

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075377.D
 Acq On : 22 Nov 2022 18:55
 Operator : JC\MD
 Sample : N5675-01
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1673

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:14:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41136	48.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.100%		
35) Dibromofluoromethane	8.171	113	48156	46.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	10.565	98	110941	48.044	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.080%		
62) 4-Bromofluorobenzene	12.853	95	80047	46.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.940%		
Target Compounds					Qvalue	
6) Chloroethane	3.095	64	9951	6.939	ug/l #	57
17) Carbon Disulfide	4.671	76	5556	1.463	ug/l	98
39) Methylcyclohexane	9.594	83	2626	0.938	ug/l	88
52) Toluene	10.630	92	519586	117.787	ug/l	100
67) Ethyl Benzene	11.965	91	9785	1.230	ug/l #	78
68) m/p-Xylenes	12.071	106	14212	4.400	ug/l	97
69) o-Xylene	12.400	106	5837	1.819	ug/l	98
73) Isopropylbenzene	12.694	105	5147	0.648	ug/l	99
78) n-propylbenzene	13.035	91	9109	1.028	ug/l	92
80) 1,3,5-Trimethylbenzene	13.171	105	10484	1.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	42546	6.431	ug/l	98
86) p-Isopropyltoluene	13.729	119	6268	0.913	ug/l #	75
89) n-Butylbenzene	14.059	91	12747m	2.199	ug/l	
95) Naphthalene	15.641	128	15157	2.597	ug/l	98

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

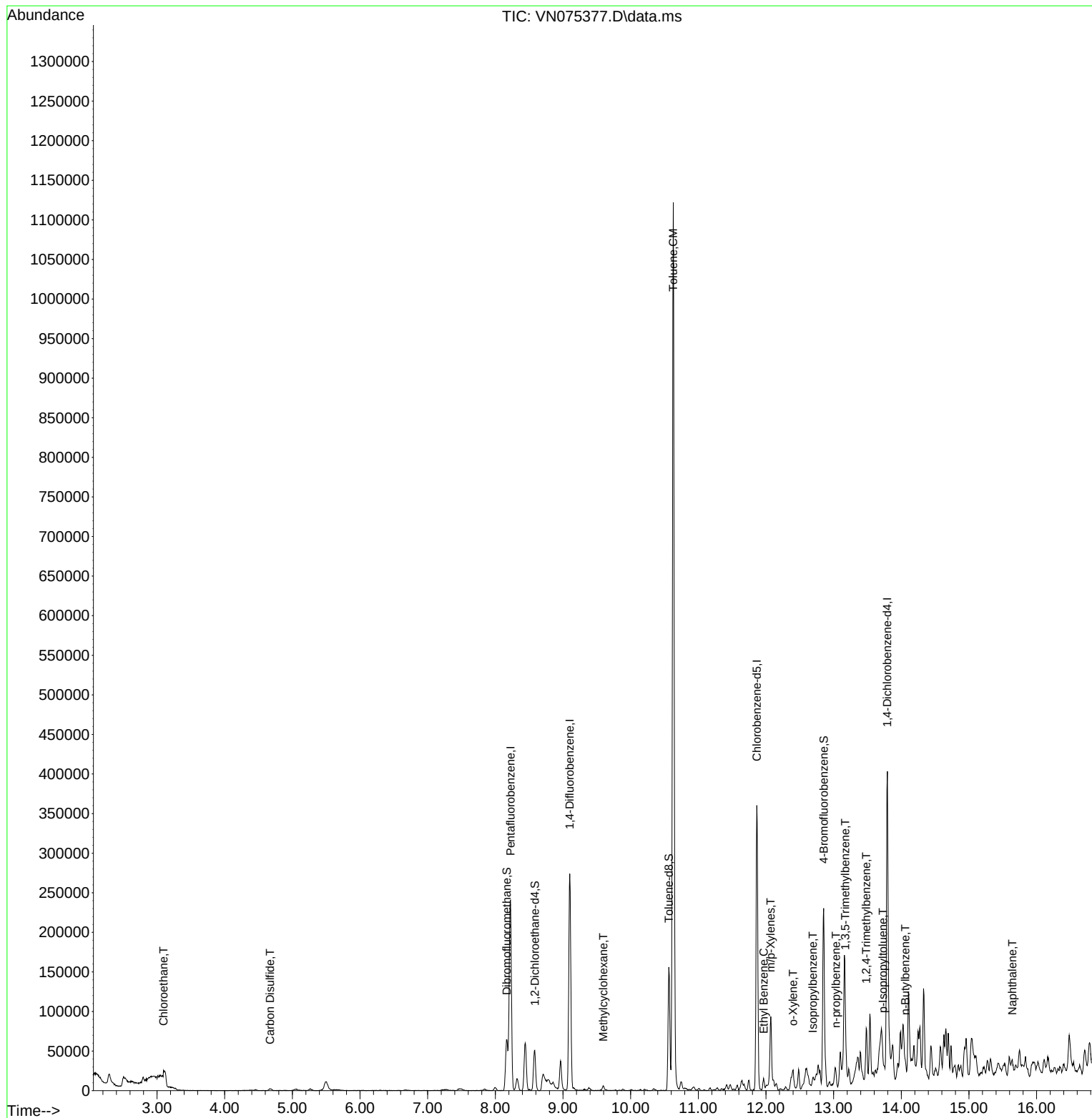
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
Data File : VN075377.D
Acq On : 22 Nov 2022 18:55
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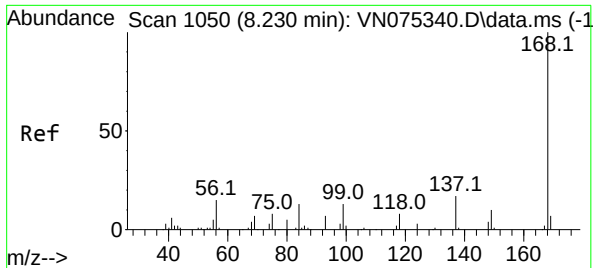
Instrument :
MSVOA_N
ClientSampleId :
AUD-1673

Quant Time: Nov 23 07:14:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

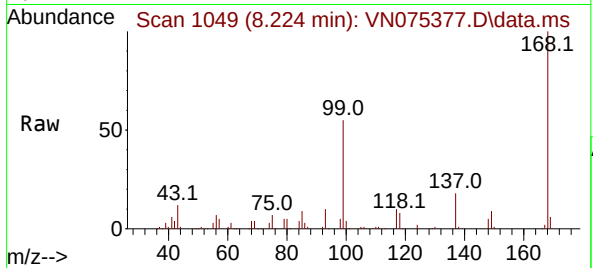
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

