

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075207.D
 Acq On : 08 Nov 2022 13:29
 Operator : JC\MD
 Sample : N5504-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SV34211L

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:32:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	104728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	165724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	74403	52.728	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.460%			
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery = 0.000%#			
50) Toluene-d8	10.571	98	220850	50.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.240%			
62) 4-Bromofluorobenzene	12.847	95	76262	49.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds					Qvalue	
16) Acetone	4.559	43	363446m	608.289	ug/l	
25) 2-Butanone	7.530	43	29636	31.535	ug/l	91
29) Tetrahydrofuran	7.871	42	10817	17.812	ug/l #	50
51) 4-Methyl-2-Pentanone	10.453	43	3502	1.832	ug/l #	85
52) Toluene	10.629	92	9492	2.664	ug/l	96
59) 2-Hexanone	11.206	43	2034	1.402	ug/l	68
67) Ethyl Benzene	11.965	91	22500	3.535	ug/l	94
68) m/p-Xylenes	12.071	106	54849	21.478	ug/l	97
69) o-Xylene	12.400	106	37378	14.801	ug/l	98
73) Isopropylbenzene	12.700	105	7100	1.087	ug/l	99
78) n-propylbenzene	13.035	91	23925	3.263	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	77808	14.186	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	375760	67.710	ug/l	100
85) sec-Butylbenzene	13.618	105	8082m	1.185	ug/l	
86) p-Isopropyltoluene	13.729	119	8063	1.432	ug/l	94
89) n-Butylbenzene	14.059	91	10029	2.212	ug/l #	77

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

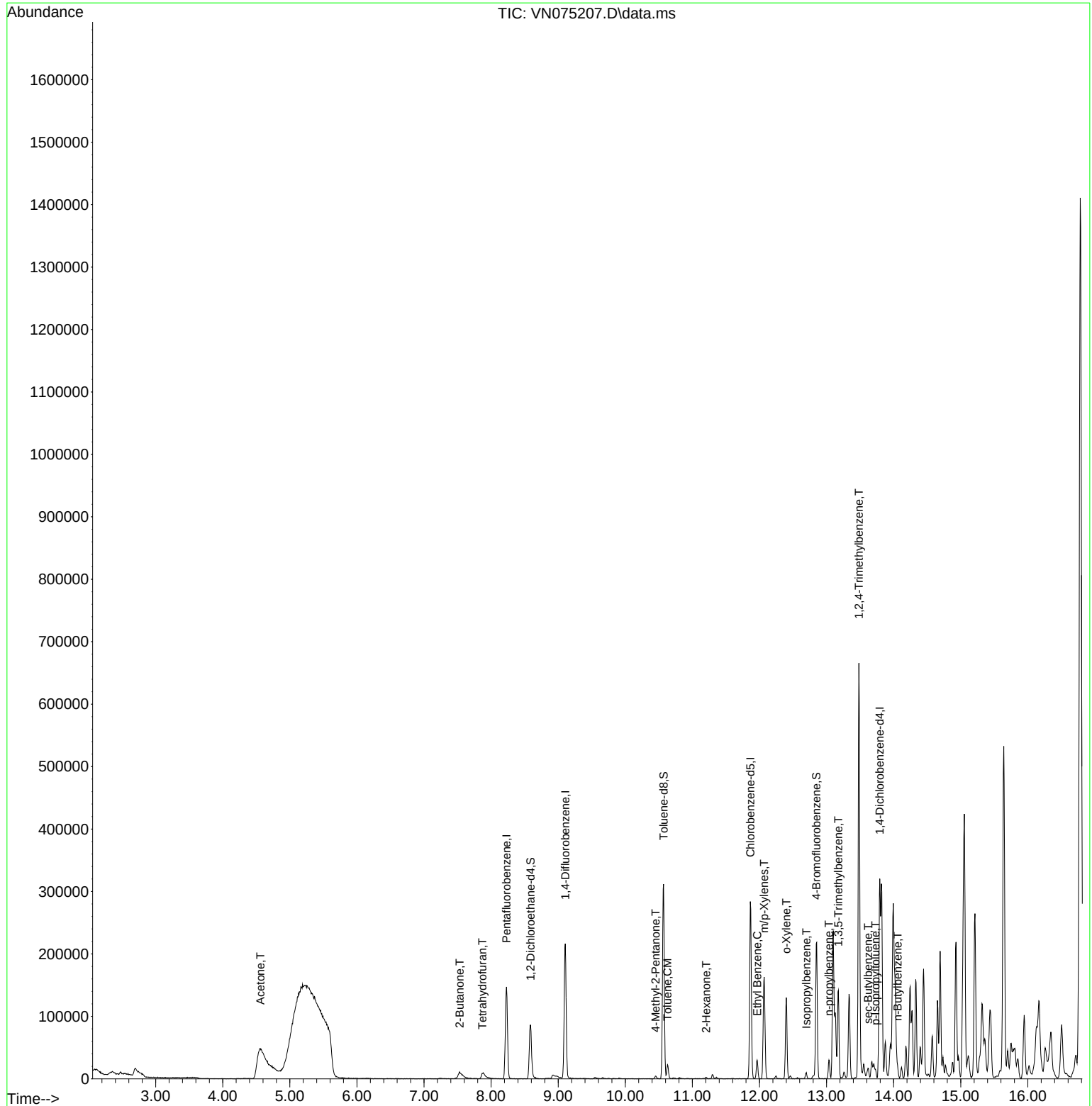
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
Data File : VN075207.D
Acq On : 08 Nov 2022 13:29
Operator : JC\MD
Sample : N5504-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

