

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079750.D
 Acq On : 31 Oct 2023 17:43
 Operator : JC\MD
 Sample : 05107-04ME 20X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1074ME

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 01 01:23:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	287927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	548391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	568167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	271303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	229948	49.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.460%		
35) Dibromofluoromethane	8.171	113	203464	51.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.840%		
50) Toluene-d8	10.571	98	665016	45.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.040%		
62) 4-Bromofluorobenzene	12.853	95	292411	63.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	127.140%#		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	6991	3.534	ug/l #	84
31) Cyclohexane	8.230	56	15051m	2.386	ug/l	
39) Methylcyclohexane	9.600	83	15440	2.670	ug/l #	84
40) Benzene	8.606	78	187115	10.906	ug/l	96
52) Toluene	10.635	92	240776	22.987	ug/l	99
67) Ethyl Benzene	11.970	91	78737	3.554	ug/l	94
68) m/p-Xylenes	12.070	106	168822	20.603	ug/l	92
69) o-Xylene	12.400	106	103699	13.161	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	103730	5.178	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	234250	12.122	ug/l	99
95) Naphthalene	15.641	128	2982372	362.439	ug/l	99

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

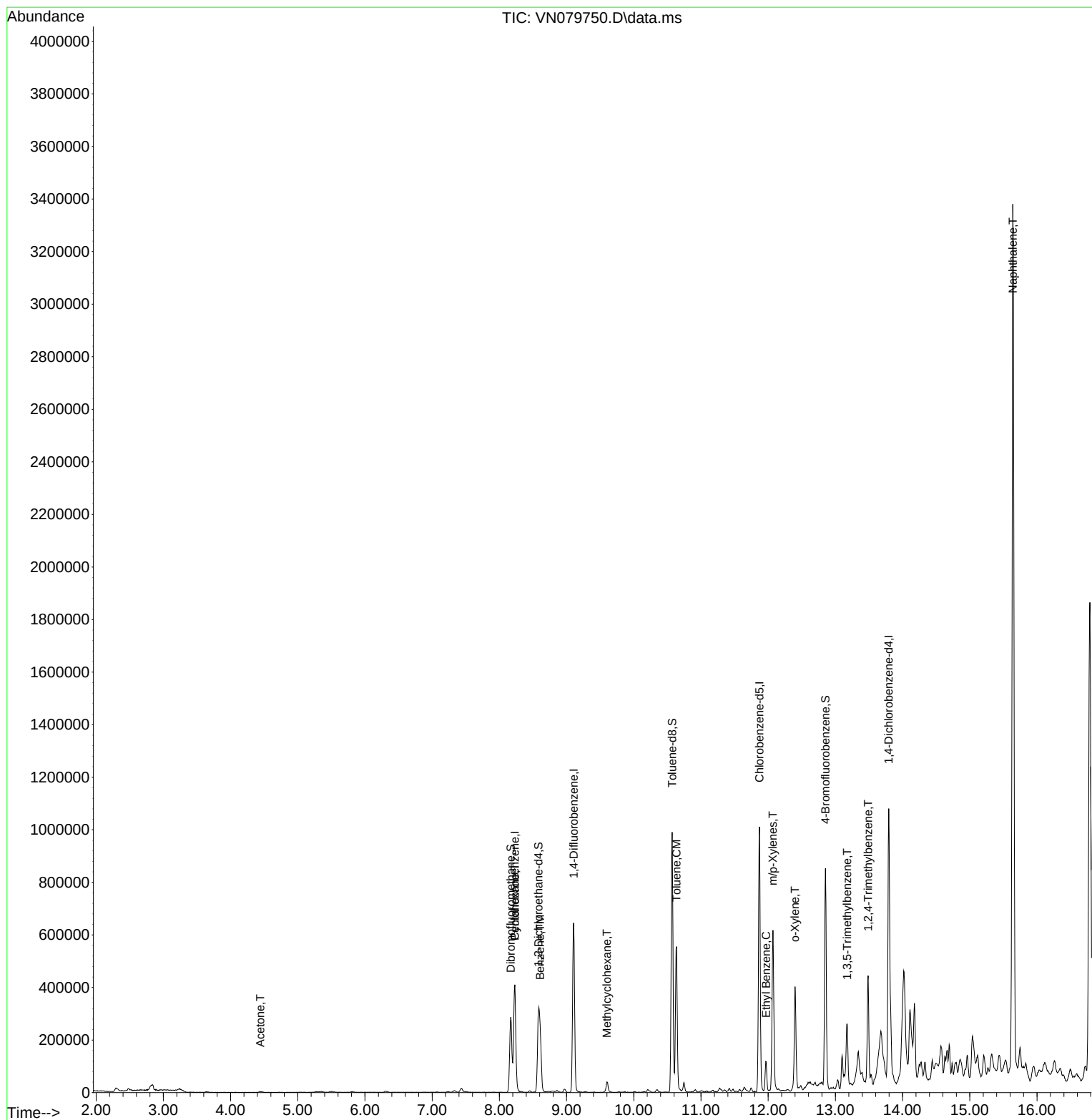
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
Data File : VN079750.D
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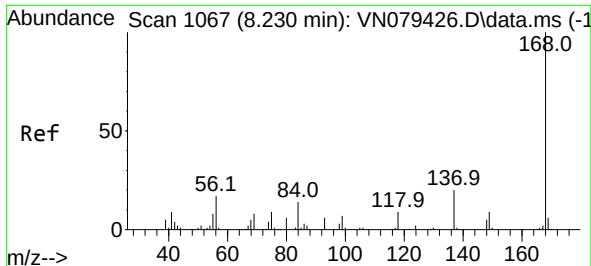
Instrument :
MSVOA_N
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1074ME

Quant Time: Nov 01 01:23:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
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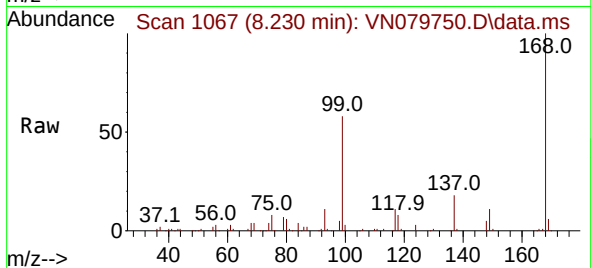
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

