

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079981.D
 Acq On : 07 Nov 2023 21:45
 Operator : JC\MD
 Sample : 05102-11DL 200X
 Misc : 2.70g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 67S-SB16-1617DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 04:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	254900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	540076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230458	59.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.680%			
35) Dibromofluoromethane	8.171	113	192420	52.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.300%			
50) Toluene-d8	10.571	98	680350	50.569	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.853	95	255512	57.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.520%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.494	96	27939	7.633	ug/l	95
31) Cyclohexane	8.230	56	13741m	2.678	ug/l	
39) Methylcyclohexane	9.600	83	5288	1.077	ug/l #	80
40) Benzene	8.612	78	18796	1.203	ug/l	99
52) Toluene	10.635	92	1156198	124.784	ug/l	99
64) Tetrachloroethene	11.106	164	4128	1.180	ug/l #	82
67) Ethyl Benzene	11.965	91	351387	17.216	ug/l	92
68) m/p-Xylenes	12.070	106	539879	71.005	ug/l	91
69) o-Xylene	12.400	106	164722	22.498	ug/l	93
78) n-propylbenzene	13.041	91	23753	1.230	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	37180	2.881	ug/l	100

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

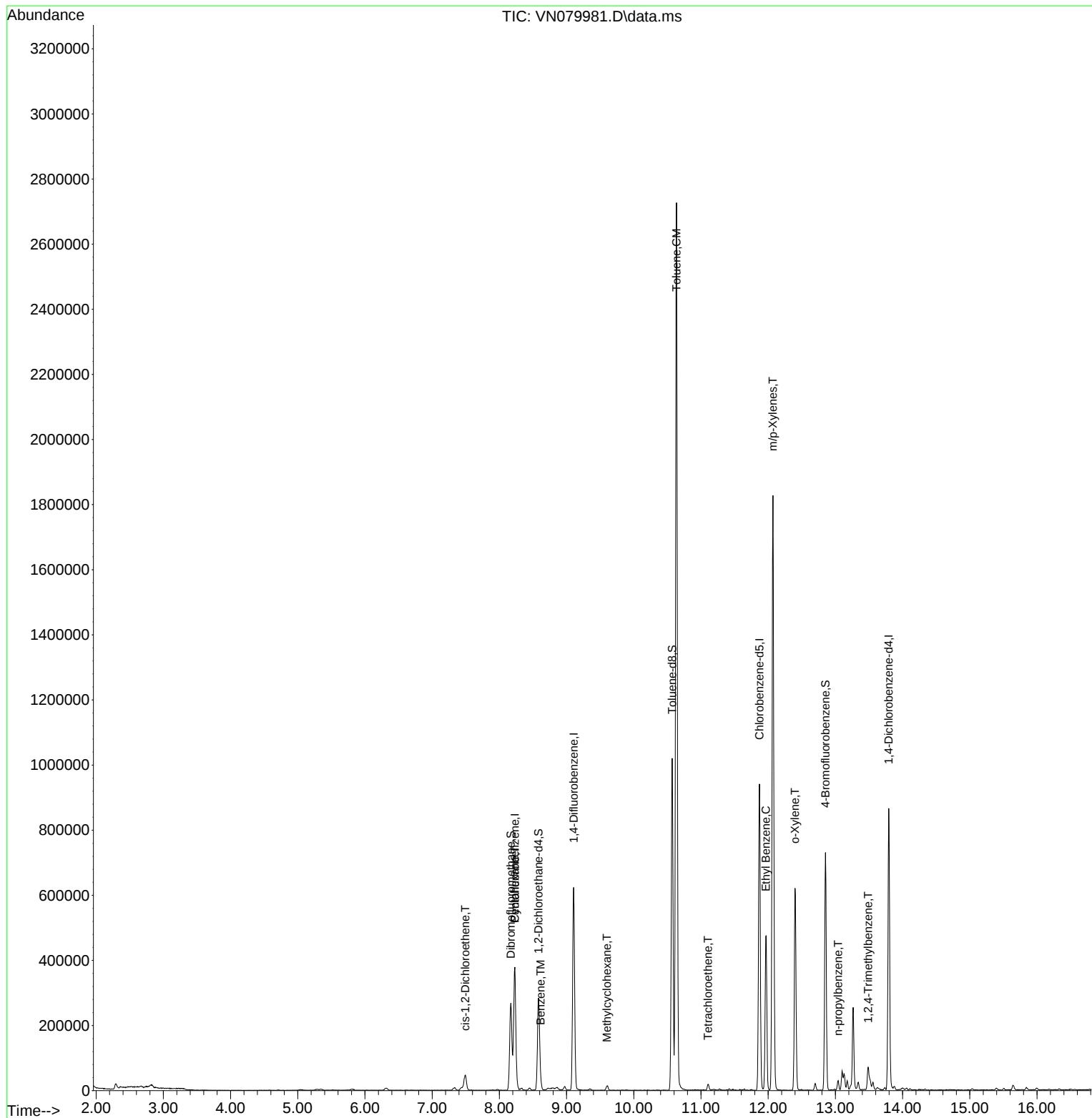
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
Data File : VN079981.D
Acq On : 07 Nov 2023 21:45
Operator : JC\MD
Sample : 05102-11DL 200X
Misc : 2.70g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 24 Sample Multiplier: 1

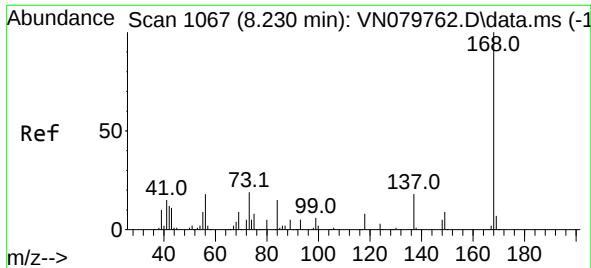
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/08/2023
Supervised By : Mahesh Dadoda 11/08/2023