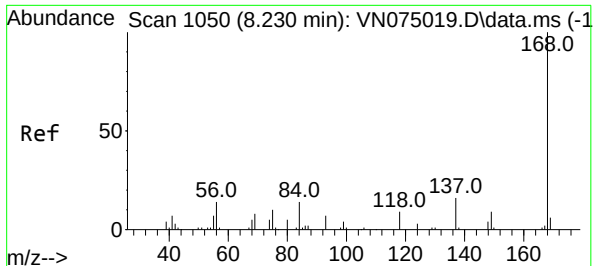
Instrument :
MSVOA_N
ClientSampleId :
SV34211L

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/09/2022
Supervised By : Mahesh Dadoda 11/09/2022

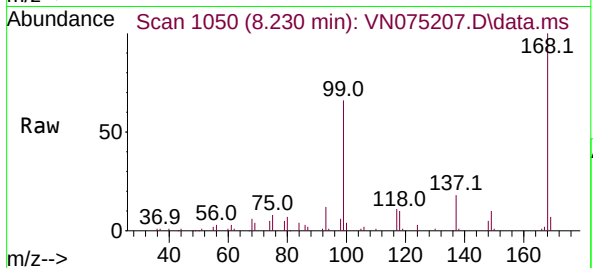
Quant Time: Nov 09 01:32:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

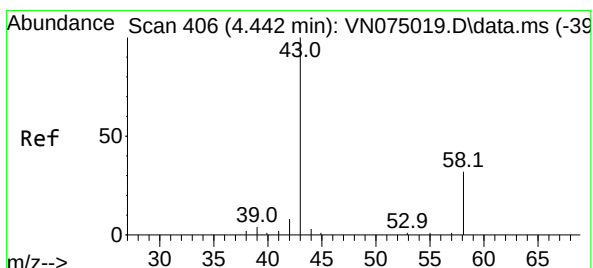
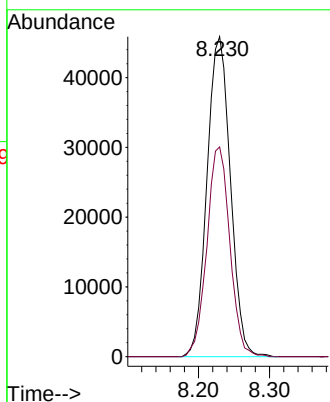
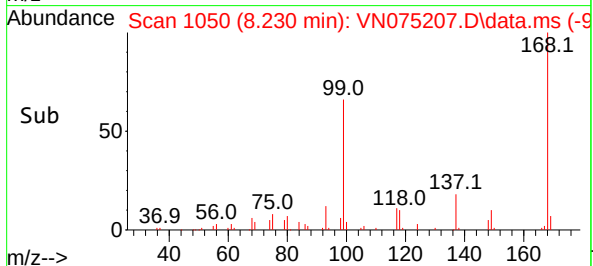
Instrument :
MSVOA_N
ClientSampleId :
SV34211L



