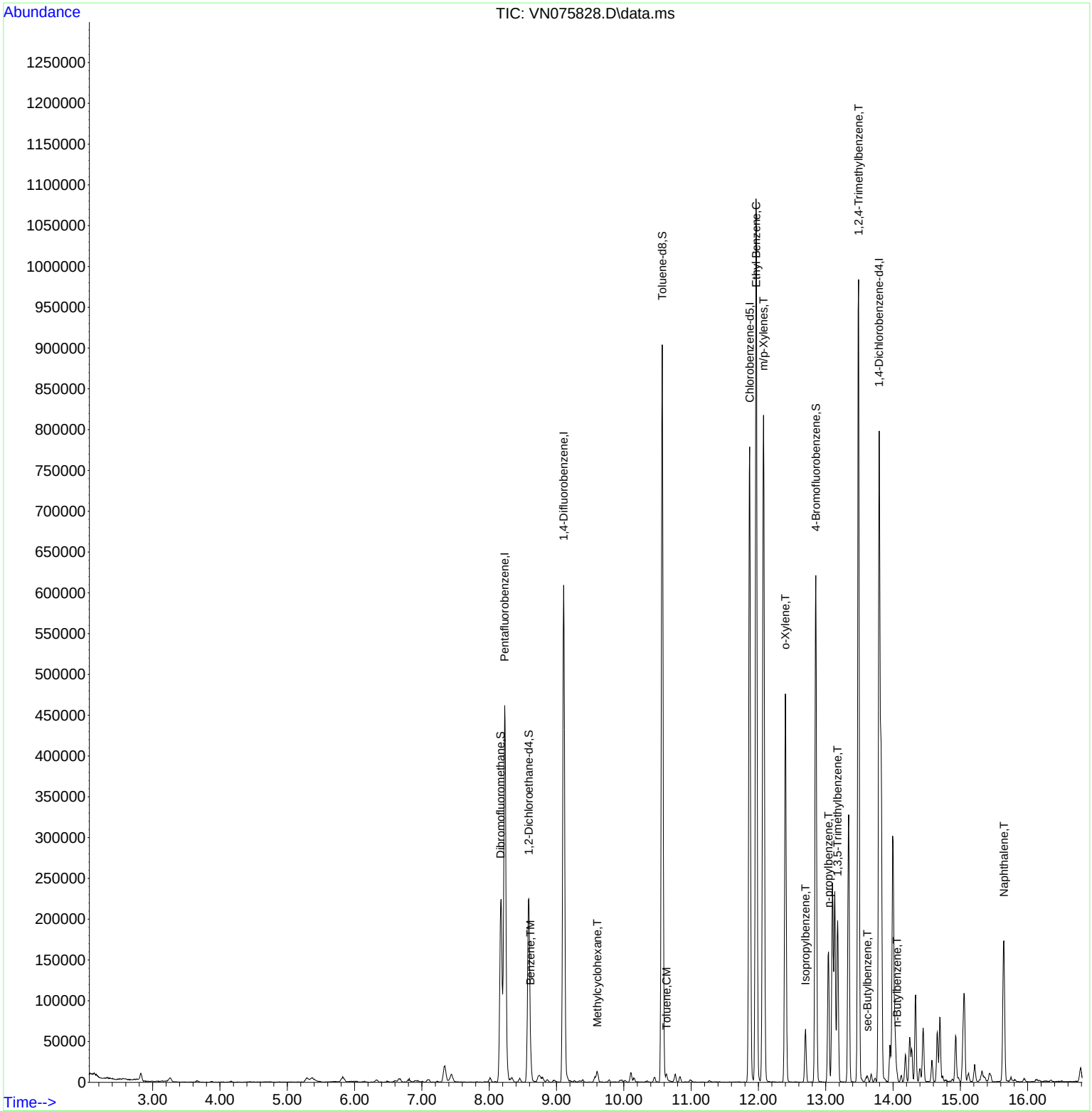
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
Data File : VN075828.D
Acq On : 15 Dec 2022 19:23
Operator : JC\MD
Sample : N5990-08DL 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

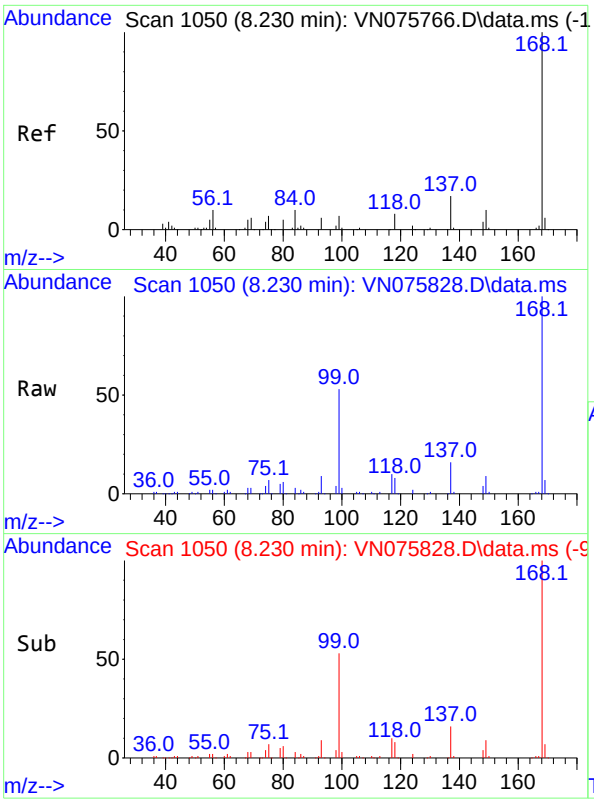
Quant Time: Dec 16 03:12:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