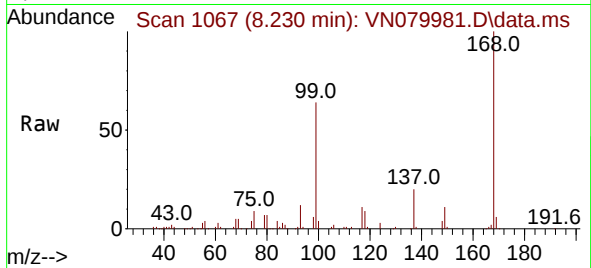
Quant Time: Nov 08 04:38:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

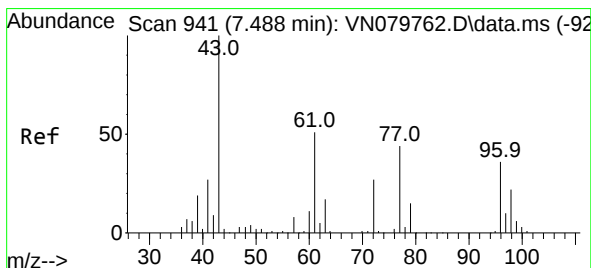
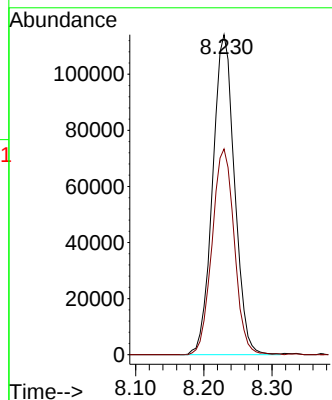
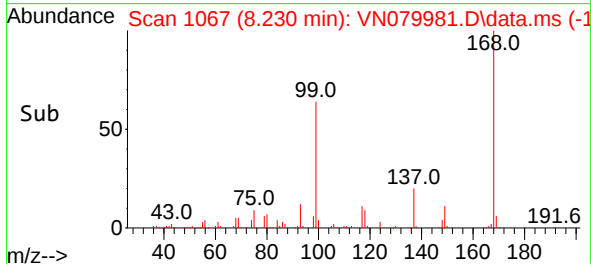
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL



Tgt Ion:168 Resp: 254900
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6

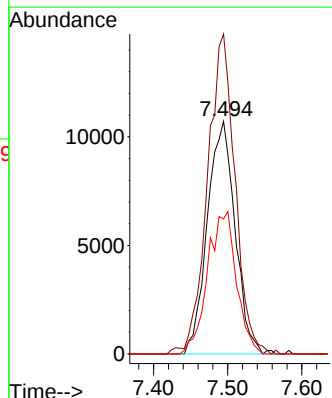
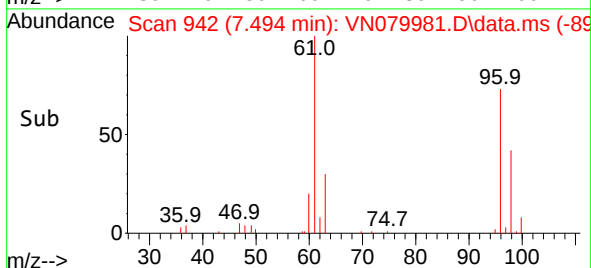
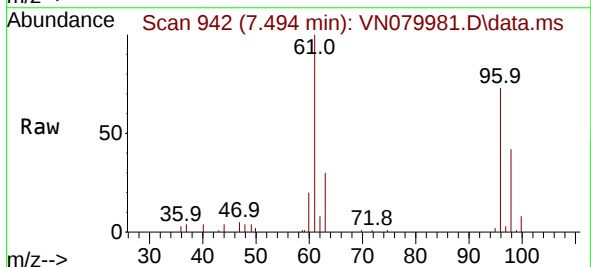
Manual Integrations
APPROVED

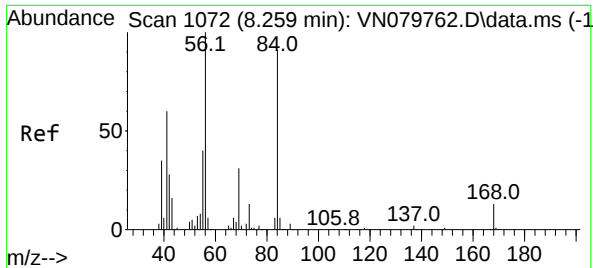
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#27
cis-1,2-Dichloroethene
Concen: 7.633 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

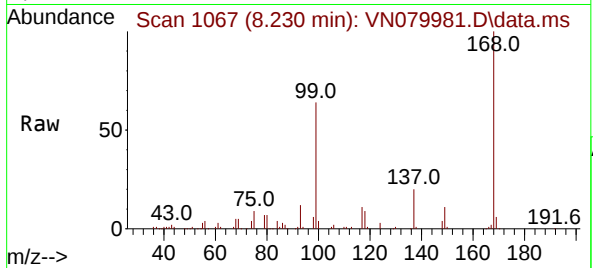
Tgt Ion: 96 Resp: 27939
Ion Ratio Lower Upper
96 100
61 136.2 0.0 255.2
98 63.4 0.0 128.8





#31
Cyclohexane
Concen: 2.678 ug/l m
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

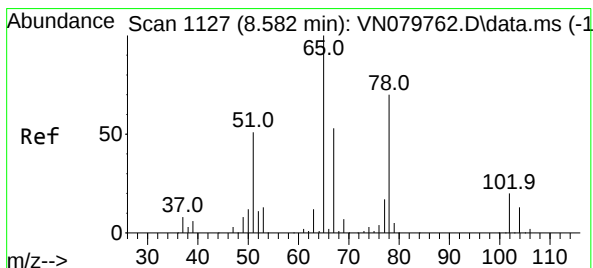
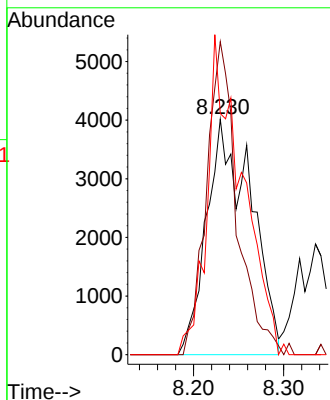
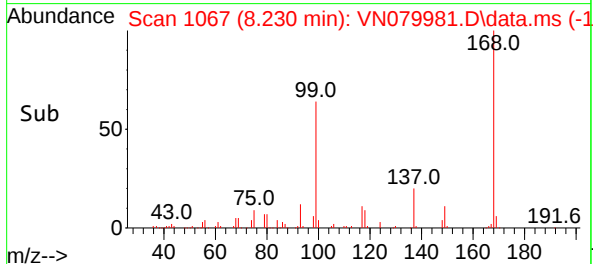
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL