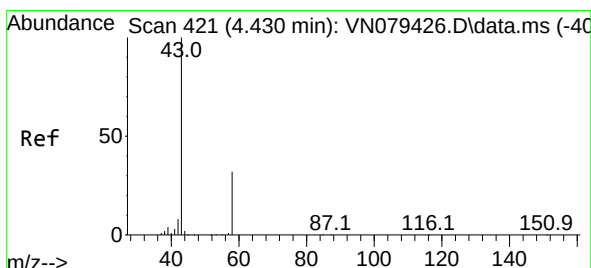
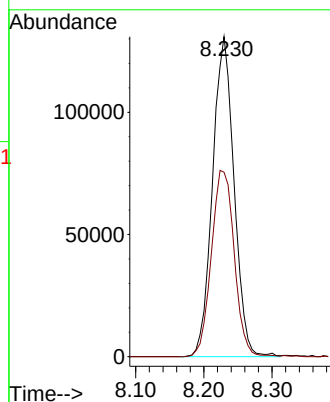
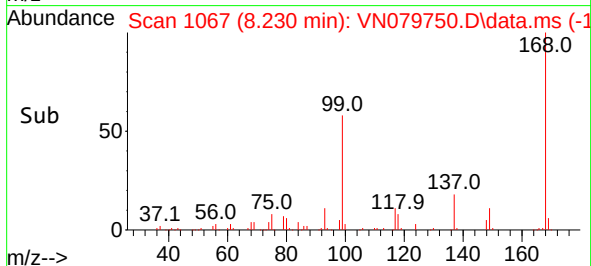
Instrument :
MSVOA_N
ClientSampleId :
1074ME



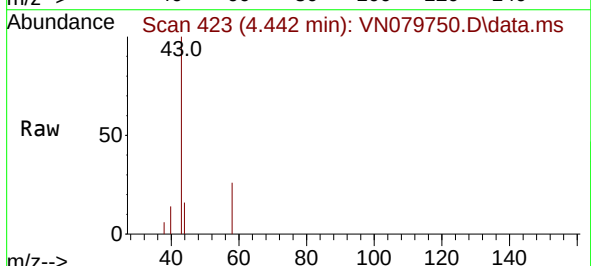
Tgt Ion:168 Resp: 28792
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6

Manual Integrations
APPROVED

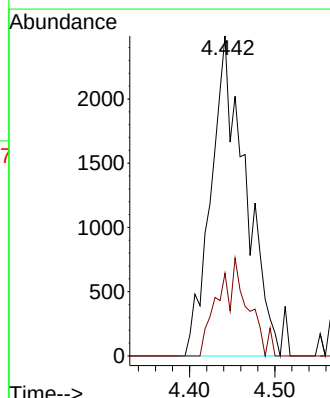
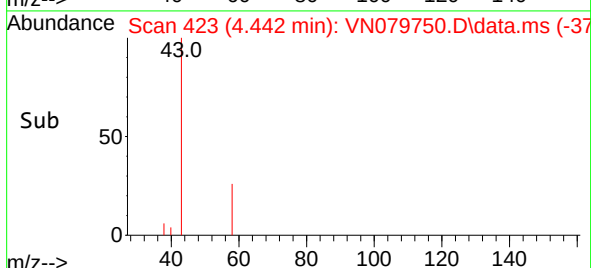
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

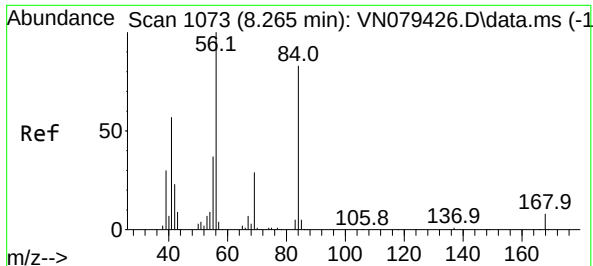


#16
Acetone
Concen: 3.534 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43



Tgt Ion: 43 Resp: 6991
Ion Ratio Lower Upper
43 100
58 25.8 28.0 42.0#





#31

Cyclohexane

Concen: 2.386 ug/l m

RT: 8.230 min Scan# 1073

Delta R.T. -0.035 min

Lab File: VN079750.D

Acq: 31 Oct 2023 17:43

Instrument :

MSVOA_N

ClientSampleId :

1074ME

Tgt Ion: 56 Resp: 1505

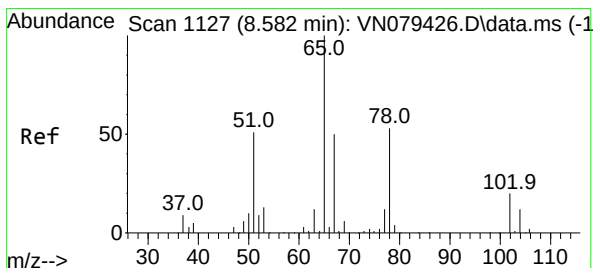
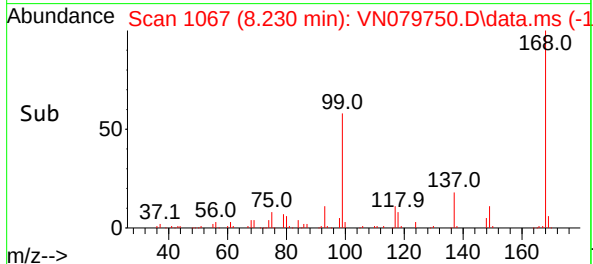
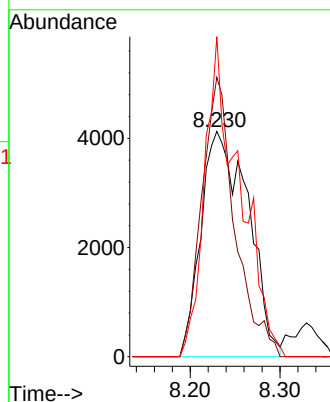
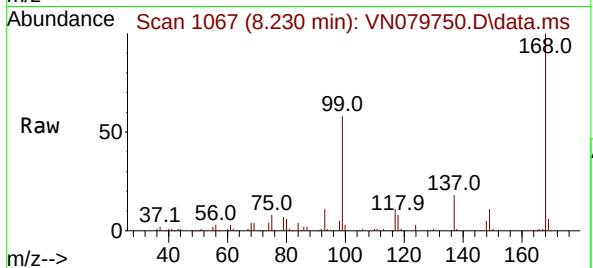
Ion	Ratio	Lower	Upper
56	100		
69	124.0	26.8	40.2
84	142.1	81.8	122.6