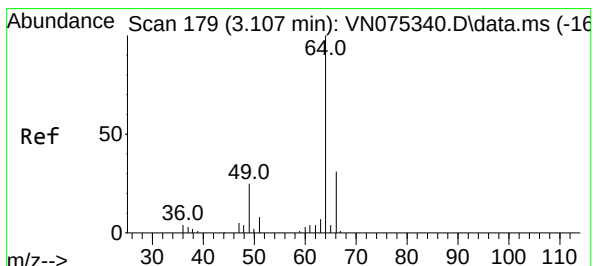
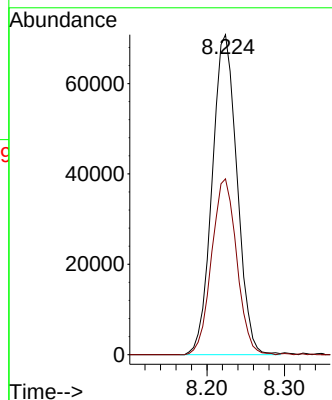
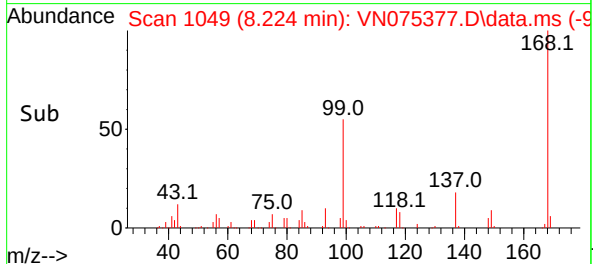
Instrument :
MSVOA_N
ClientSampleId :
AUD-1673



Tgt Ion:168 Resp: 157834
Ion Ratio Lower Upper
168 100
99 54.9 51.6 77.4

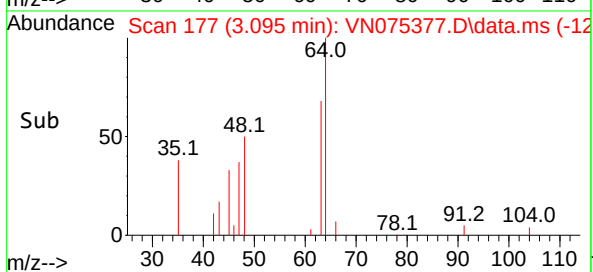
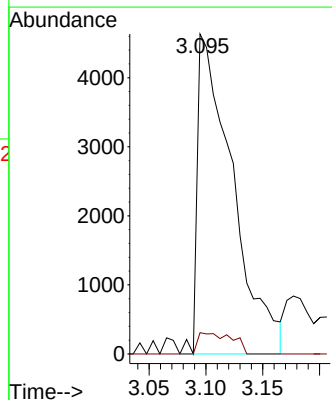
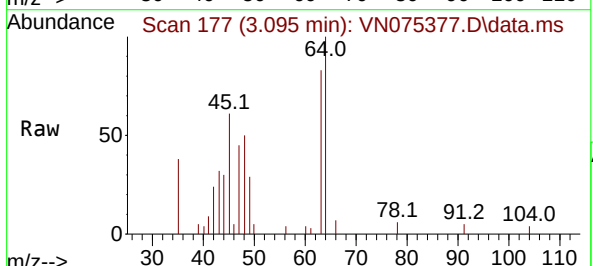
Manual Integrations
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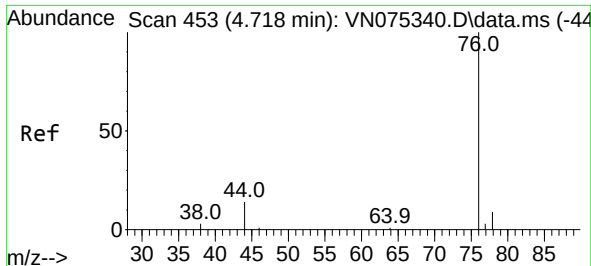
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#6
Chloroethane
Concen: 6.939 ug/l
RT: 3.095 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Tgt Ion: 64 Resp: 9951
Ion Ratio Lower Upper
64 100
66 6.6 23.8 35.8#





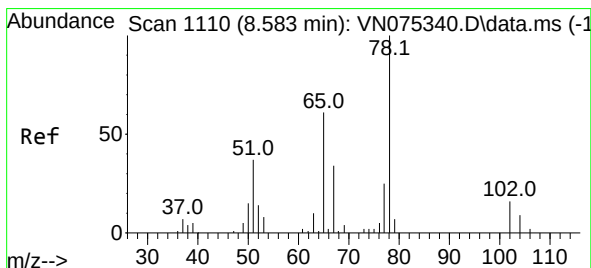
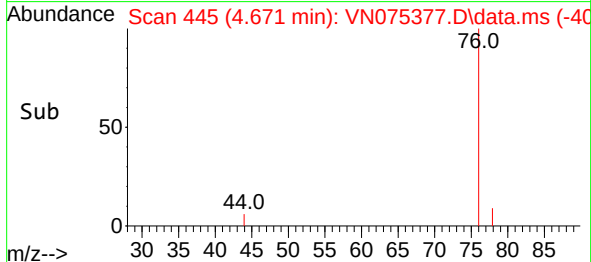
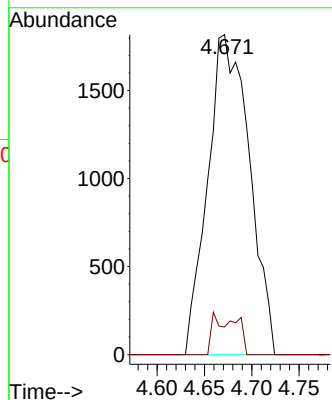
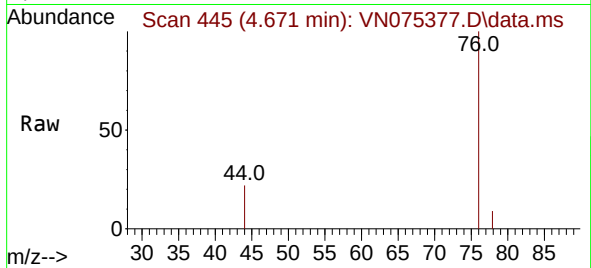
#17
Carbon Disulfide
Concen: 1.463 ug/l
RT: 4.671 min Scan# 44
Delta R.T. -0.047 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
AUD-1673