Tgt Ion: 56 Resp: 1374
Ion Ratio Lower Upper
56 100
69 132.9 26.8 40.2
84 102.4 81.8 122.6

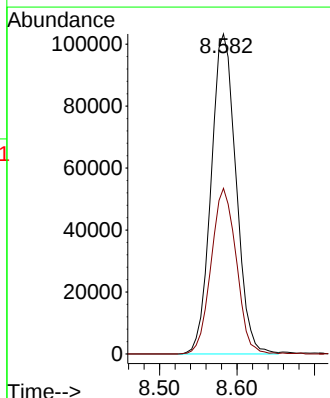
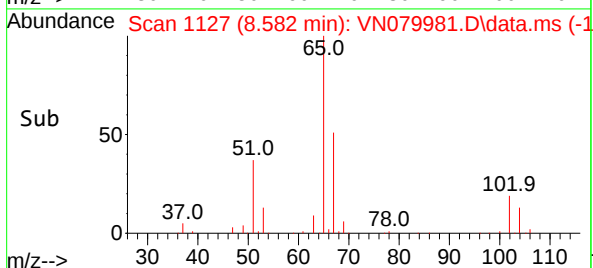
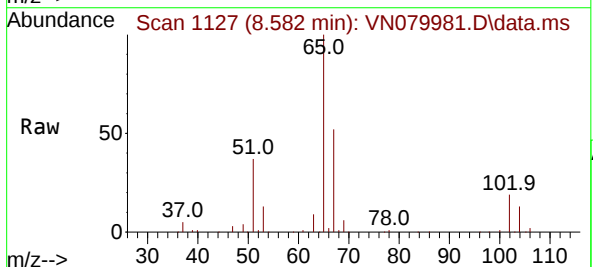
Manual Integrations
APPROVED

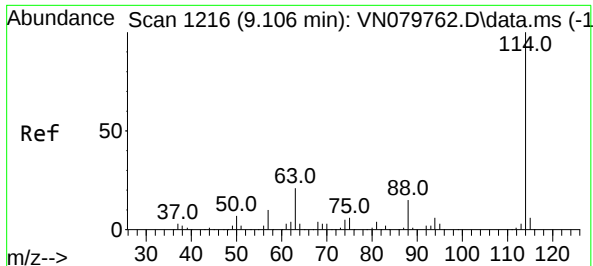
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#33
1,2-Dichloroethane-d4
Concen: 59.343 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

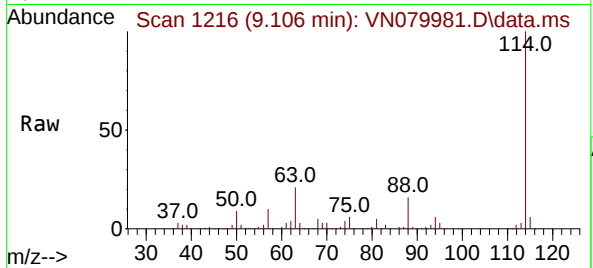
Tgt Ion: 65 Resp: 230458
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

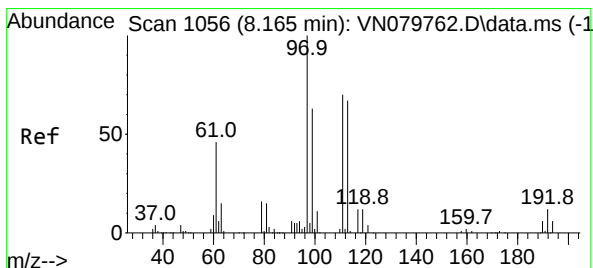
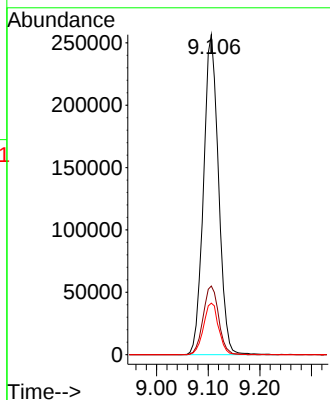
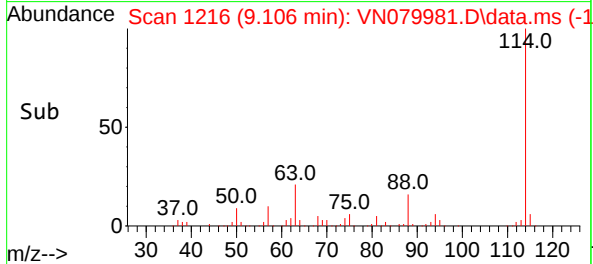
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL



Tgt Ion:114 Resp: 51635
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 16.1 0.0 30.6