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 49.731 ug/l

RT: 8.582 min Scan# 1127

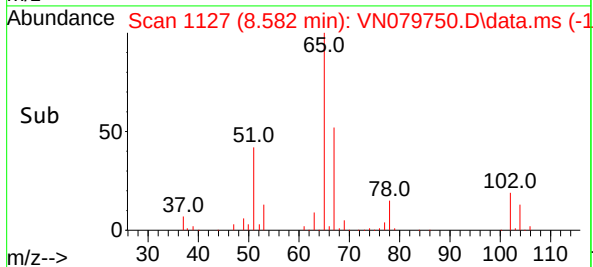
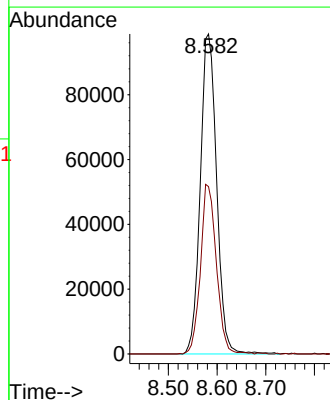
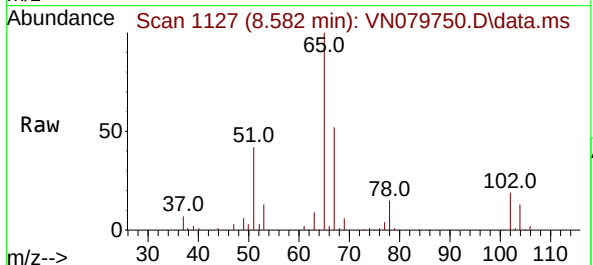
Delta R.T. 0.000 min

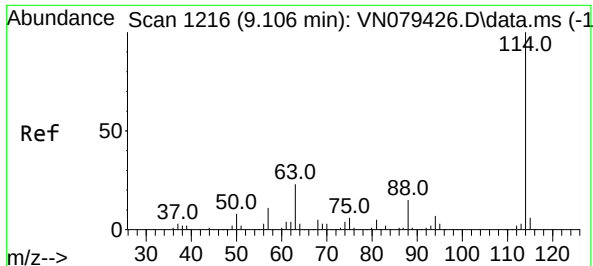
Lab File: VN079750.D

Acq: 31 Oct 2023 17:43

Tgt Ion: 65 Resp: 229948

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079750.D

Acq: 31 Oct 2023 17:43

Instrument :

MSVOA_N

ClientSampleId :

1074ME

Tgt Ion:114 Resp: 54839

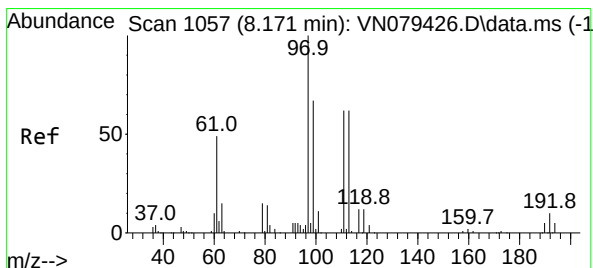
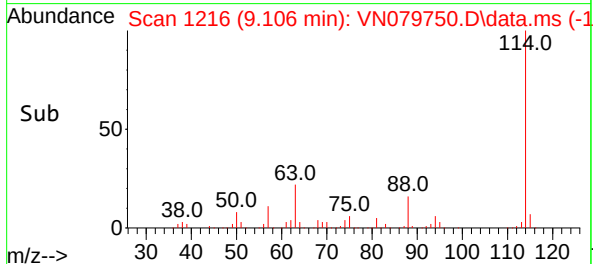
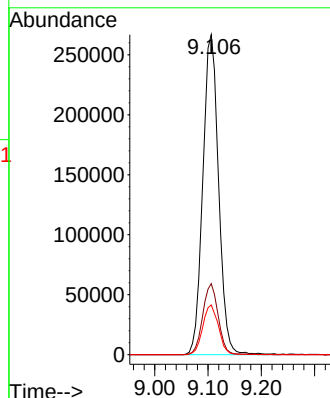
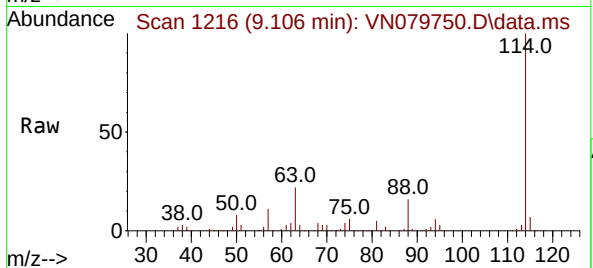
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	36.4
88	15.5	0.0	30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#35