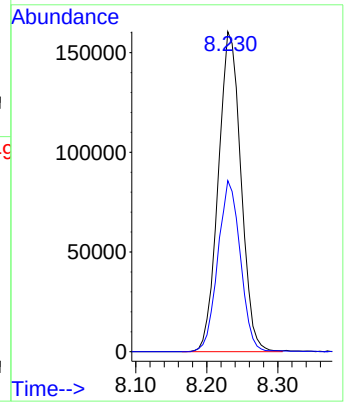
Tgt Ion:168 Resp: 35517

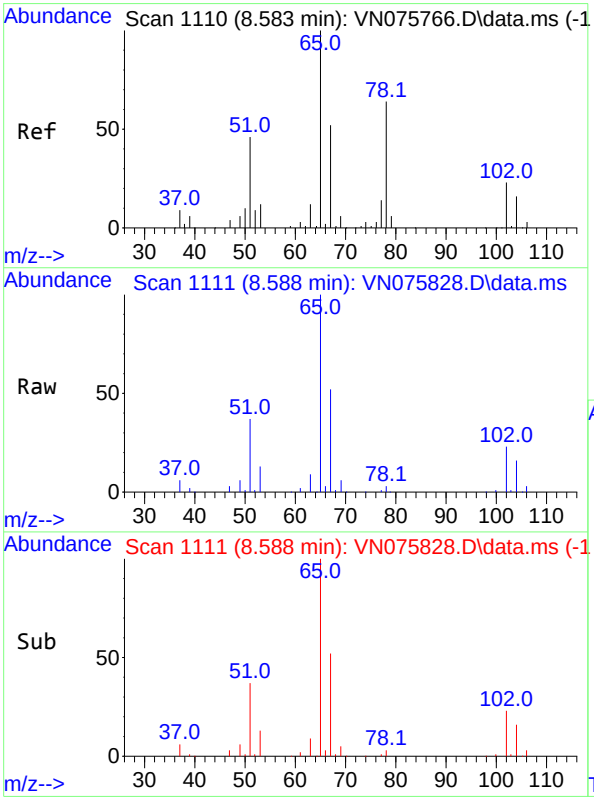
Ion	Ratio	Lower	Upper
168	100		
99	53.5	44.2	66.4

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

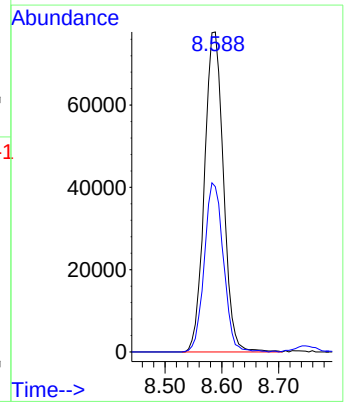


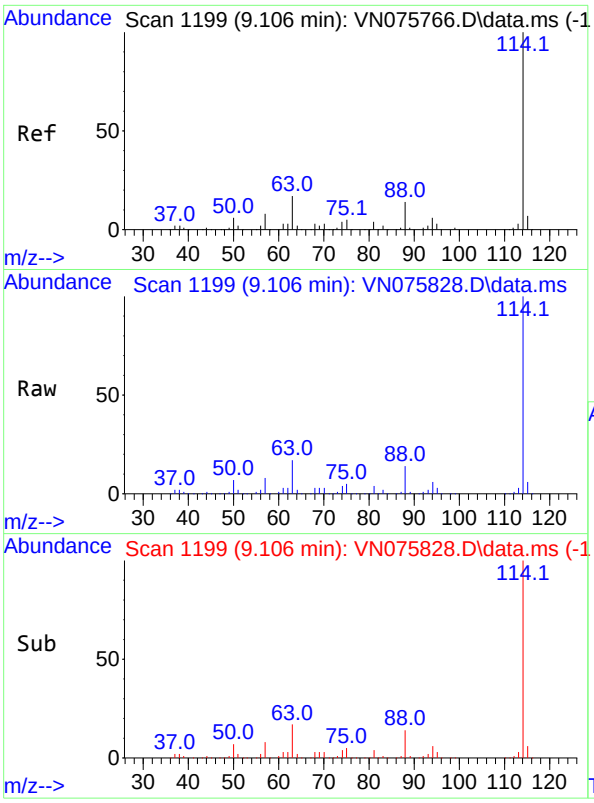


#33
1,2-Dichloroethane-d4
Concen: 46.645 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion: 65 Resp: 180237

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	103.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

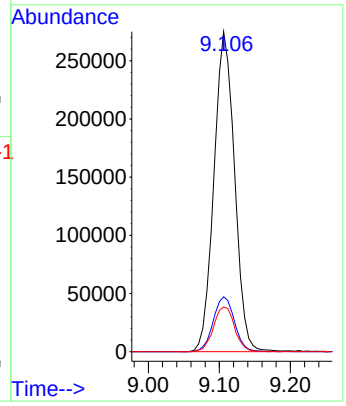
Tgt Ion:114 Resp: 55414

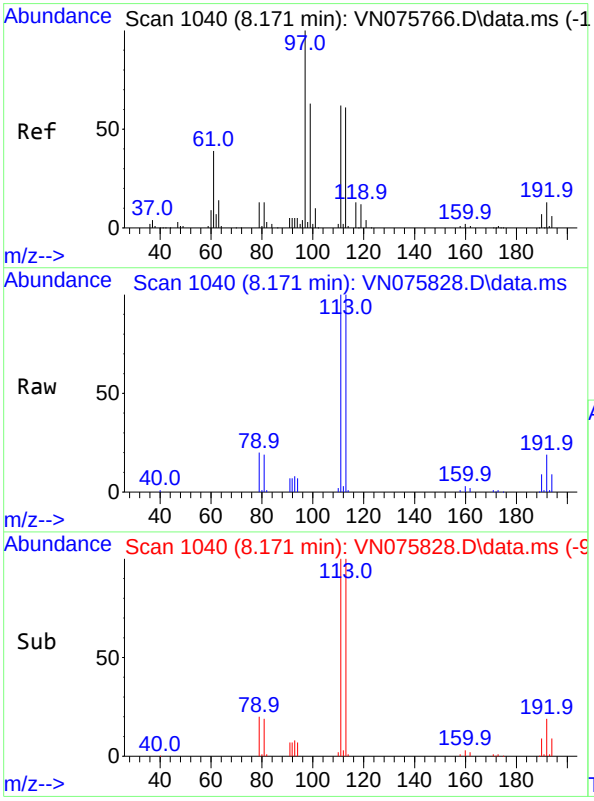
Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	34.4
88	13.9	0.0	28.8