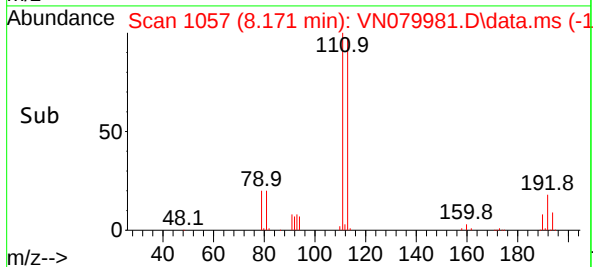
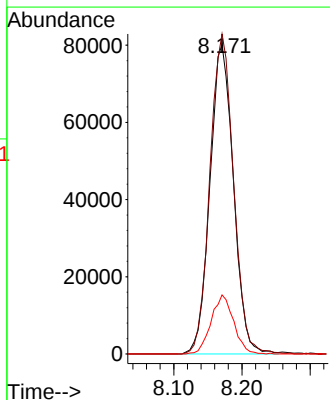
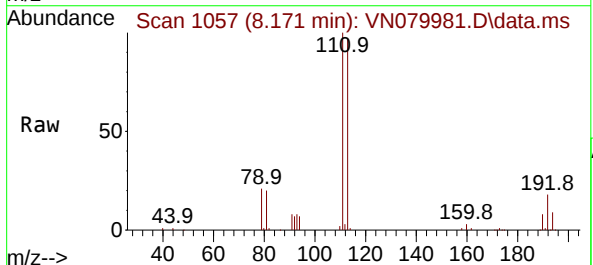
Manual Integrations
APPROVED

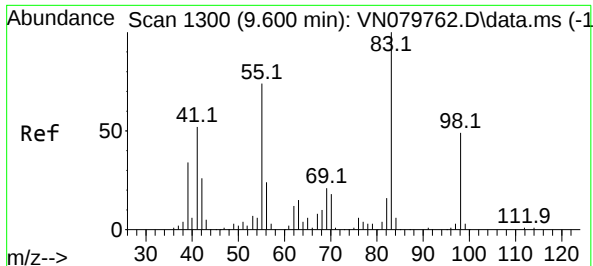
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#35
Dibromofluoromethane
Concen: 52.652 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion:113 Resp: 192420
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 18.2 12.7 19.1





#39

Methylcyclohexane

Concen: 1.077 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :

67S-SB16-1617DL

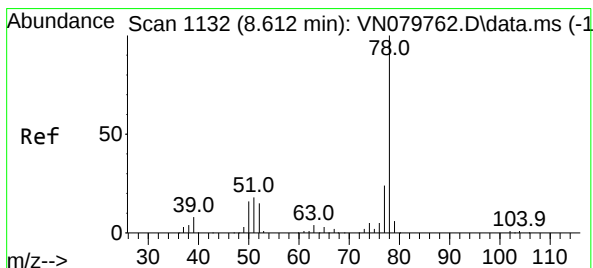
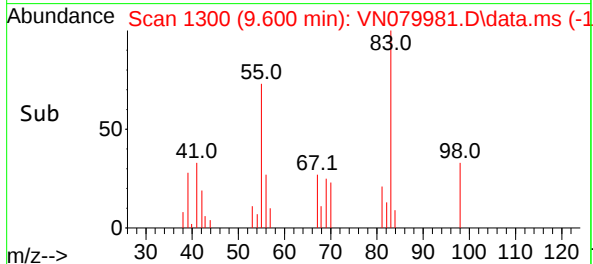
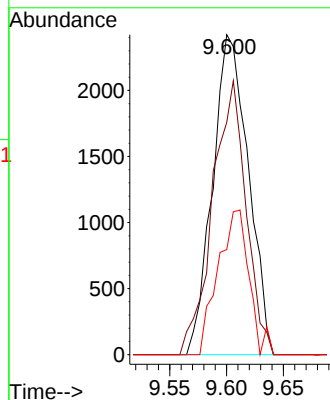
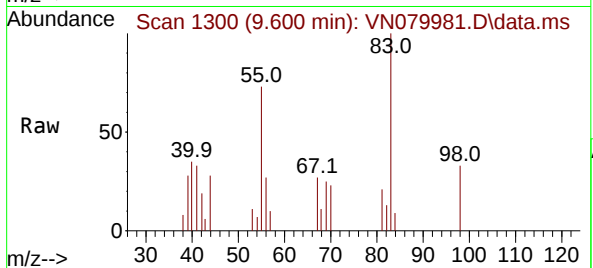
Tgt Ion: 83	Resp: 528
Ion Ratio	Lower Upper
83	100
55	72.6 49.1 73.7
98	32.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 1.203 ug/l

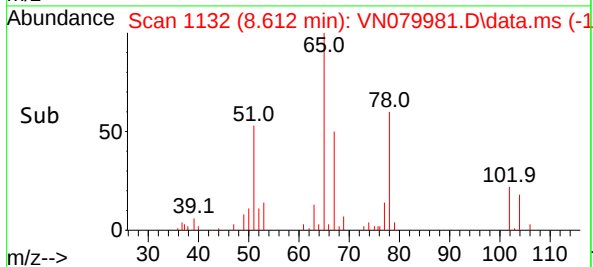
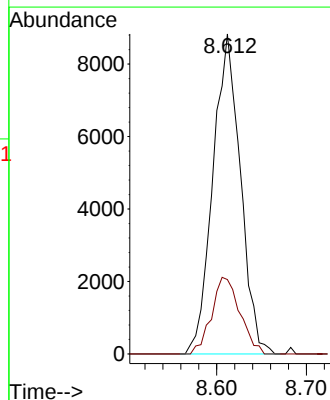
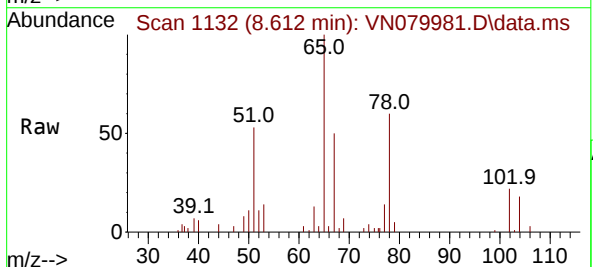
RT: 8.612 min Scan# 1132

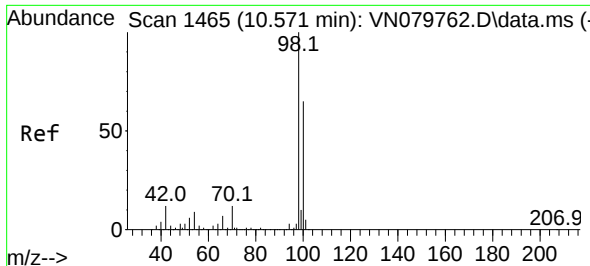
Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