Dibromofluoromethane

Concen: 51.923 ug/l

RT: 8.171 min Scan# 1057

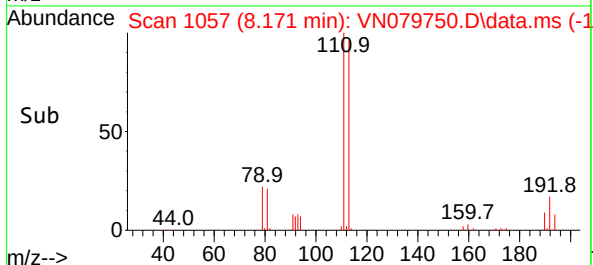
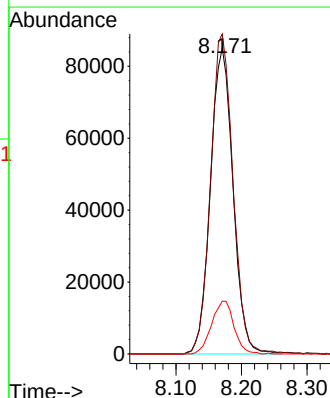
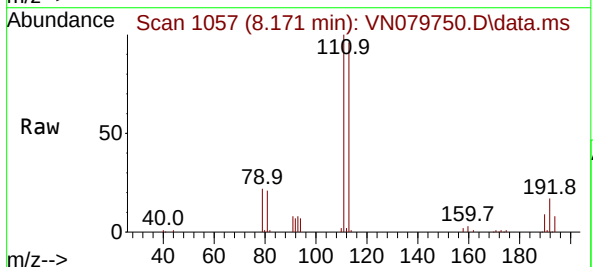
Delta R.T. -0.000 min

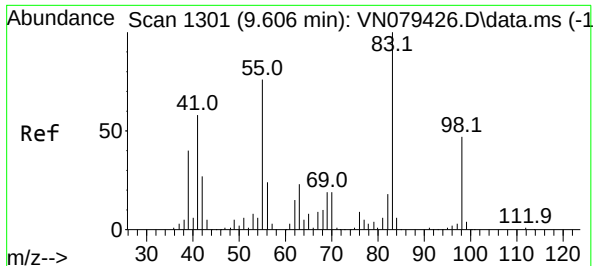
Lab File: VN079750.D

Acq: 31 Oct 2023 17:43

Tgt Ion:113 Resp: 203464

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	17.1	12.7	19.1





#39

Methylcyclohexane

Concen: 2.670 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079750.D

Acq: 31 Oct 2023 17:43

Instrument :

MSVOA_N

ClientSampleId :

1074ME

Tgt Ion: 83 Resp: 15440

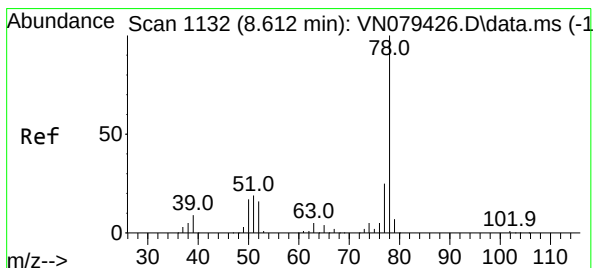
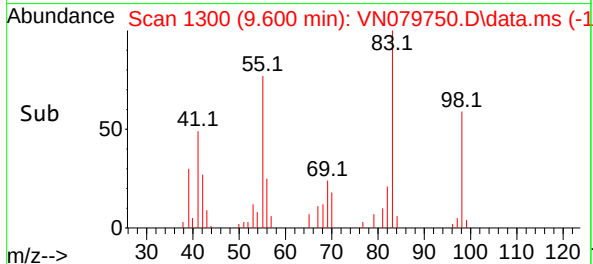
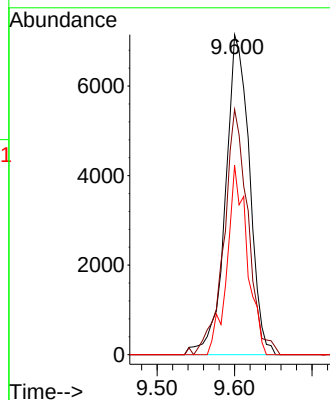
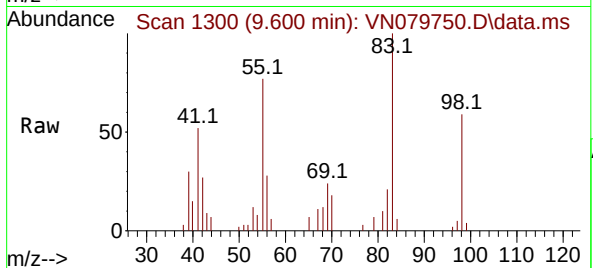
Ion	Ratio	Lower	Upper
83	100		
55	76.6	49.1	73.7
98	59.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#40

Benzene

Concen: 10.906 ug/l

RT: 8.606 min Scan# 1131

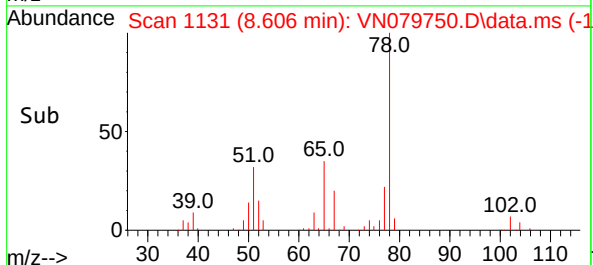
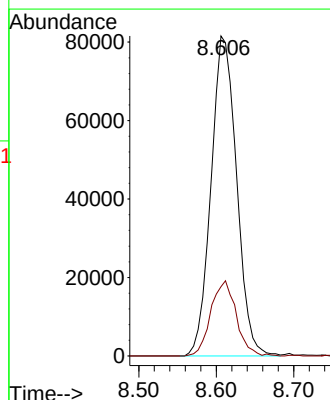
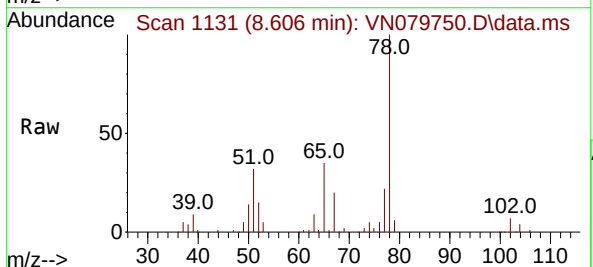
Delta R.T. -0.006 min