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

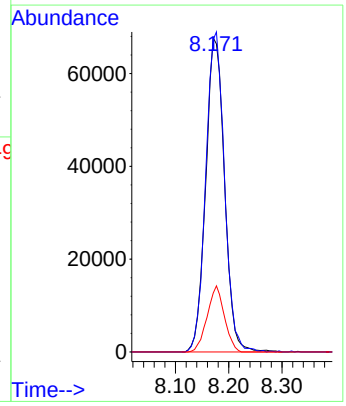


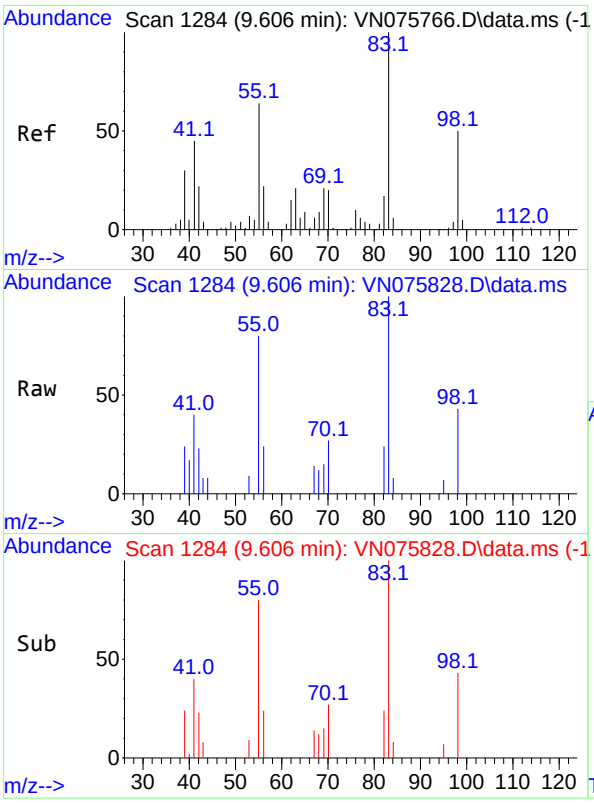


#35
Dibromofluoromethane
Concen: 48.324 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion:113 Resp: 165836

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	19.2	16.1	24.1





#39
Methylcyclohexane
Concen: 1.124 ug/l
RT: 9.606 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

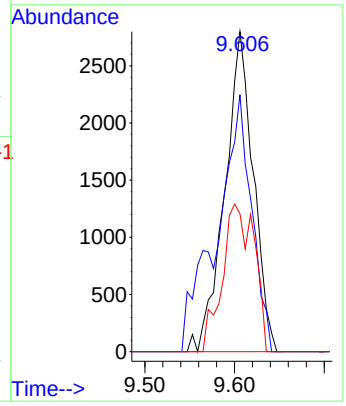
Tgt Ion: 83 Resp: 618

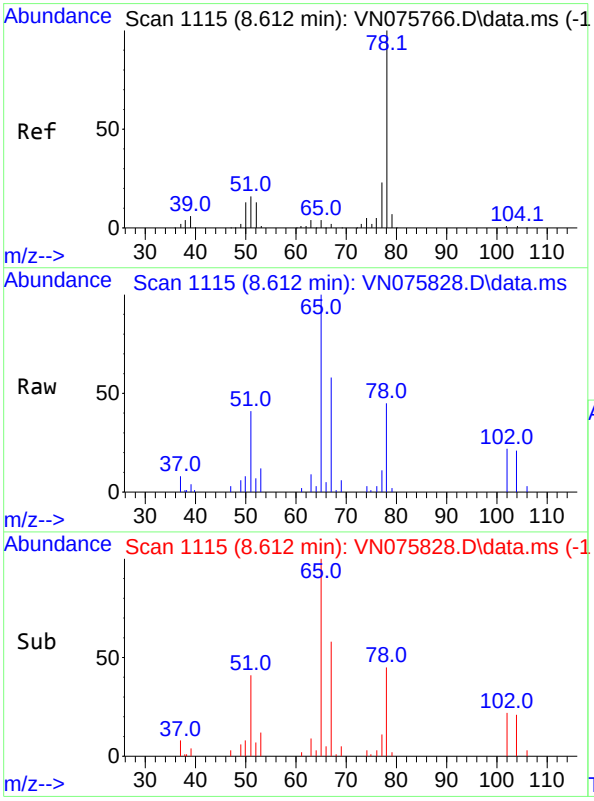
Ion	Ratio	Lower	Upper
83	100		
55	80.3	51.4	77.0
98	43.1	39.8	59.8

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

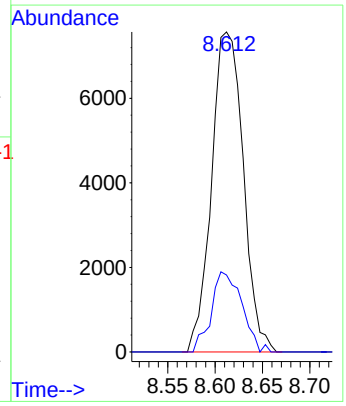


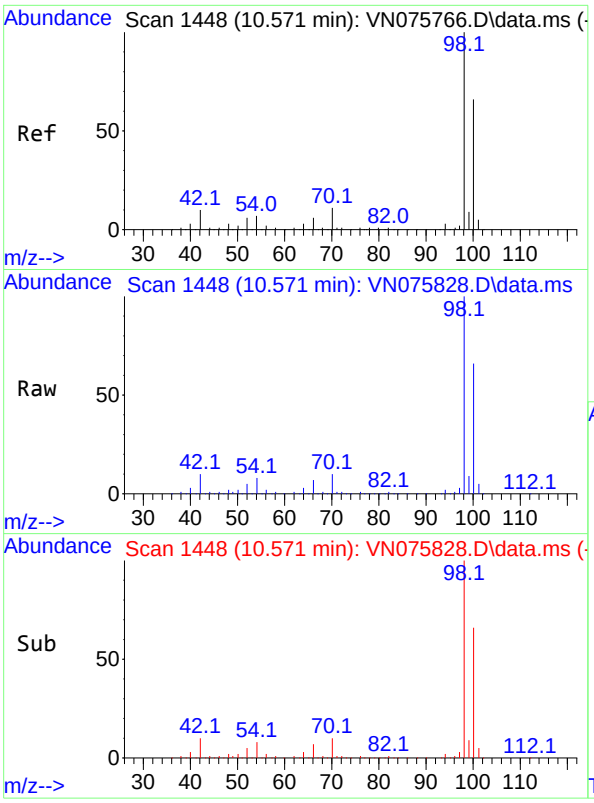


#40
Benzene
Concen: 1.254 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion: 78 Resp: 17641

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.5	27.7





#50
Toluene-d8
Concen: 50.070 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