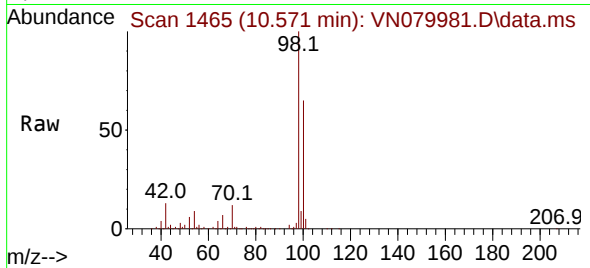
Tgt Ion: 78	Resp: 18796
Ion Ratio	Lower Upper
78	100
77	23.3 19.0 28.6





#50
Toluene-d8
Concen: 50.569 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

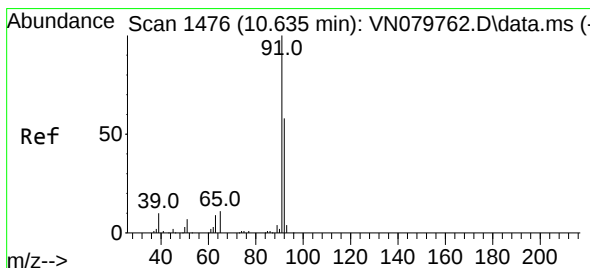
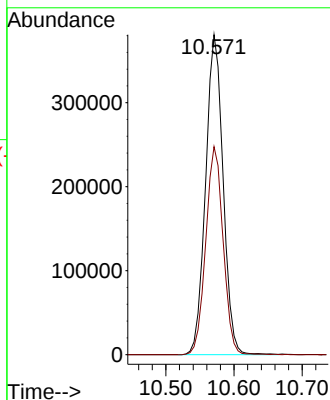
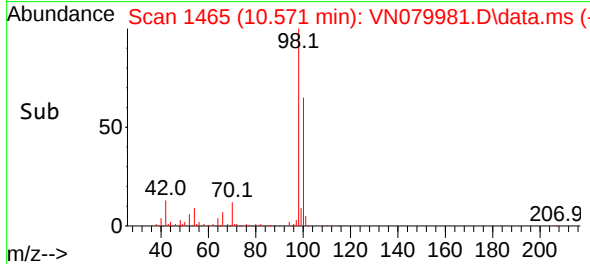
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL



Tgt Ion: 98 Resp: 680350
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

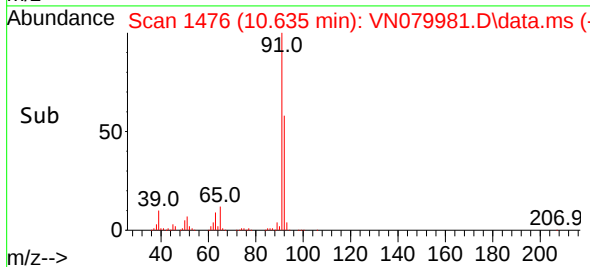
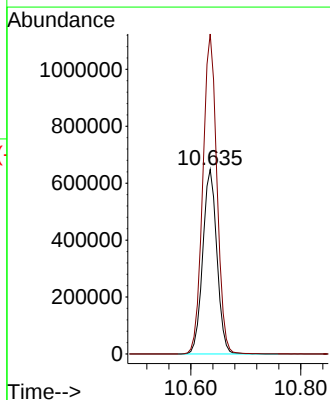
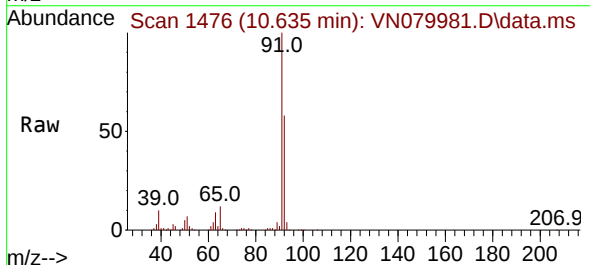
Manual Integrations
APPROVED

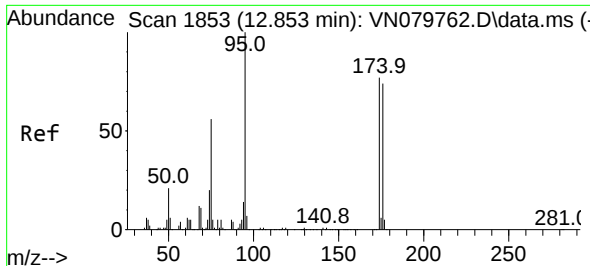
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 124.784 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

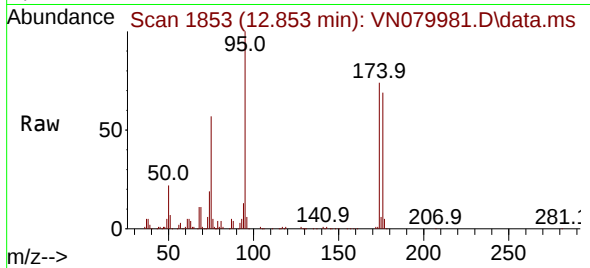
Tgt Ion: 92 Resp: 1156198
Ion Ratio Lower Upper
92 100
91 173.2 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 57.264 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