Tgt Ion: 76 Resp: 5550
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

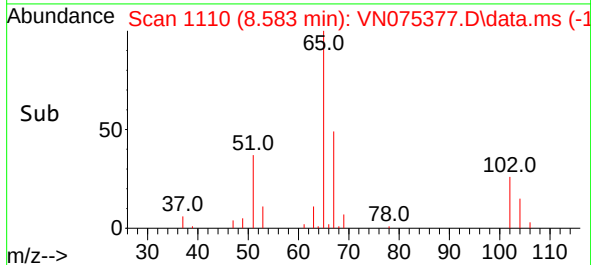
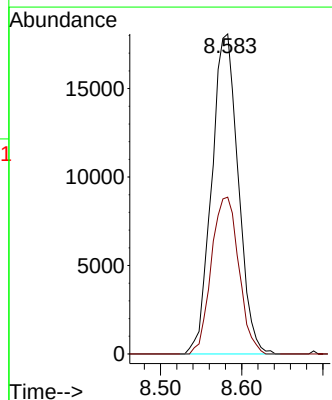
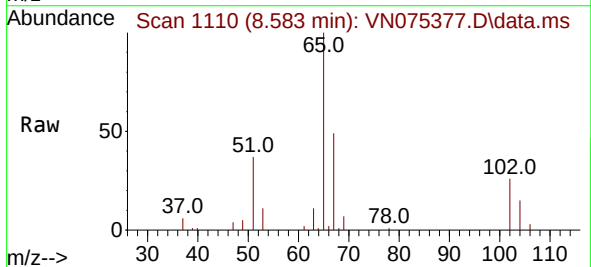
Manual Integrations
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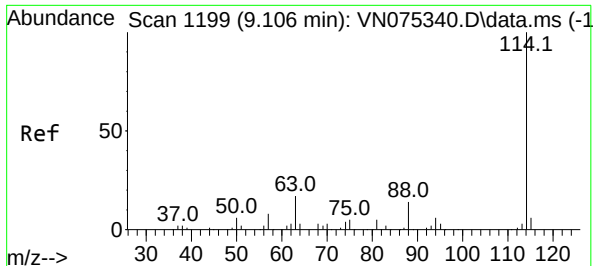
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#33
1,2-Dichloroethane-d4
Concen: 48.553 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Tgt Ion: 65 Resp: 41136
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075377.D

Acq: 22 Nov 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

AUD-1673

Tgt Ion:114 Resp: 26098

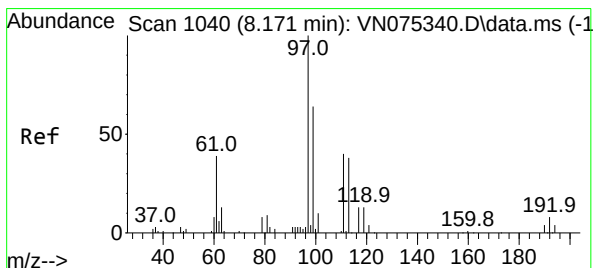
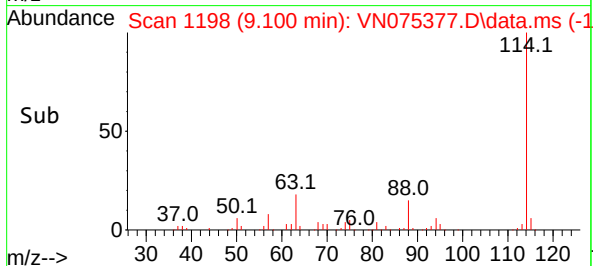
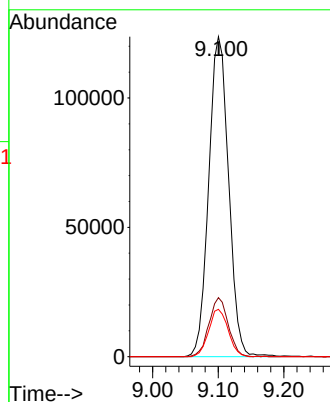
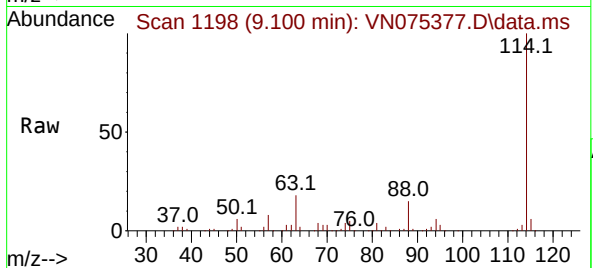
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.6
88	14.8	0.0	29.0

Manual Integrations

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Supervised By :Mahesh Dadoda 11/25/2022



#35

Dibromofluoromethane

Concen: 46.970 ug/l

RT: 8.171 min Scan# 1040

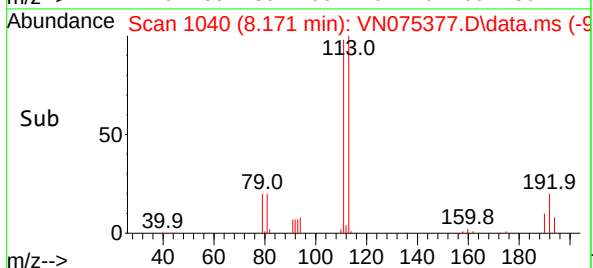
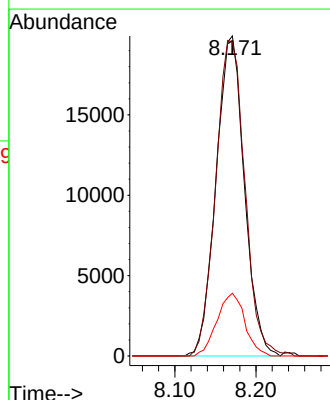
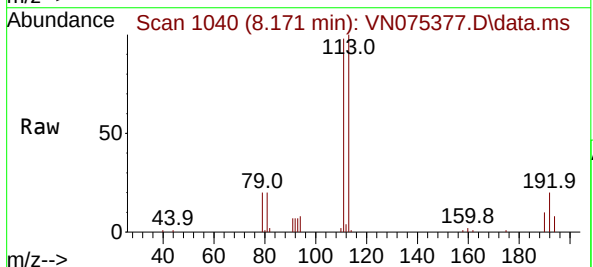
Delta R.T. -0.000 min