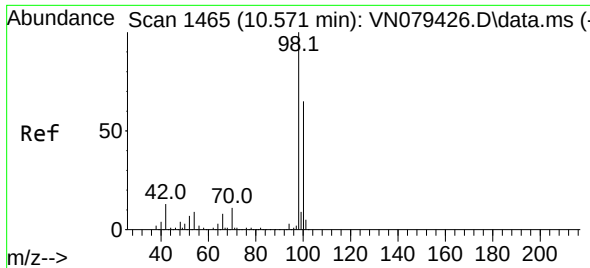
Lab File: VN079750.D

Acq: 31 Oct 2023 17:43

Tgt Ion: 78 Resp: 187115

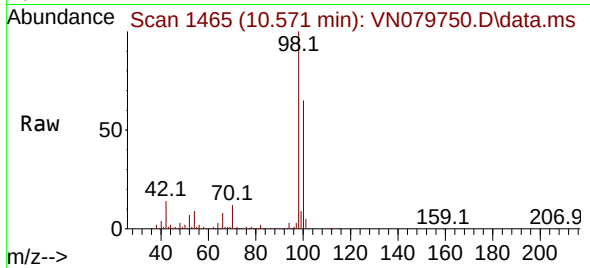
Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.0	28.6





#50
Toluene-d8
Concen: 45.525 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

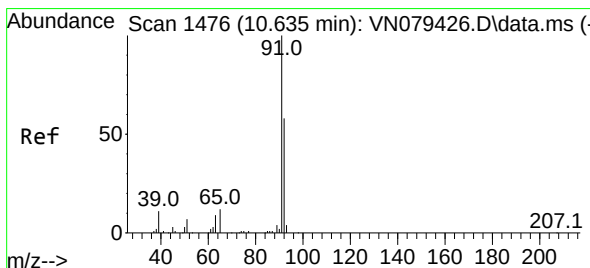
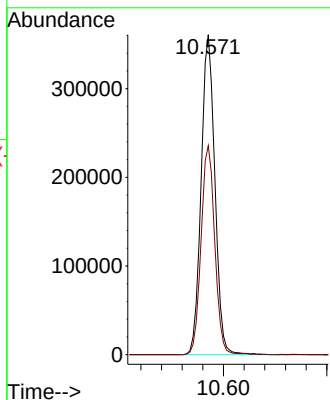
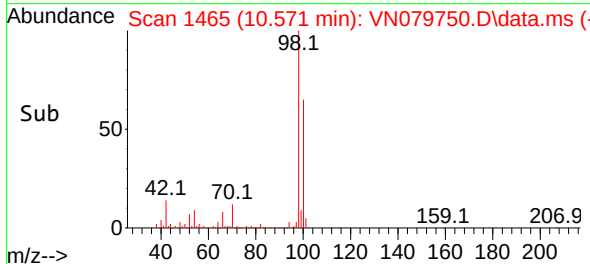
Instrument :
MSVOA_N
ClientSampleId :
1074ME



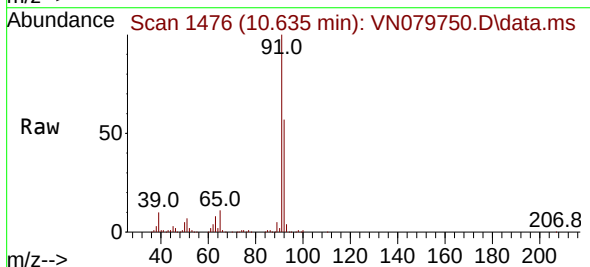
Tgt Ion: 98 Resp: 665010
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

Manual Integrations
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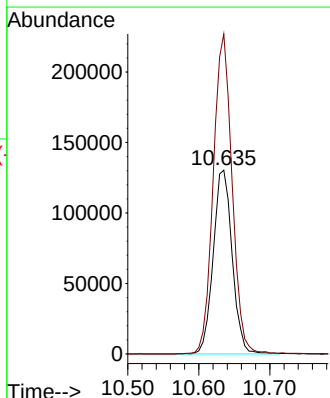
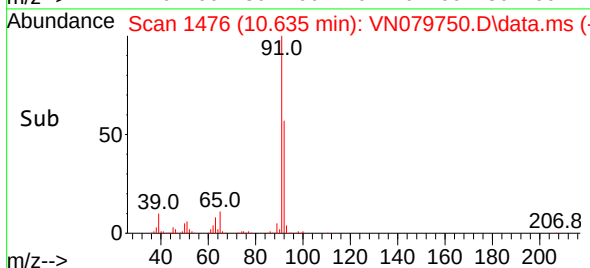
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

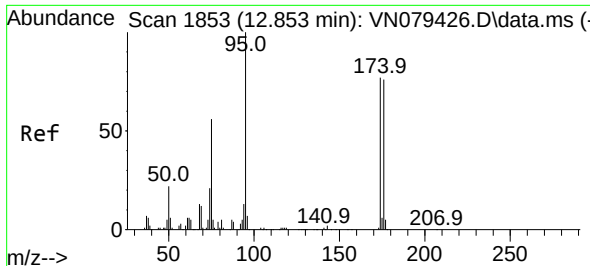


#52
Toluene
Concen: 22.987 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43



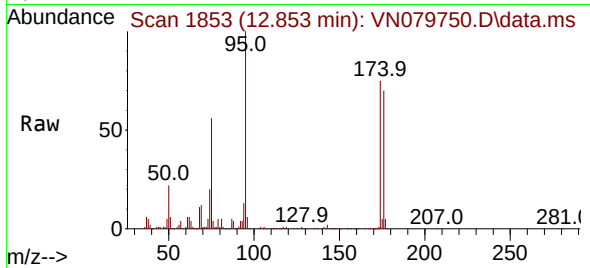
Tgt Ion: 92 Resp: 240776
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 63.566 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