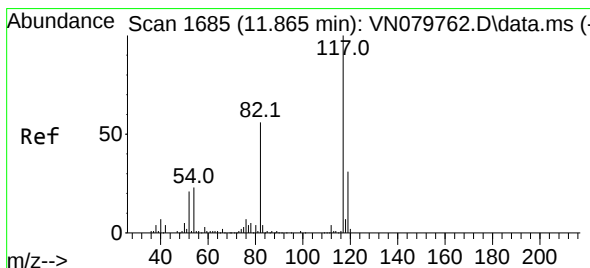
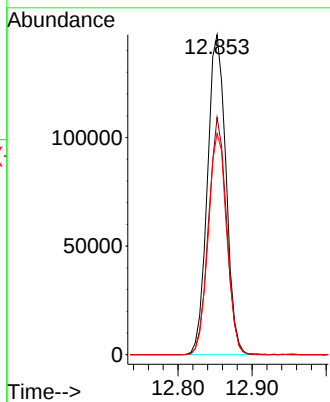
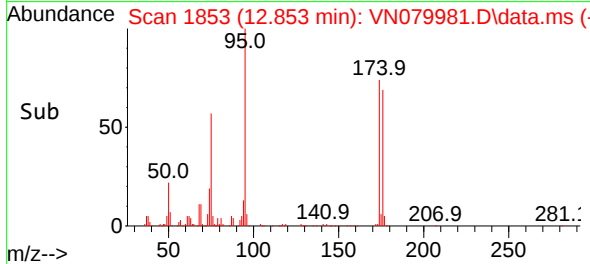
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL



Tgt Ion: 95 Resp: 255512
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 69.0 0.0 135.8

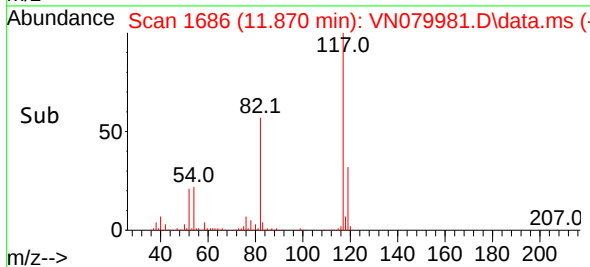
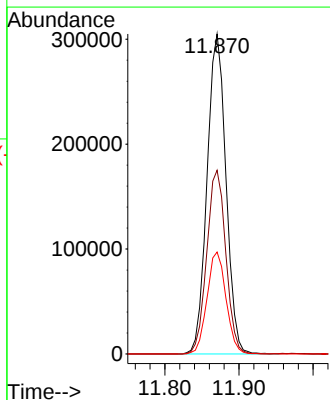
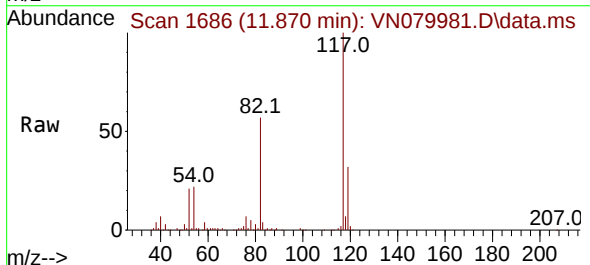
Manual Integrations
APPROVED

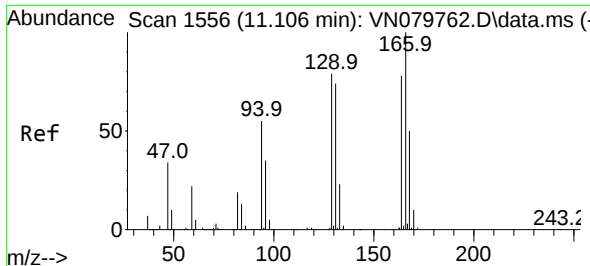
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

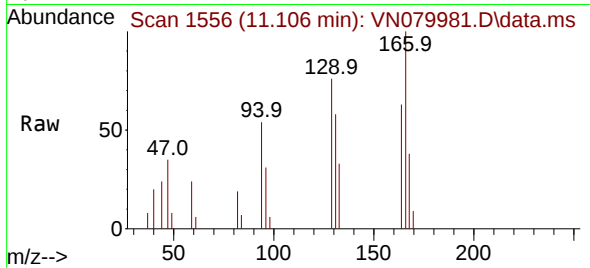
Tgt Ion:117 Resp: 540076
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 31.9 25.6 38.4





#64
Tetrachloroethene
Concen: 1.180 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

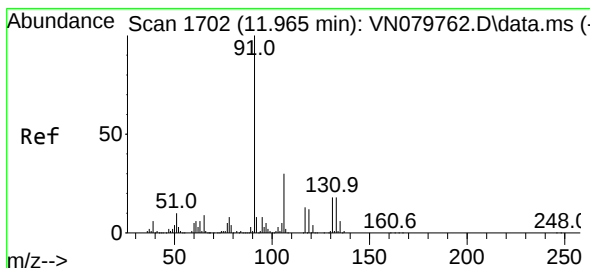
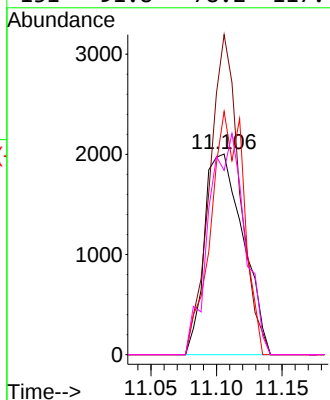
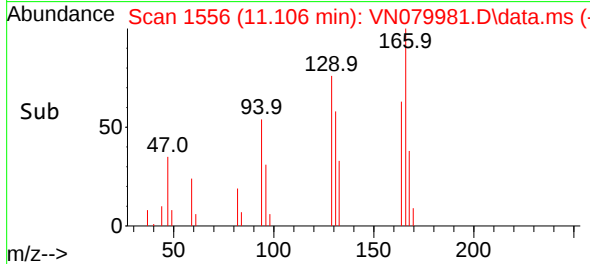
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL



Tgt Ion:164 Resp: 4128
Ion Ratio Lower Upper
164 100
166 159.4 101.4 152.0
129 121.2 82.4 123.6
131 91.8 78.2 117.4