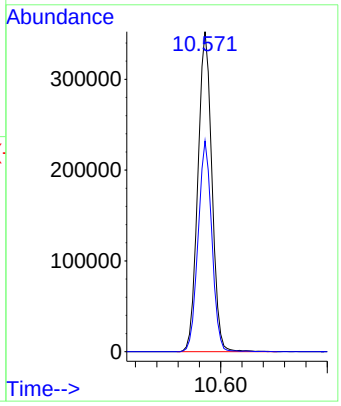
Tgt Ion: 98 Resp: 64244

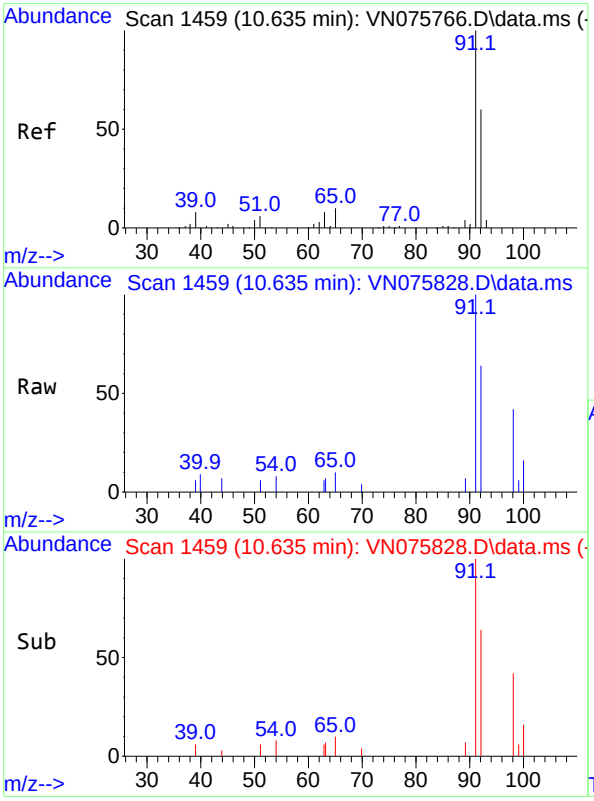
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

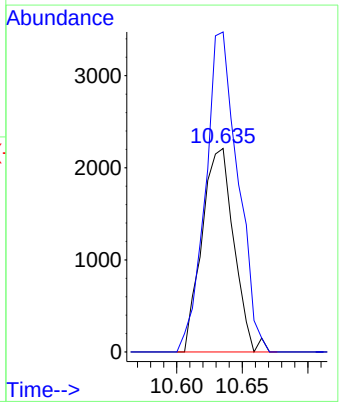


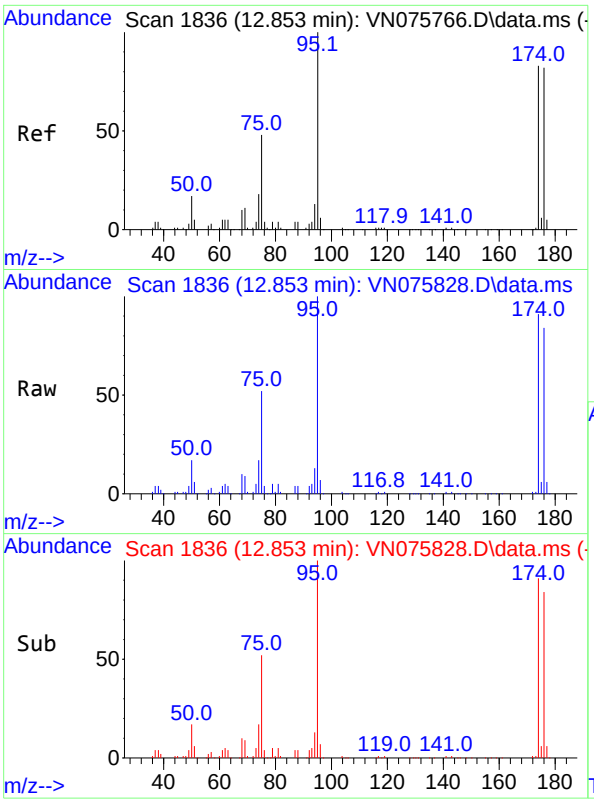


#52
Toluene
Concen: 0.408 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion: 92 Resp: 3739

Ion	Ratio	Lower	Upper
92	100		
91	160.2	137.3	205.9

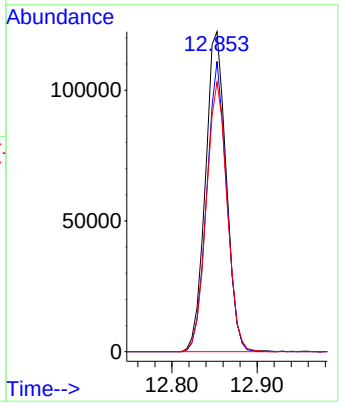




#62
4-Bromofluorobenzene
Concen: 48.776 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion: 95 Resp: 20728

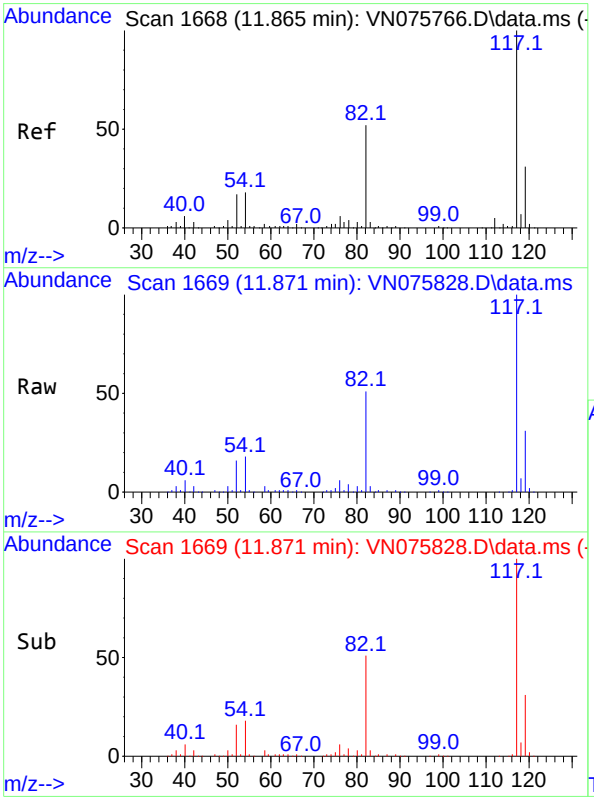
Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	171.6
176	84.2	0.0	169.2



Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

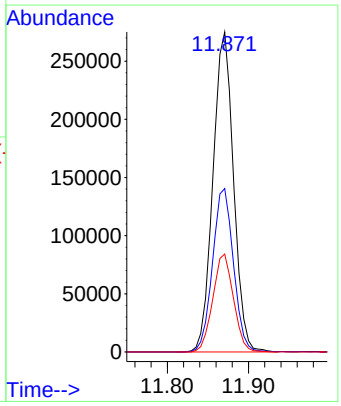
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

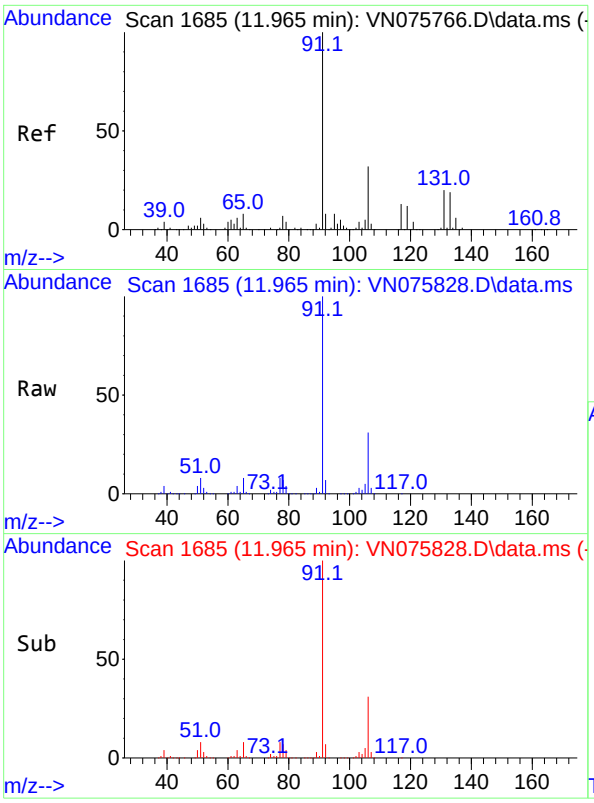


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion:117 Resp: 484403

Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.3	61.9
119	30.6	24.6	37.0





#67
Ethyl Benzene
Concen: 48.523 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

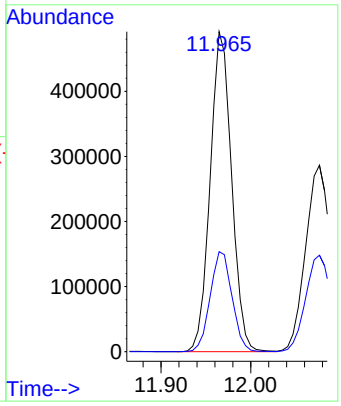
Tgt Ion: 91 Resp: 81422

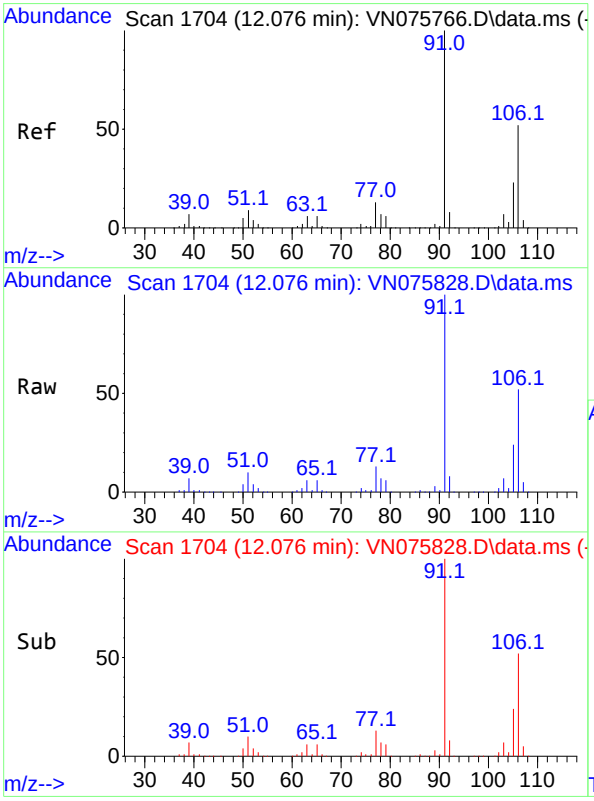
Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.7	38.5

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

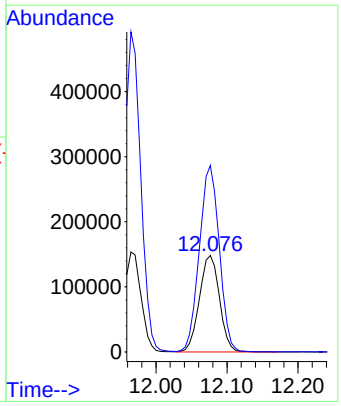


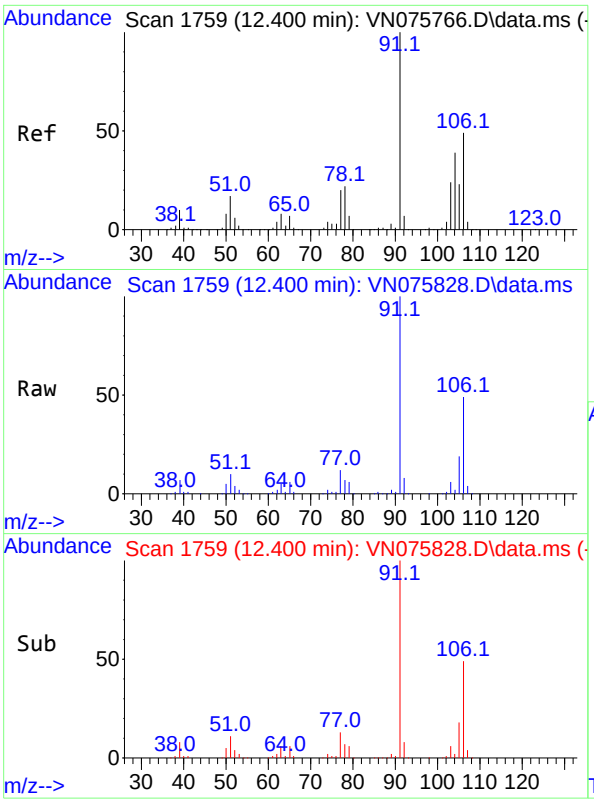


#68
m/p-Xylenes
Concen: 43.827 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion:106 Resp: 291078