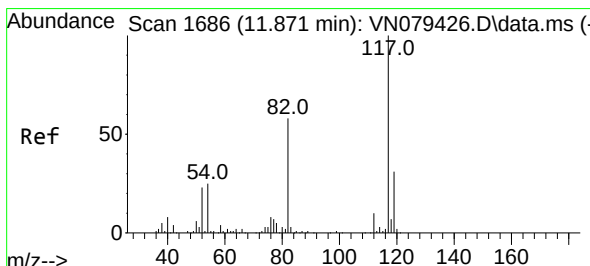
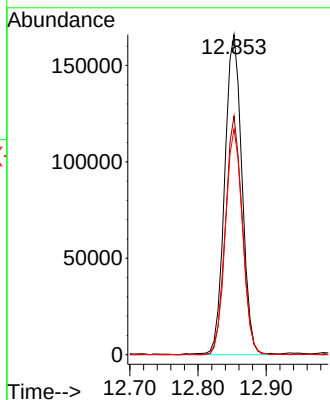
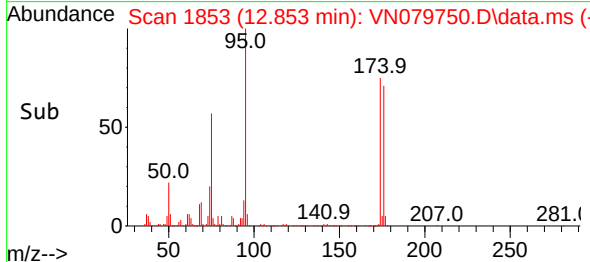
Instrument :
MSVOA_N
ClientSampleId :
1074ME



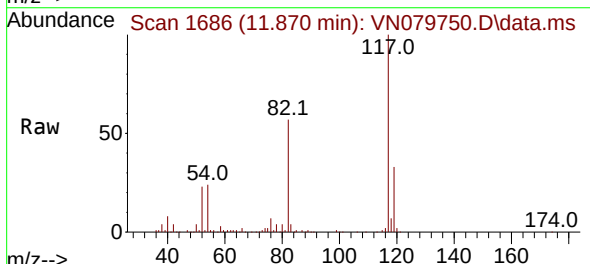
Tgt Ion: 95 Resp: 29241
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 69.9 0.0 135.8

Manual Integrations
APPROVED

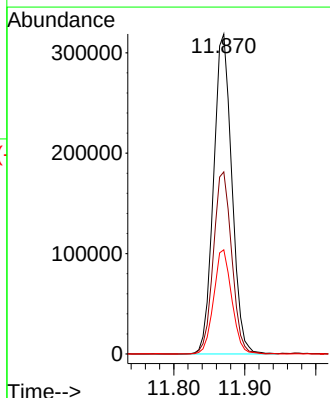
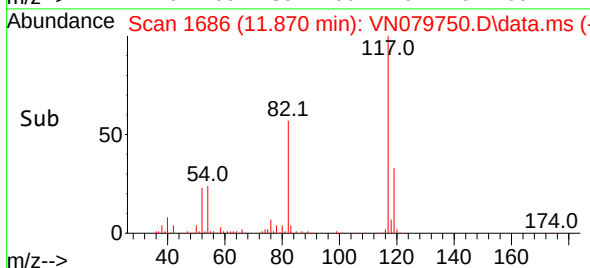
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

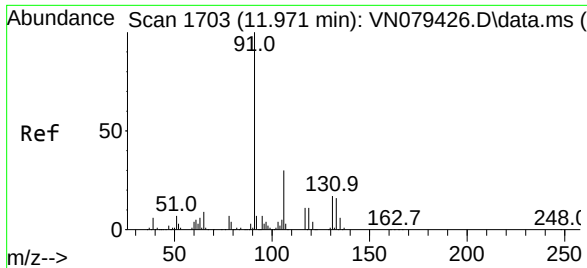


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43



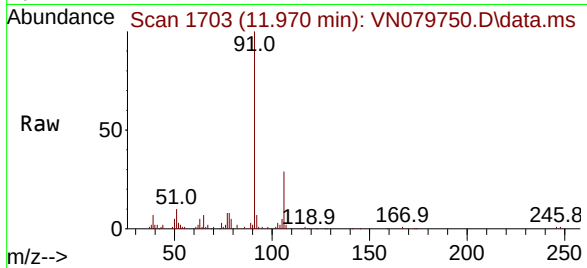
Tgt Ion:117 Resp: 568167
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.5 25.6 38.4





#67
Ethyl Benzene
Concen: 3.554 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

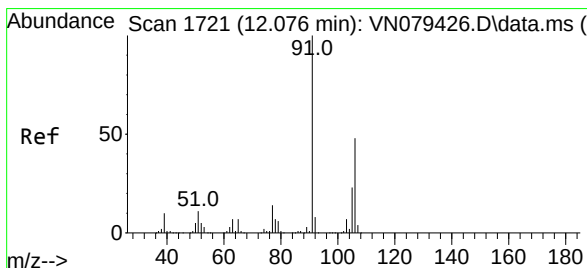
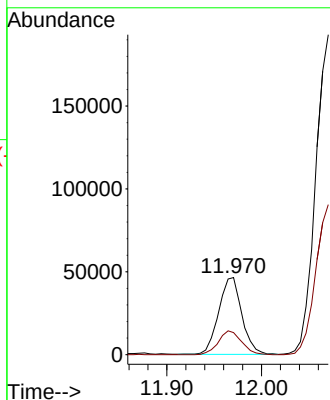
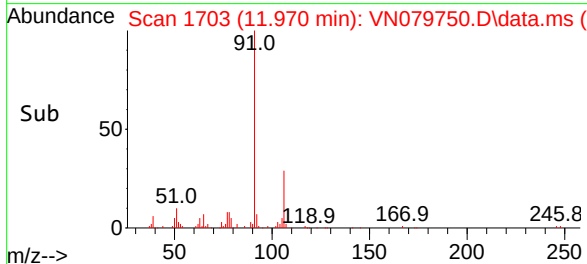
Instrument :
MSVOA_N
ClientSampleId :
1074ME