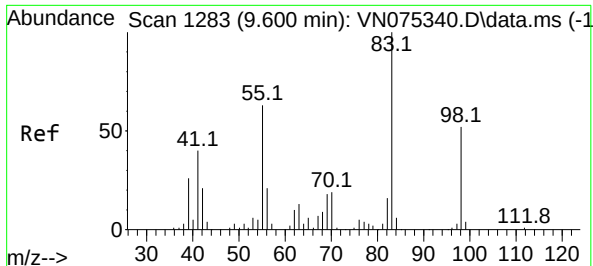
Lab File: VN075377.D

Acq: 22 Nov 2022 18:55

Tgt Ion:113 Resp: 48156

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.5	120.7
192	19.3	13.2	19.8





#39

Methylcyclohexane

Concen: 0.938 ug/l

RT: 9.594 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN075377.D

Acq: 22 Nov 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

AUD-1673

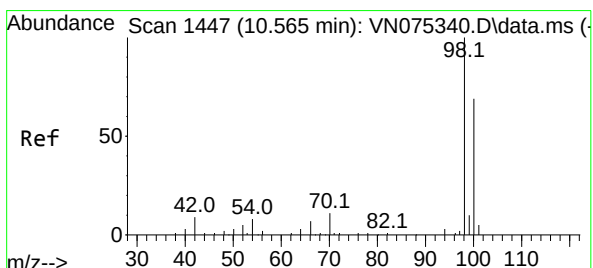
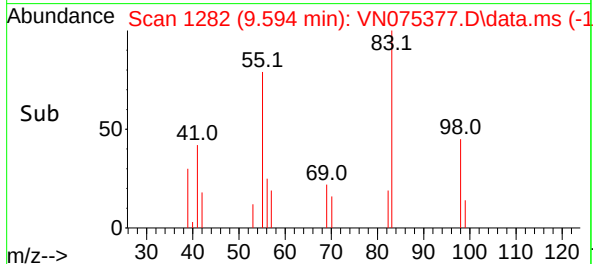
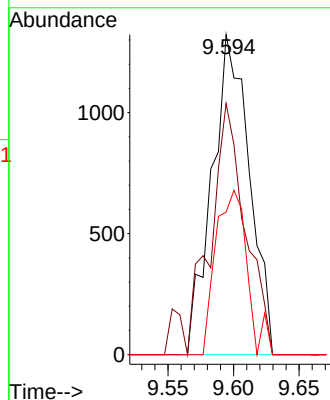
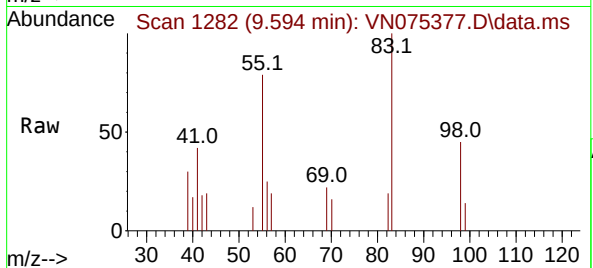
Tgt Ion: 83	Resp: 2620
Ion Ratio	Lower Upper
83	100
55	78.5 53.6 80.4
98	44.6 41.1 61.7

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#50

Toluene-d8

Concen: 48.044 ug/l

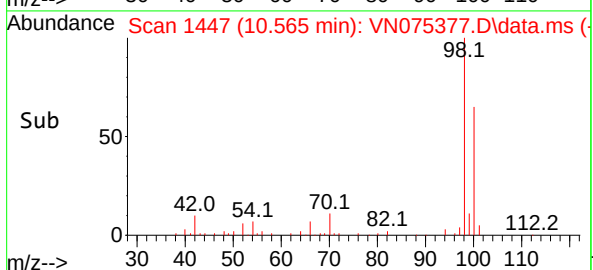
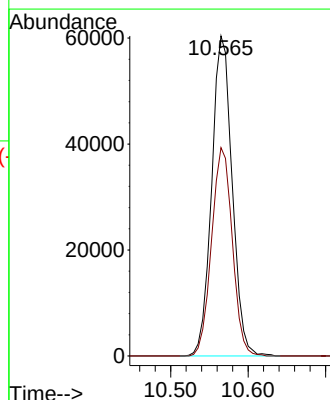
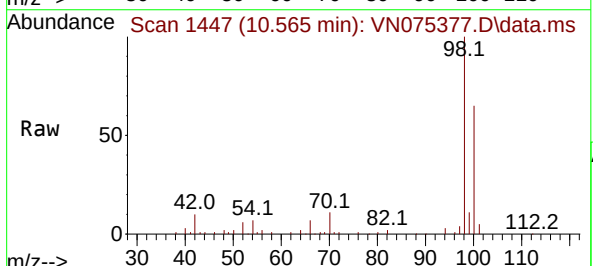
RT: 10.565 min Scan# 1447

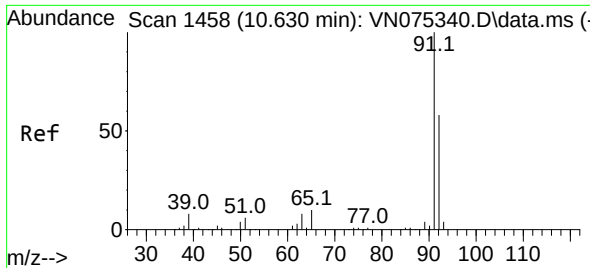
Delta R.T. -0.000 min

Lab File: VN075377.D

Acq: 22 Nov 2022 18:55

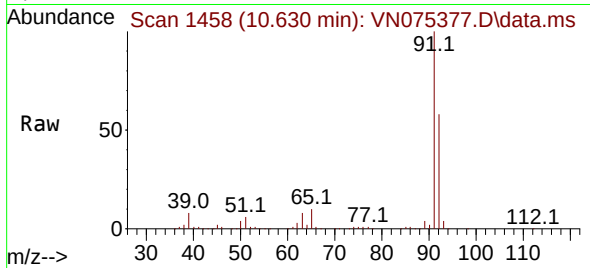
Tgt Ion: 98	Resp: 110941
Ion Ratio	Lower Upper
98	100
100	65.7 53.0 79.6





#52
Toluene
Concen: 117.787 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

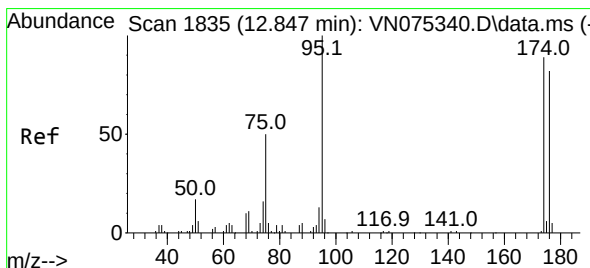
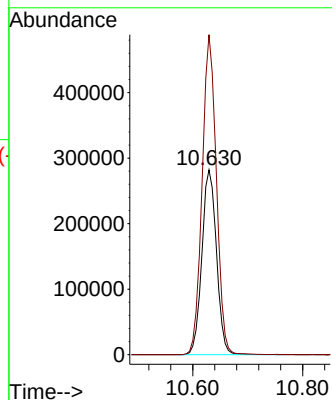
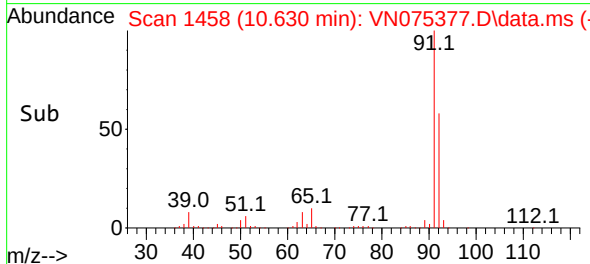
Instrument :
MSVOA_N
ClientSampleId :
AUD-1673



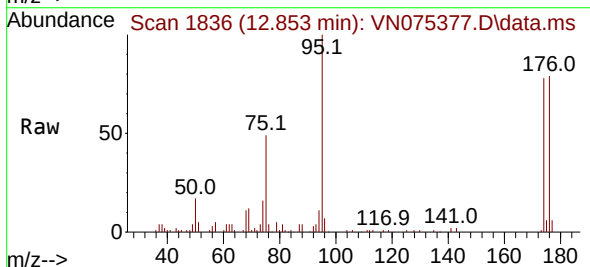
Tgt Ion: 92 Resp: 519580
Ion Ratio Lower Upper
92 100
91 169.3 135.4 203.2