Ion	Ratio	Lower	Upper
106	100		
91	192.1	156.6	235.0





#69
o-Xylene
Concen: 21.269 ug/l
RT: 12.400 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

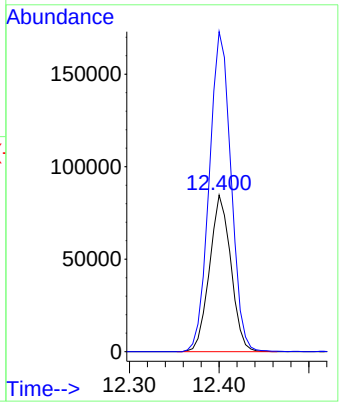
Tgt Ion:106 Resp: 13979

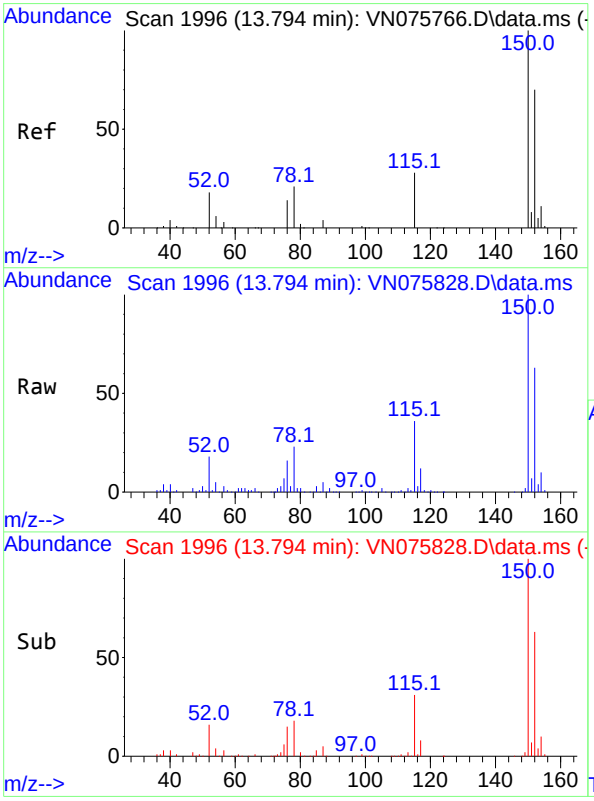
Ion	Ratio	Lower	Upper
106	100		
91	208.5	103.8	311.6

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

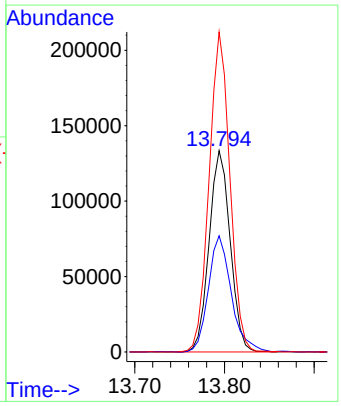


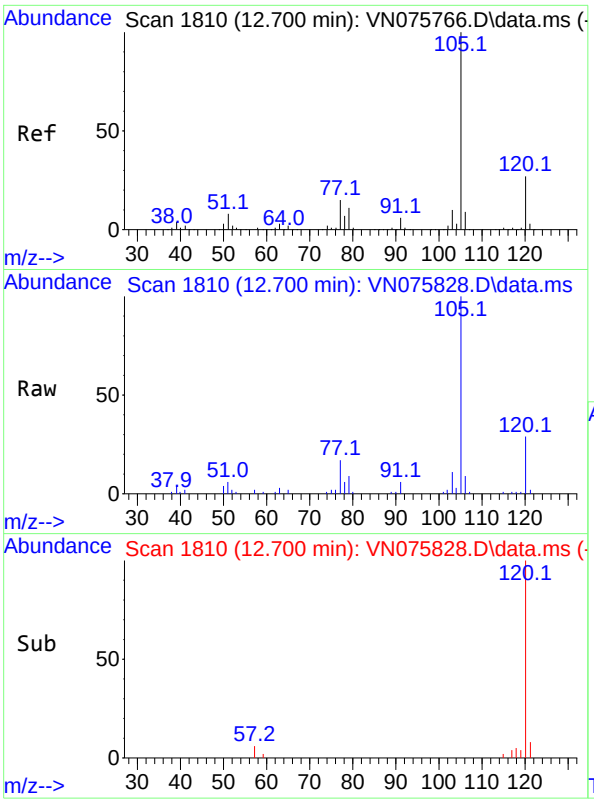


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion:152 Resp: 217555

Ion	Ratio	Lower	Upper
152	100		
115	62.8	29.1	87.4
150	156.5	0.0	347.0





#73
Isopropylbenzene
Concen: 2.767 ug/l
RT: 12.700 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

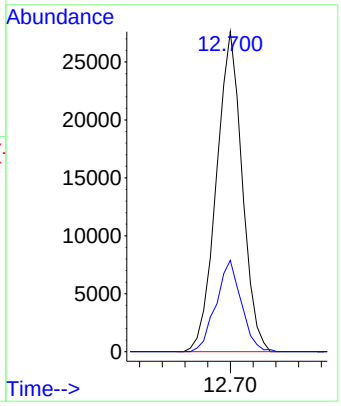
Tgt Ion:105 Resp: 4350

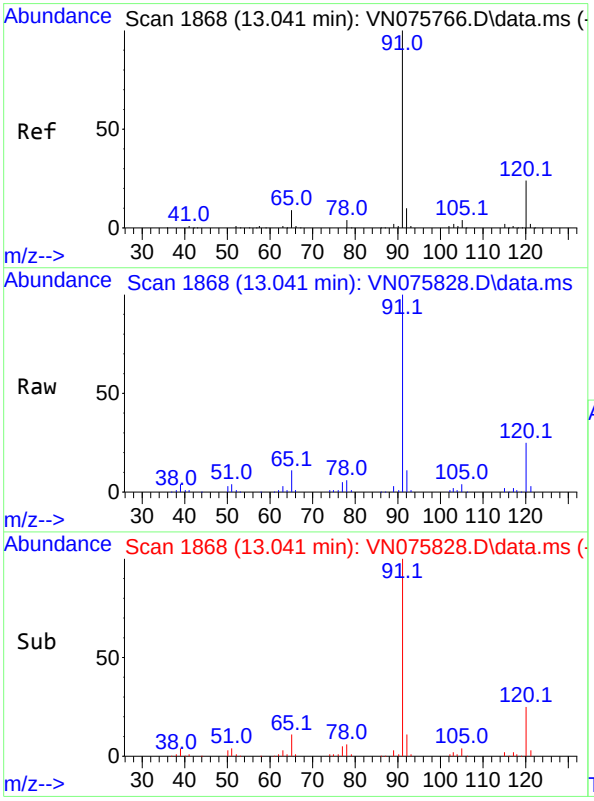
Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.4	40.2