Tgt Ion: 91 Resp: 7873
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4

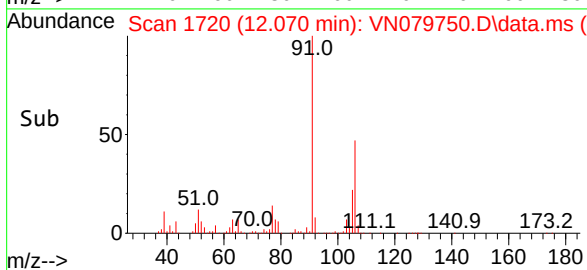
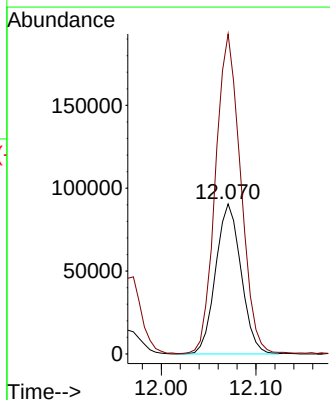
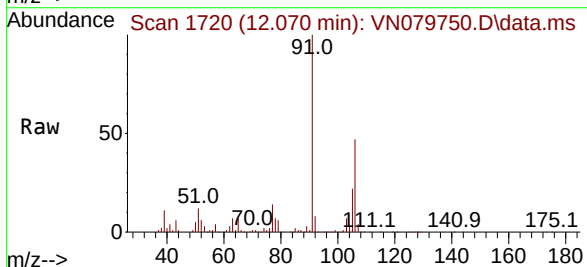
Manual Integrations
APPROVED

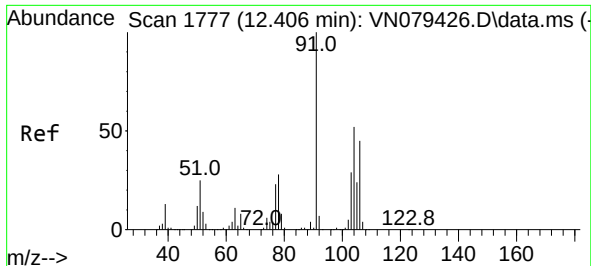
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#68
m/p-Xylenes
Concen: 20.603 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

Tgt Ion:106 Resp: 168822
Ion Ratio Lower Upper
106 100
91 211.1 159.6 239.4





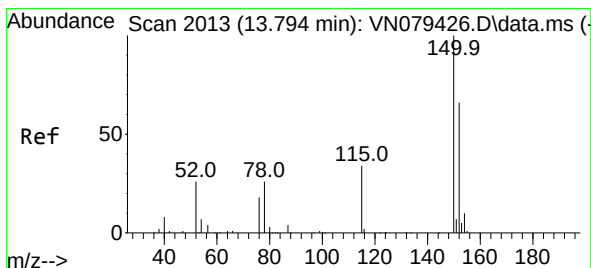
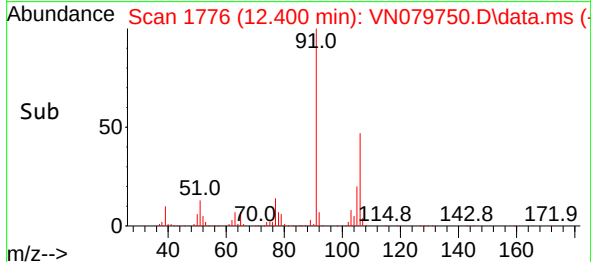
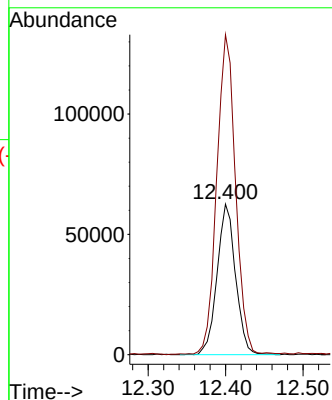
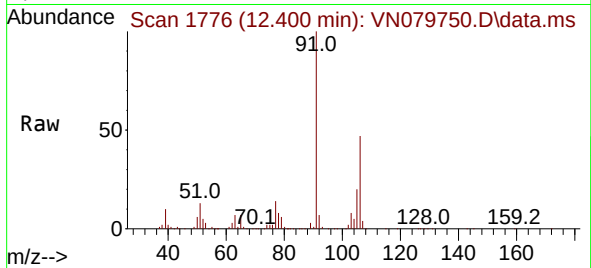
#69
o-Xylene
Concen: 13.161 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
1074ME

Tgt Ion:106 Resp: 103699
Ion Ratio Lower Upper
106 100
91 217.2 105.2 315.5

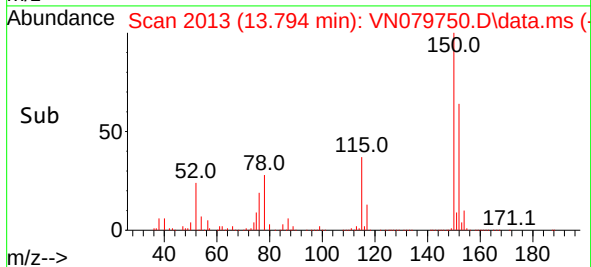
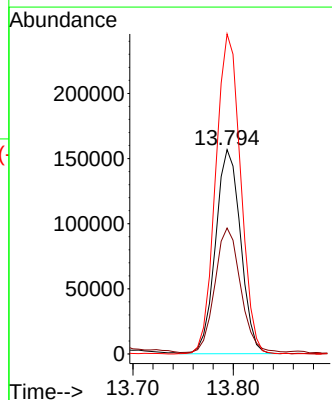
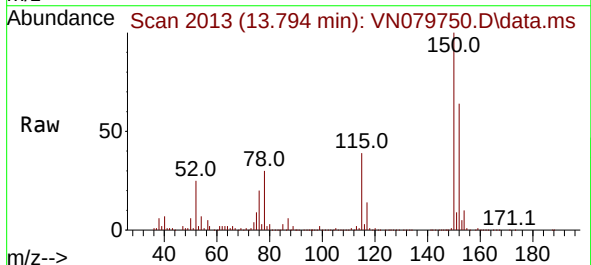
Manual Integrations
APPROVED