Manual Integrations
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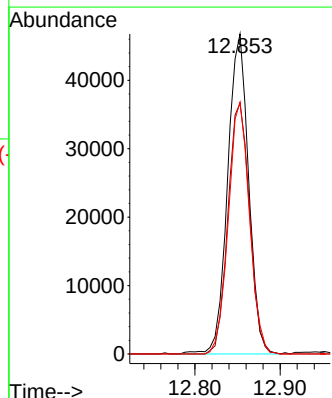
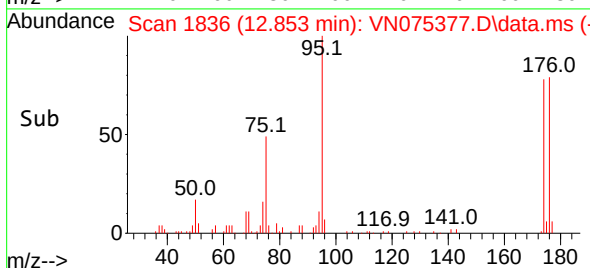
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

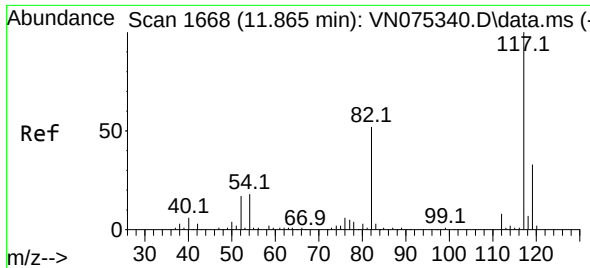


#62
4-Bromofluorobenzene
Concen: 46.965 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55



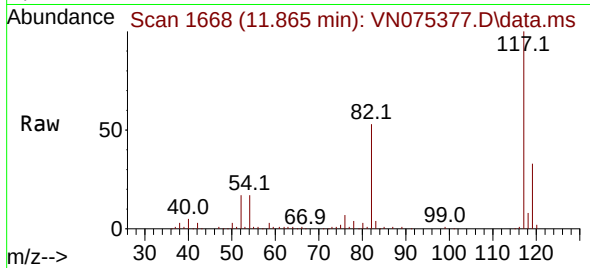
Tgt Ion: 95 Resp: 80047
Ion Ratio Lower Upper
95 100
174 80.6 0.0 147.4
176 78.8 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

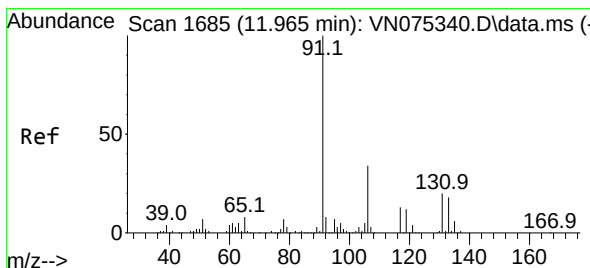
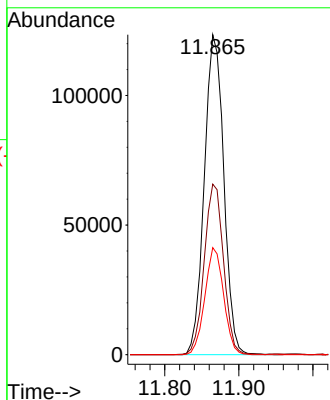
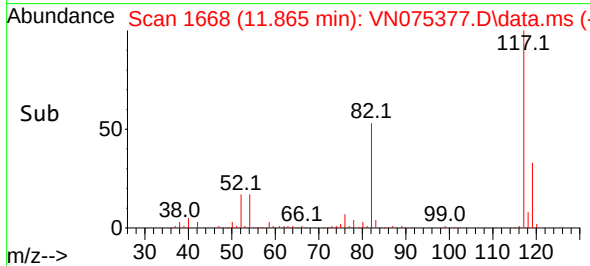
Instrument :
MSVOA_N
ClientSampleId :
AUD-1673



Tgt Ion:117 Resp: 225744
Ion Ratio Lower Upper
117 100
82 53.2 43.1 64.7
119 33.4 25.5 38.3

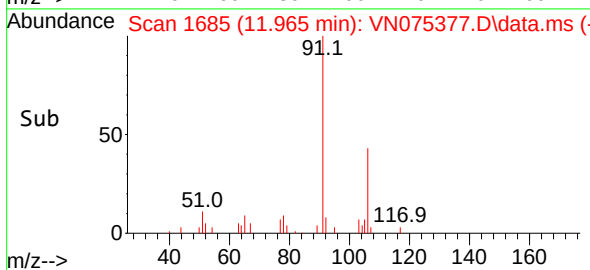
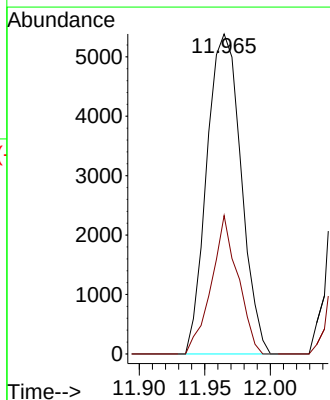
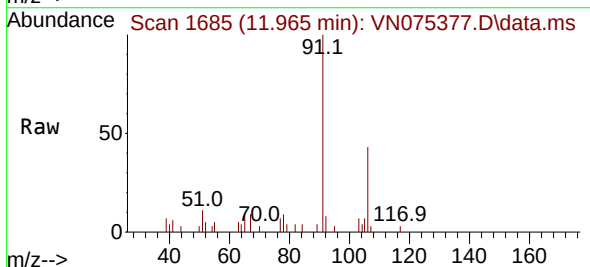
Manual Integrations
APPROVED

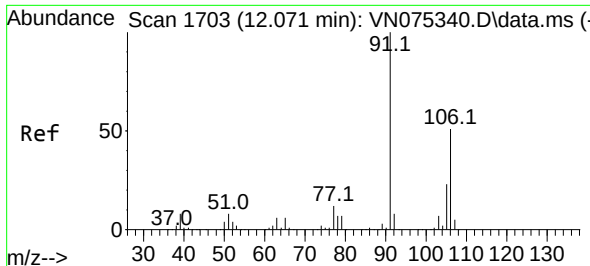
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#67
Ethyl Benzene
Concen: 1.230 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Tgt Ion: 91 Resp: 9785
Ion Ratio Lower Upper
91 100
106 43.3 24.9 37.3#