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

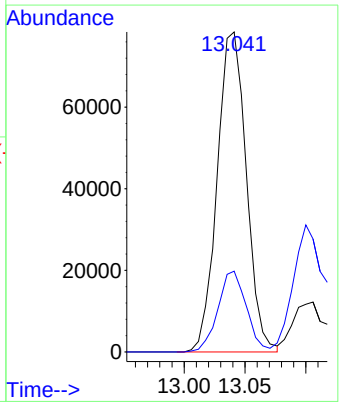


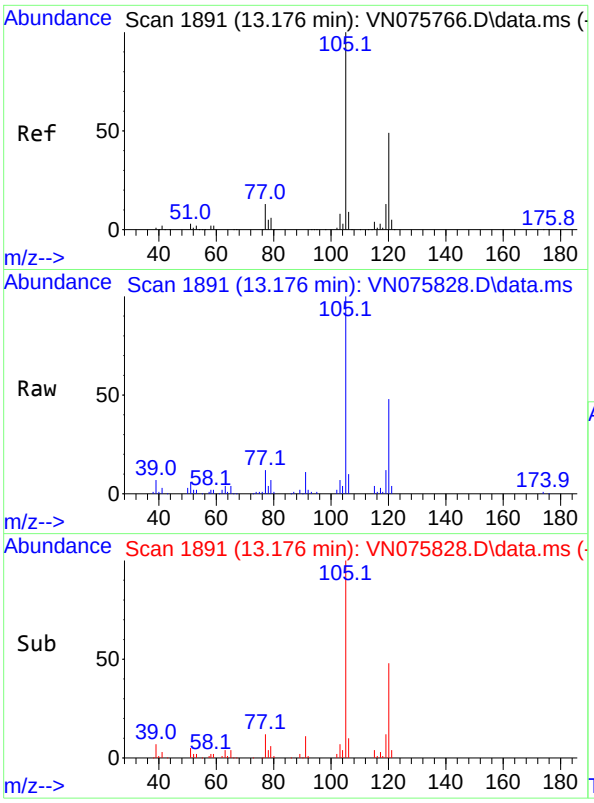


#78
n-propylbenzene
Concen: 7.545 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion: 91 Resp: 130821

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.0	36.1





#80
1,3,5-Trimethylbenzene
Concen: 8.082 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

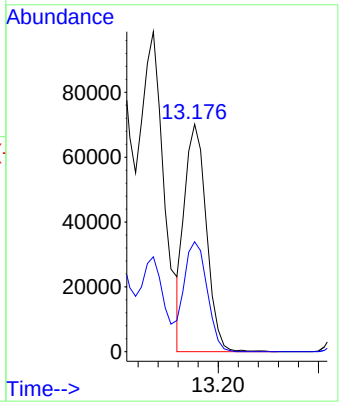
Tgt Ion:105 Resp: 10633

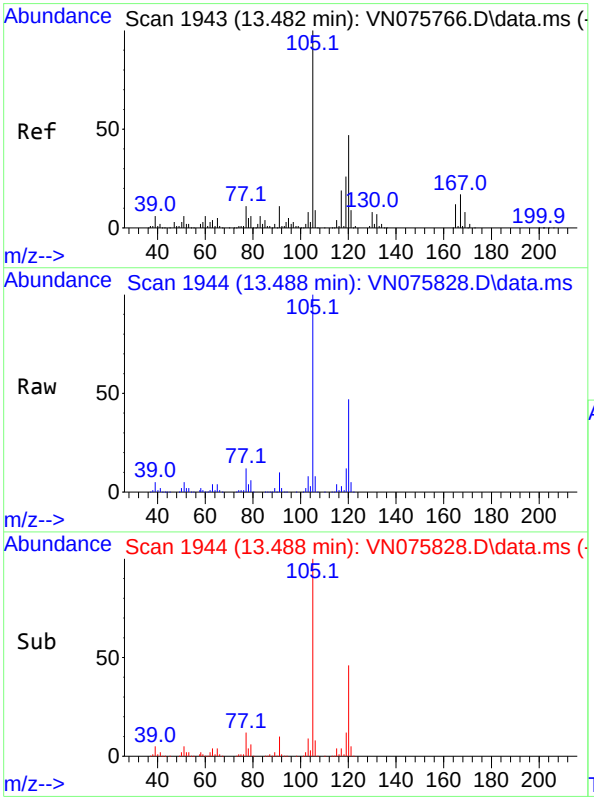
Ion	Ratio	Lower	Upper
105	100		
120	52.9	24.7	74.1