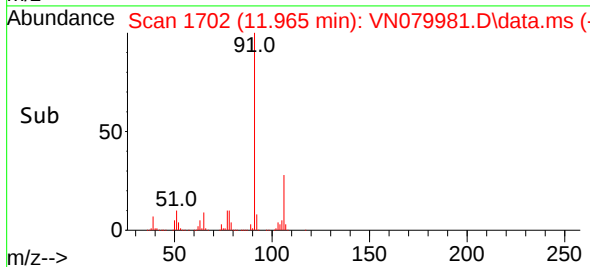
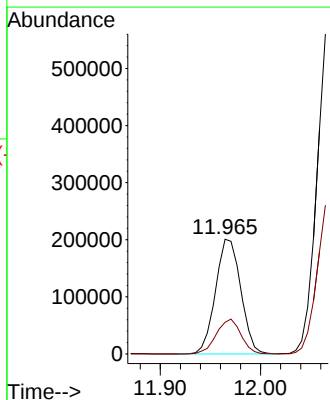
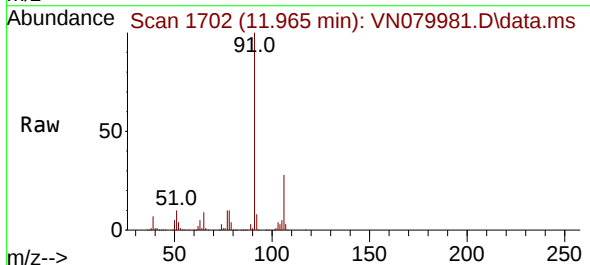
Manual Integrations
APPROVED

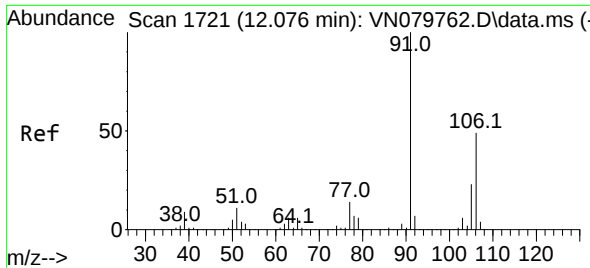
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#67
Ethyl Benzene
Concen: 17.216 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

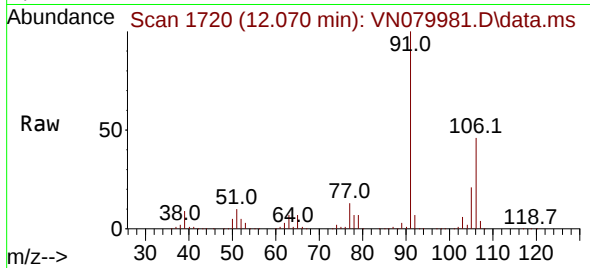
Tgt Ion: 91 Resp: 351387
Ion Ratio Lower Upper
91 100
106 27.6 25.6 38.4





#68
m/p-Xylenes
Concen: 71.005 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

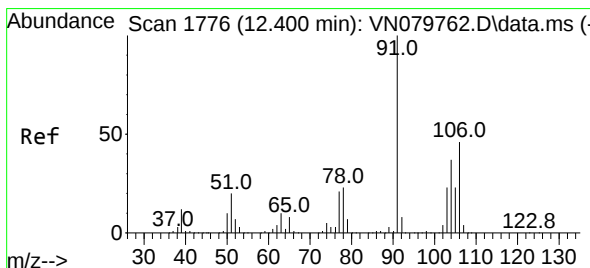
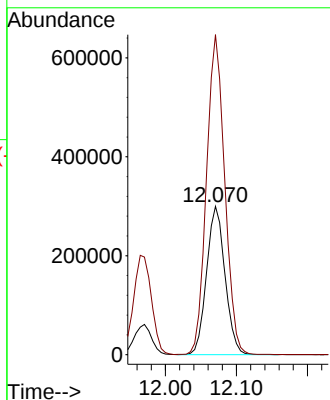
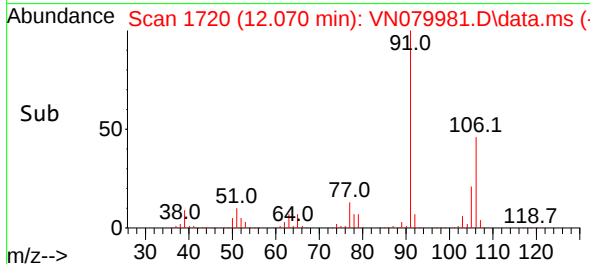
Instrument :
MSVOA_N
ClientSampleId :
67S-SB16-1617DL



Tgt Ion:106 Resp: 539879
Ion Ratio Lower Upper
106 100
91 213.5 159.6 239.4

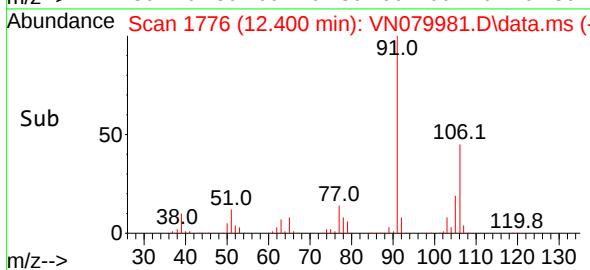
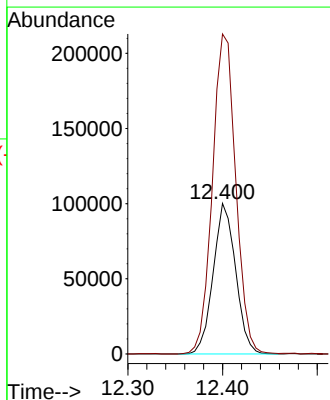
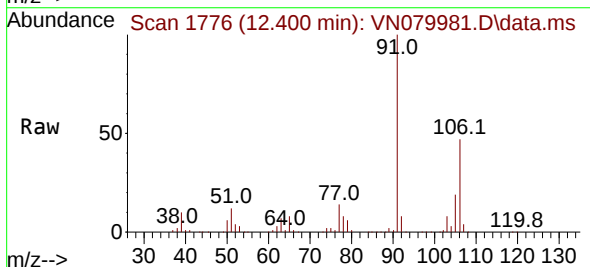
Manual Integrations
APPROVED