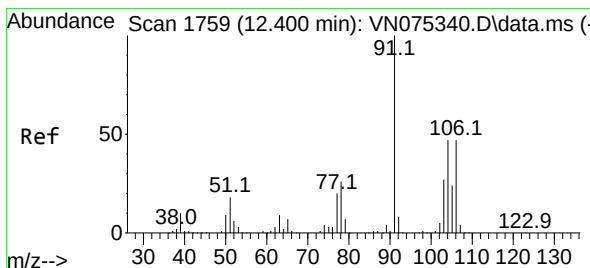
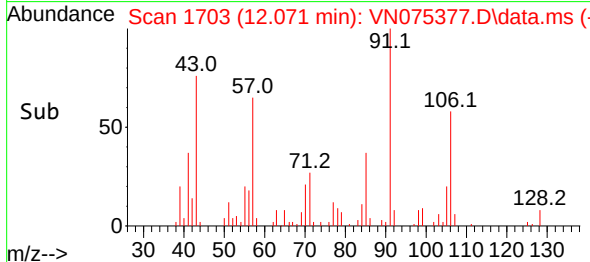
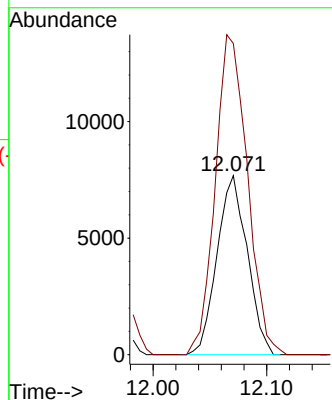
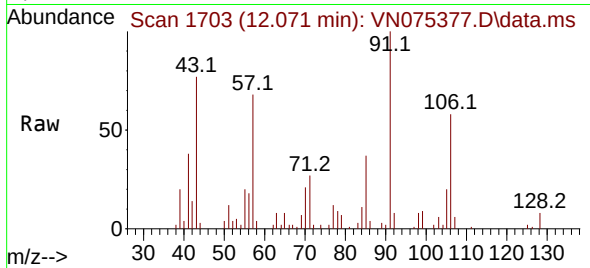
#68
m/p-Xylenes
Concen: 4.400 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
AUD-1673

Tgt Ion:106 Resp: 1421
Ion Ratio Lower Upper
106 100
91 189.9 156.0 234.0

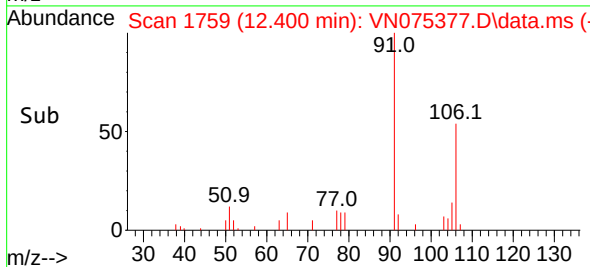
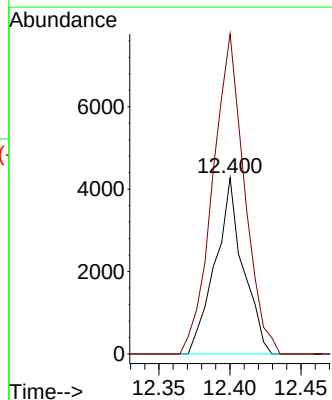
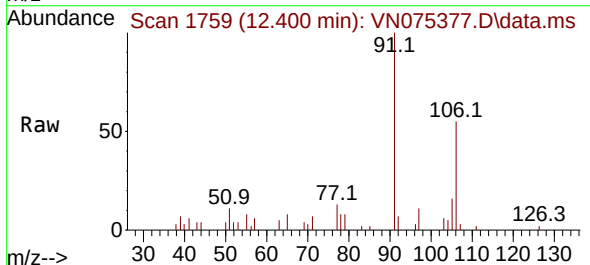
Manual Integrations
APPROVED

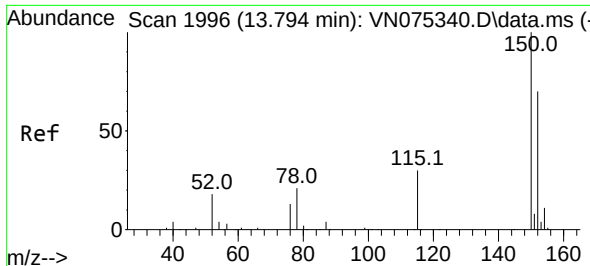
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#69
o-Xylene
Concen: 1.819 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

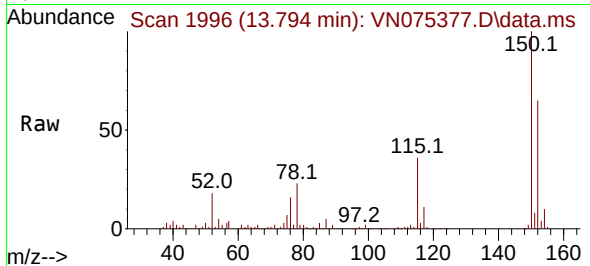
Tgt Ion:106 Resp: 5837
Ion Ratio Lower Upper
106 100
91 206.7 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

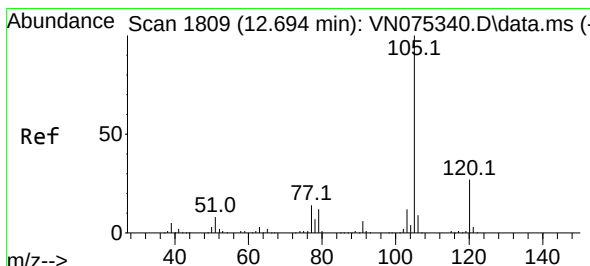
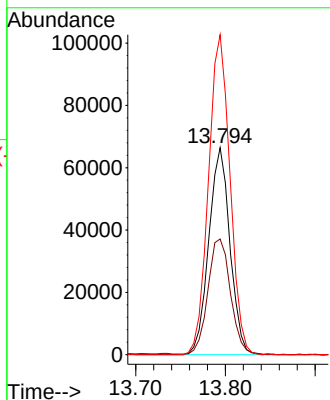
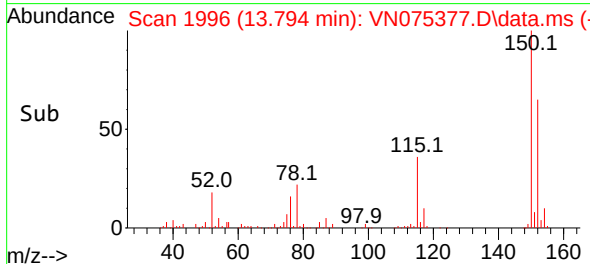
Instrument :
MSVOA_N
ClientSampleId :
AUD-1673