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

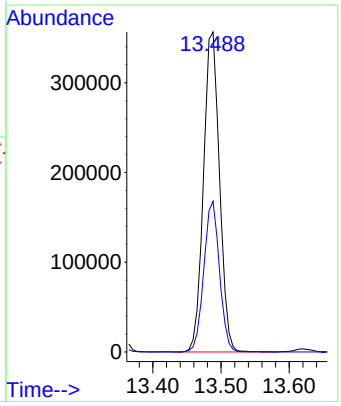


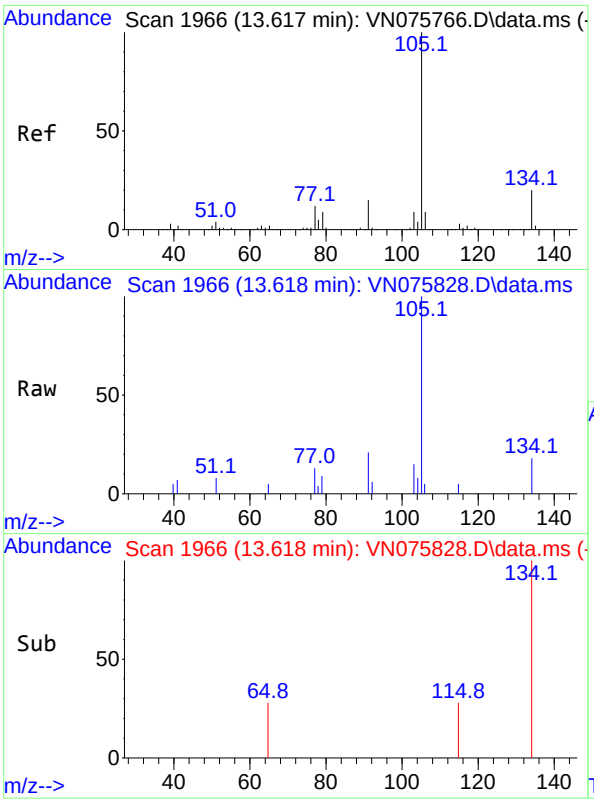


#84
1,2,4-Trimethylbenzene
Concen: 44.748 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion:105 Resp: 584112

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.3	69.8





#85
sec-Butylbenzene
Concen: 0.382 ug/l m
RT: 13.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

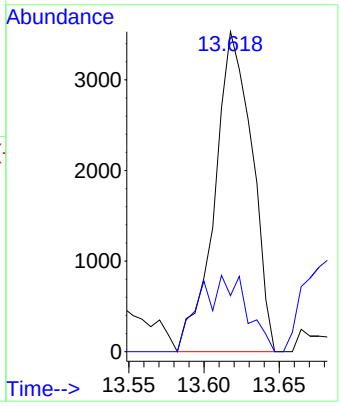
Tgt Ion:105 Resp: 611

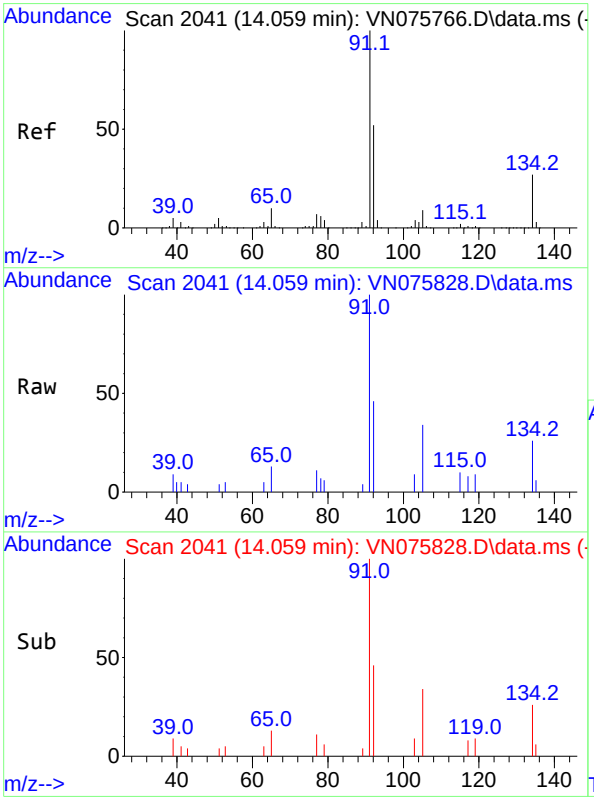
Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.1	30.1#

Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

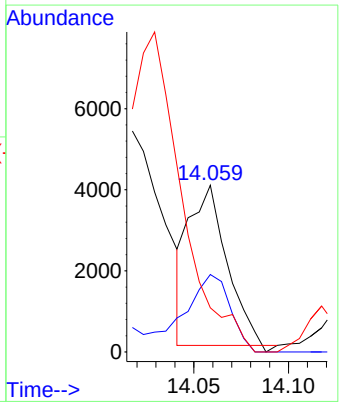


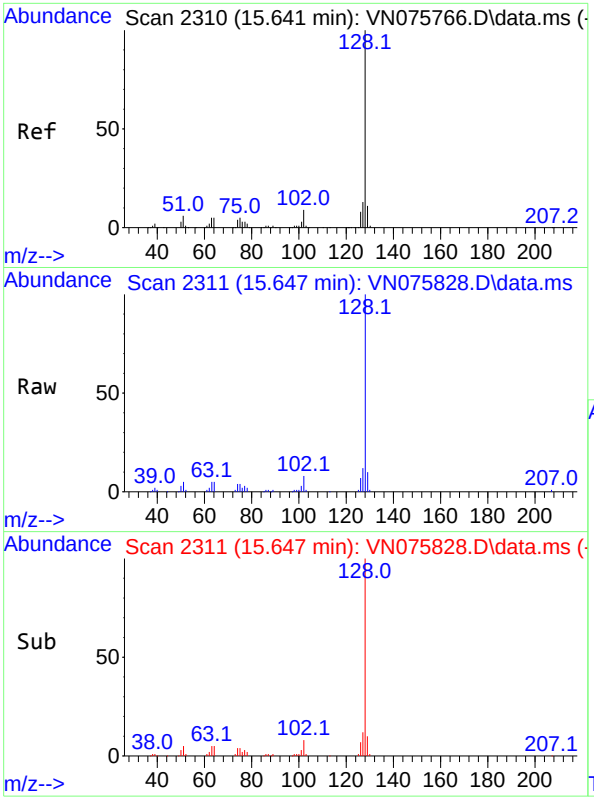


#89
n-Butylbenzene
Concen: 0.508 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion: 91 Resp: 5478

Ion	Ratio	Lower	Upper
91	100		
92	56.7	26.4	79.2
134	0.0	13.4	40.2#

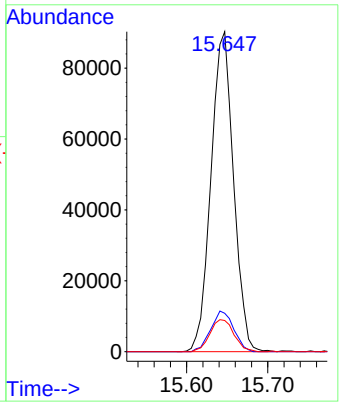




#95
Naphthalene
Concen: 16.254 ug/l
RT: 15.647 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN075828.D
Acq: 15 Dec 2022 19:23

Tgt Ion:128 Resp: 17425

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.7	13.1



Instrument :
MSVOA_N
ClientSampleId :
MW-43DL

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022