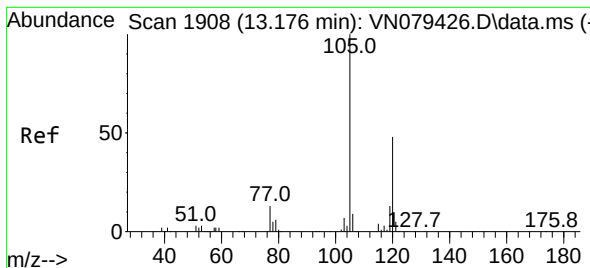
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

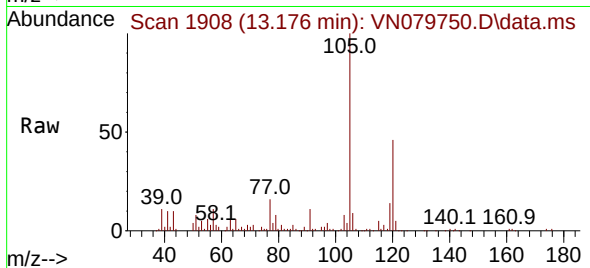
Tgt Ion:152 Resp: 271303
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.7 0.0 355.8





#80
1,3,5-Trimethylbenzene
Concen: 5.178 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

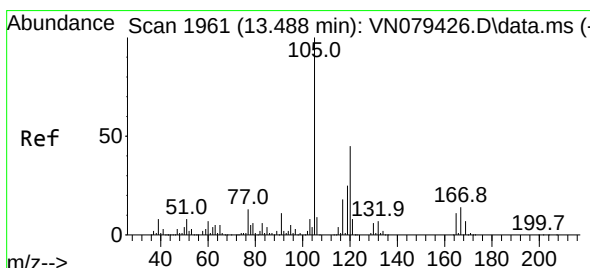
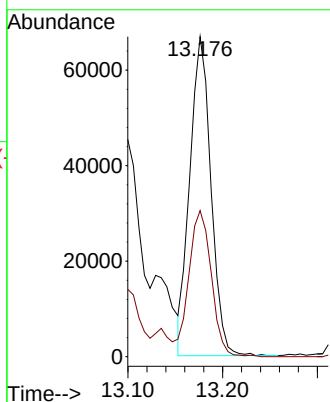
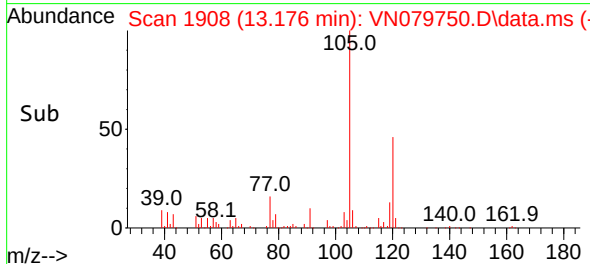
Instrument :
MSVOA_N
ClientSampleId :
1074ME



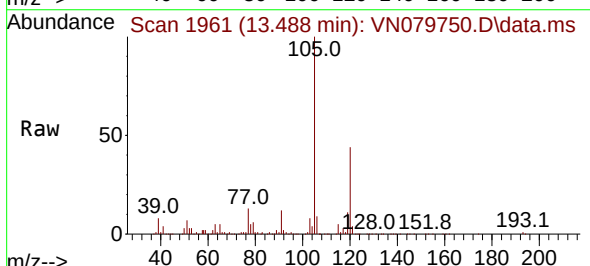
Tgt Ion:105 Resp: 103730
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3

Manual Integrations
APPROVED

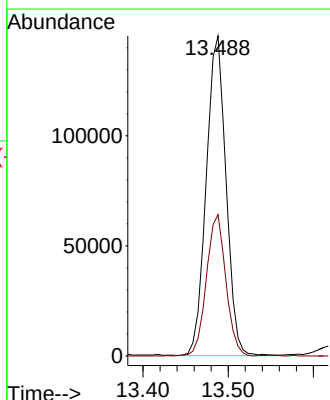
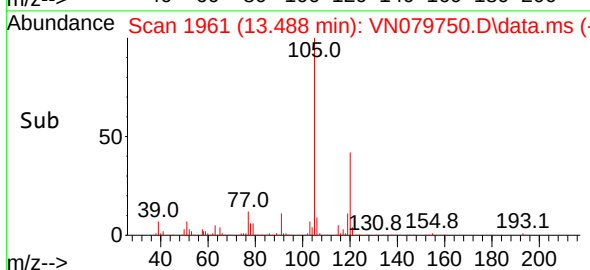
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

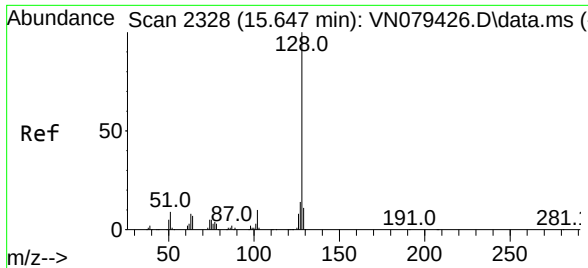


#84
1,2,4-Trimethylbenzene
Concen: 12.122 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43



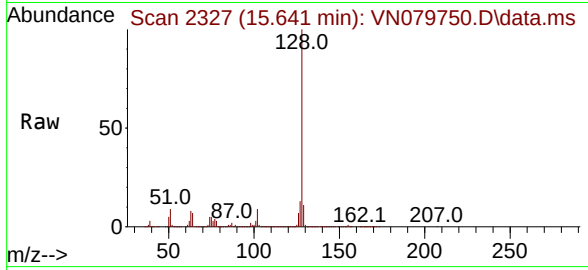
Tgt Ion:105 Resp: 234250
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#95
Naphthalene
Concen: 362.439 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079750.D
Acq: 31 Oct 2023 17:43

Instrument :
MSVOA_N
ClientSampleId :
1074ME



Tgt Ion:128 Resp: 2982372
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