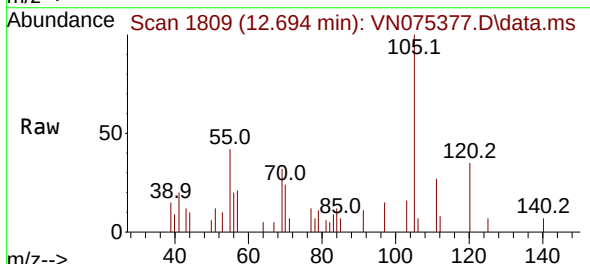
Tgt Ion:152 Resp: 10865
Ion Ratio Lower Upper
152 100
115 59.9 30.2 90.6
150 156.9 0.0 348.4

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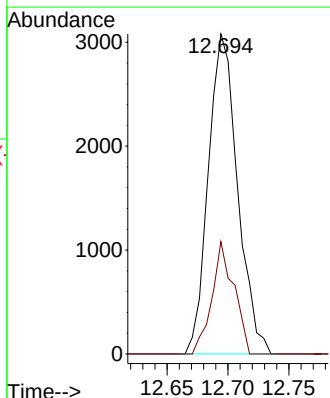
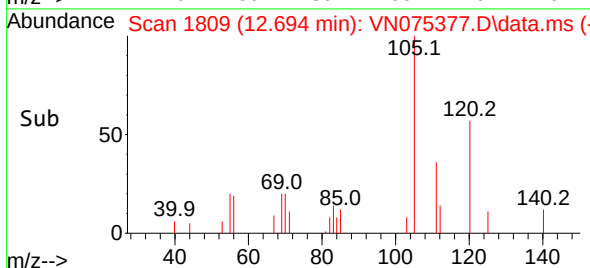
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

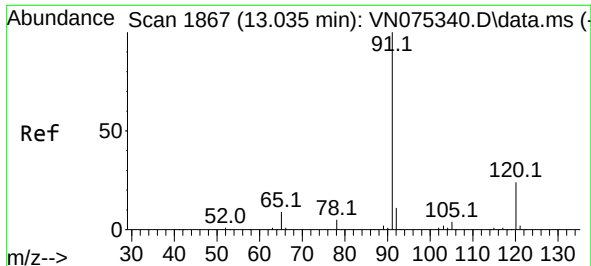


#73
Isopropylbenzene
Concen: 0.648 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55



Tgt Ion:105 Resp: 5147
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1





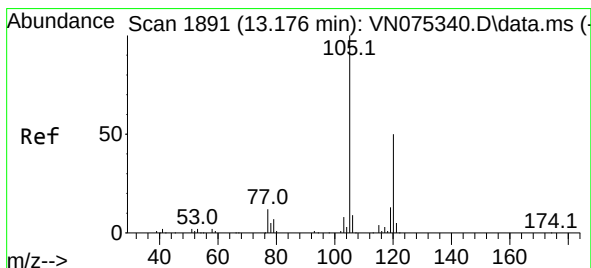
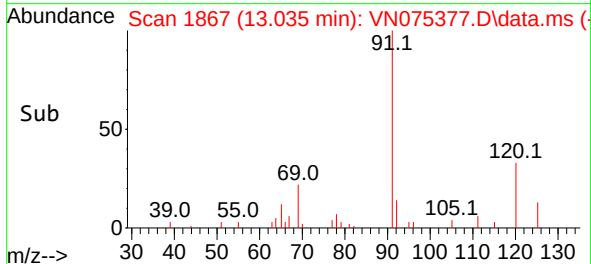
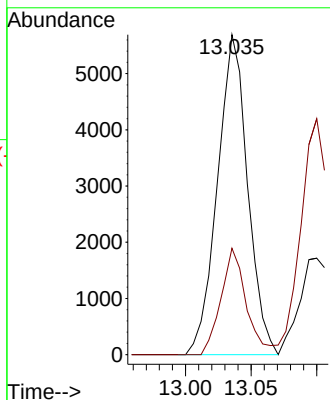
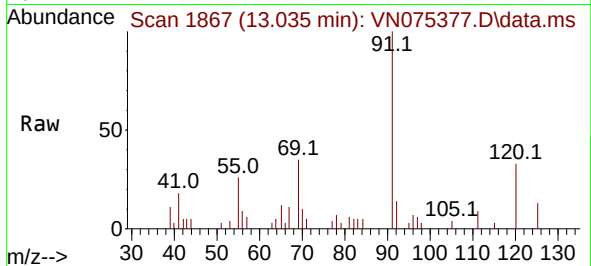
#78
n-propylbenzene
Concen: 1.028 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
AUD-1673

Tgt Ion: 91 Resp: 9109
Ion Ratio Lower Upper
91 100
120 27.7 11.9 35.5

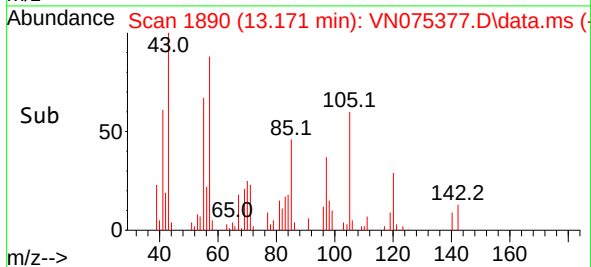
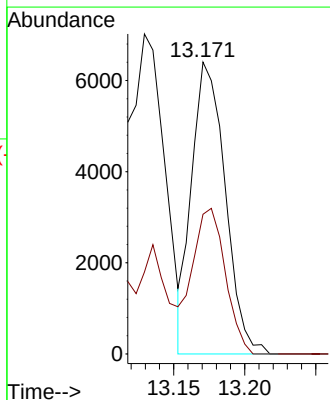
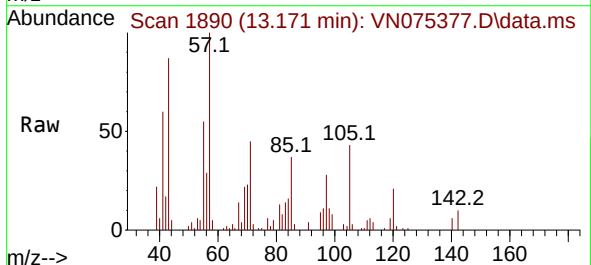
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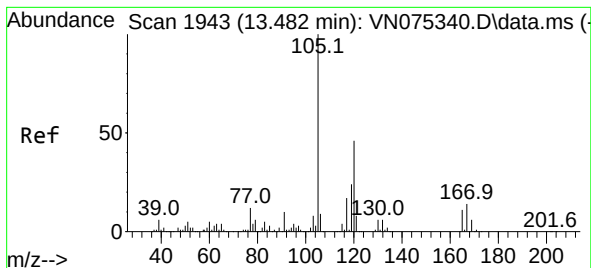
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 1.590 ug/l
RT: 13.171 min Scan# 1890
Delta R.T. -0.005 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Tgt Ion:105 Resp: 10484
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 6.431 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075377.D