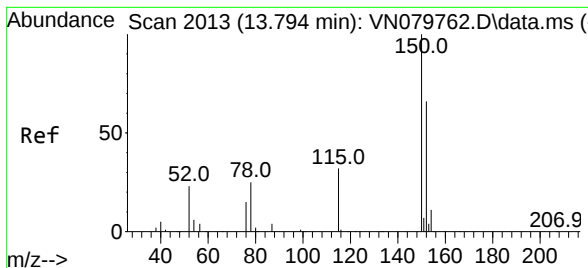
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#69
o-Xylene
Concen: 22.498 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079981.D
Acq: 07 Nov 2023 21:45

Tgt Ion:106 Resp: 164722
Ion Ratio Lower Upper
106 100
91 221.2 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

Instrument :

MSVOA_N

ClientSampleId :

67S-SB16-1617DL

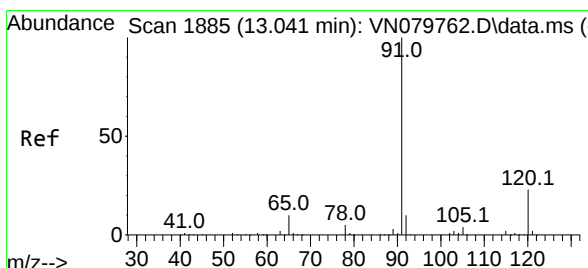
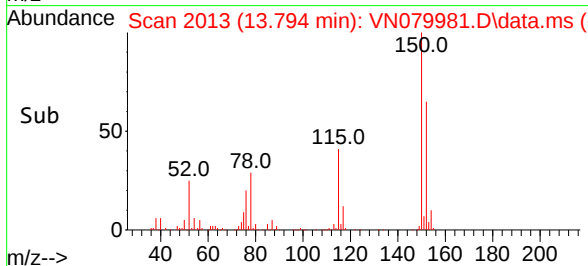
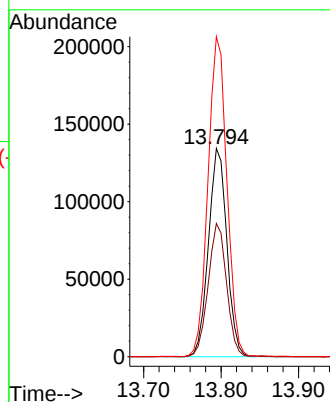
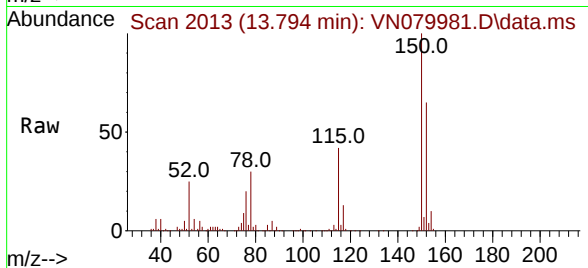
Tgt Ion:	152	Resp:	22213
Ion Ratio	Lower	Upper	
152	100		
115	64.0	32.3	96.8
150	157.4	0.0	355.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#78

n-propylbenzene

Concen: 1.230 ug/l

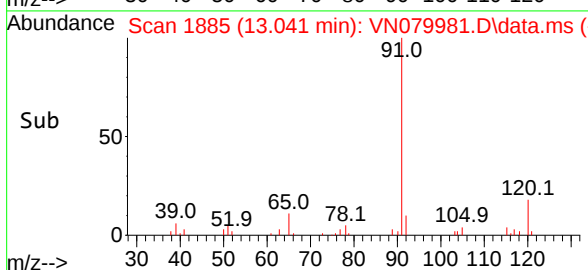
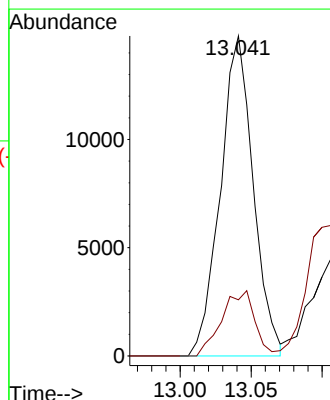
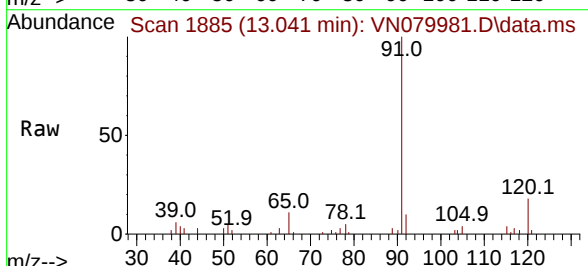
RT: 13.041 min Scan# 1885

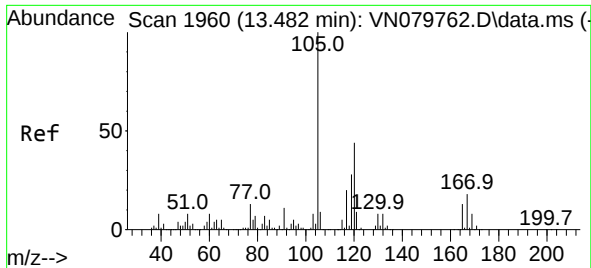
Delta R.T. 0.000 min

Lab File: VN079981.D

Acq: 07 Nov 2023 21:45

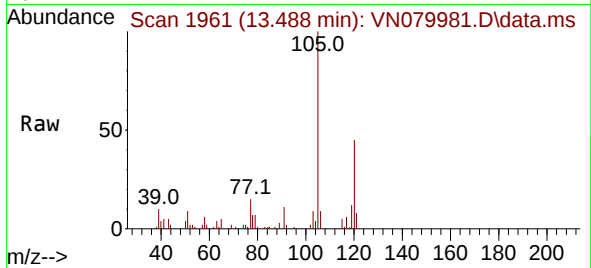
Tgt Ion:	91	Resp:	23753
Ion Ratio	Lower	Upper	
91	100		
120	20.5	11.5	34.4





#84
 1,2,4-Trimethylbenzene
 Concen: 2.881 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079981.D
 Acq: 07 Nov 2023 21:45

Instrument : MSVOA_N
 ClientSampleId : 67S-SB16-1617DL



Tgt Ion:105 Resp: 37180
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