Acq: 22 Nov 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

AUD-1673

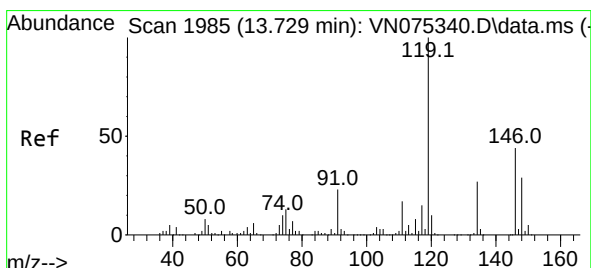
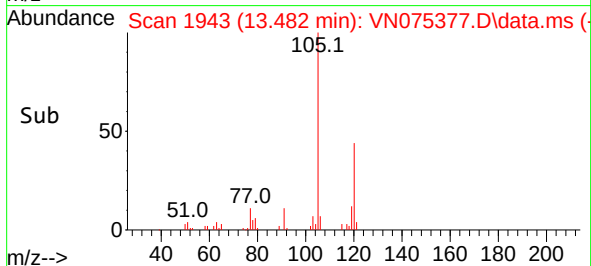
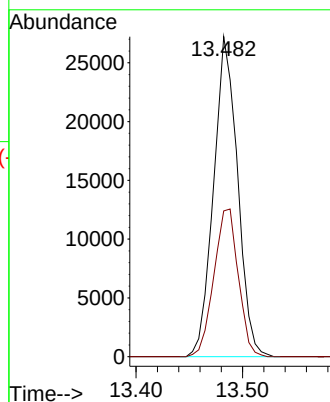
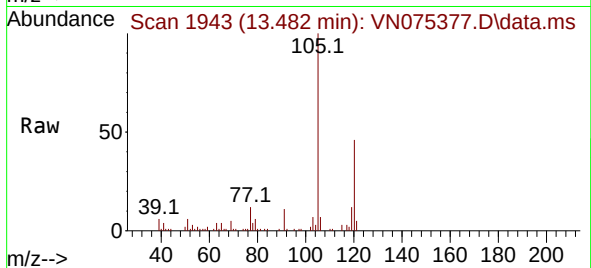
Tgt Ion:105 Resp: 42540
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.7 68.1

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#86

p-Isopropyltoluene

Concen: 0.913 ug/l

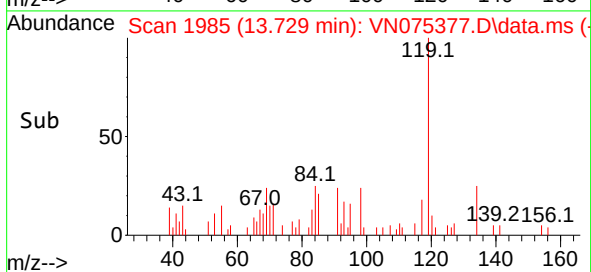
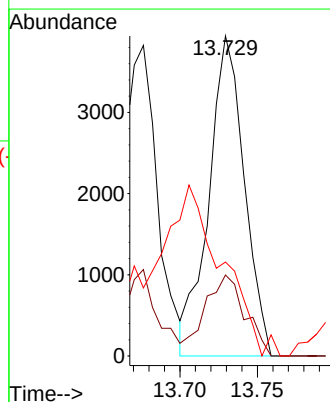
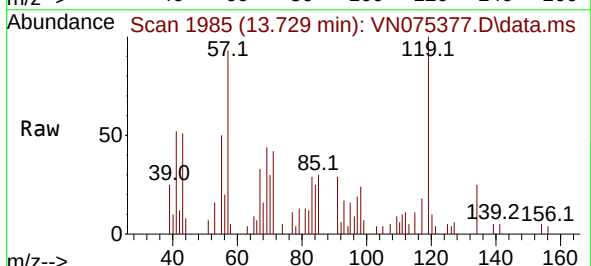
RT: 13.729 min Scan# 1985

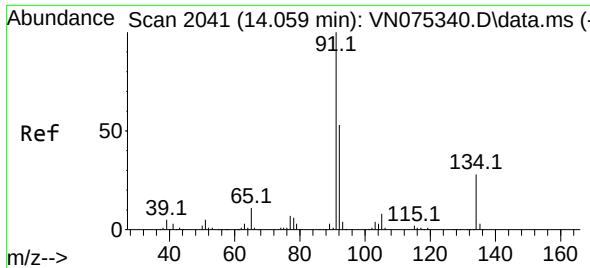
Delta R.T. 0.000 min

Lab File: VN075377.D

Acq: 22 Nov 2022 18:55

Tgt Ion:119 Resp: 6268
 Ion Ratio Lower Upper
 119 100
 134 28.6 13.1 39.3
 91 0.0 11.9 35.5#





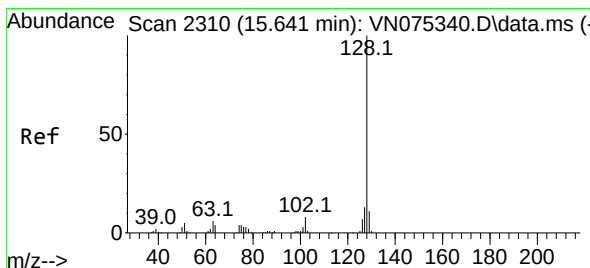
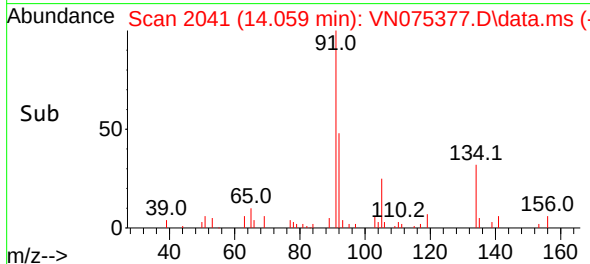
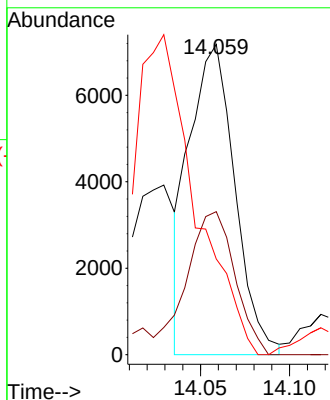
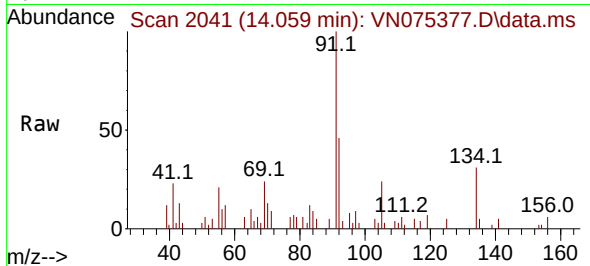
#89
n-Butylbenzene
Concen: 2.199 ug/l m
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :
AUD-1673

Tgt Ion: 91 Resp: 1274
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 0.0 13.0 39.0

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Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#95
Naphthalene
Concen: 2.597 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075377.D
Acq: 22 Nov 2022 18:55

Tgt Ion:128 Resp: 15157
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 12.0 8.6 12.8