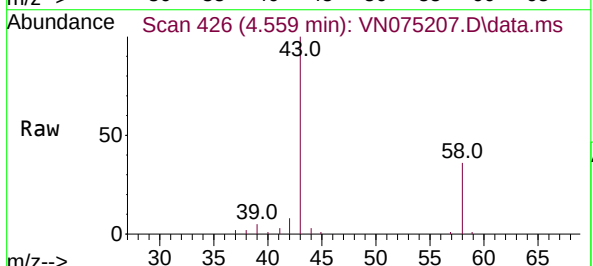
Tgt Ion:168 Resp: 104728
Ion Ratio Lower Upper
168 100
99 65.5 51.6 77.4

Manual Integrations
APPROVED

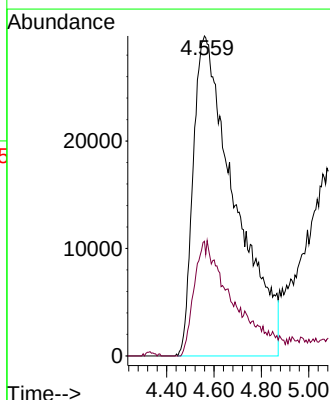
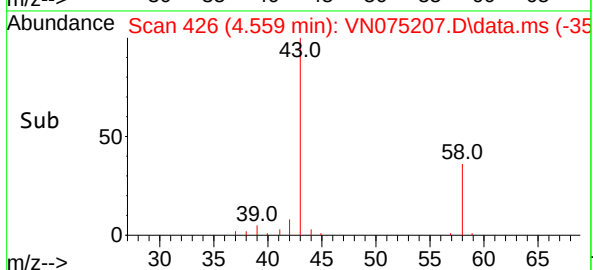
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

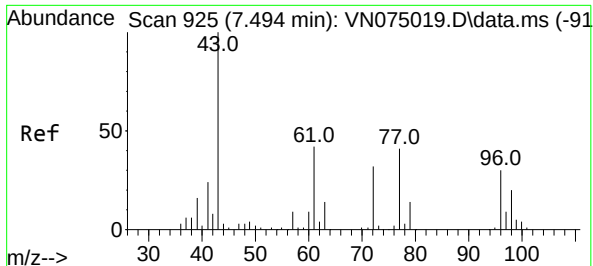


#16
Acetone
Concen: 608.289 ug/l m
RT: 4.559 min Scan# 426
Delta R.T. 0.117 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29



Tgt Ion: 43 Resp: 363446
Ion Ratio Lower Upper
43 100
58 35.8 25.5 38.3





#25

2-Butanone

Concen: 31.535 ug/l

RT: 7.530 min Scan# 931

Delta R.T. 0.036 min

Lab File: VN075207.D

Acq: 08 Nov 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

SV34211L

Tgt Ion: 43 Resp: 29636

Ion Ratio Lower Upper

43 100

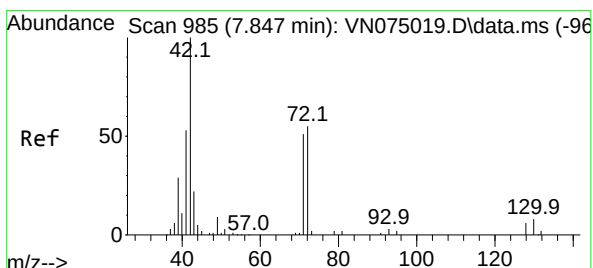
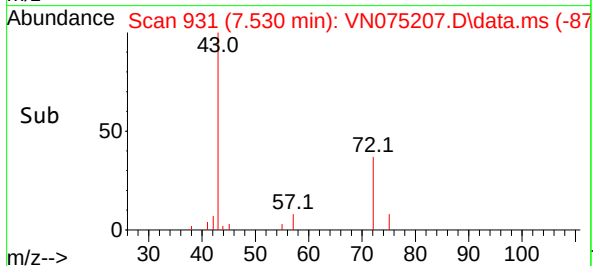
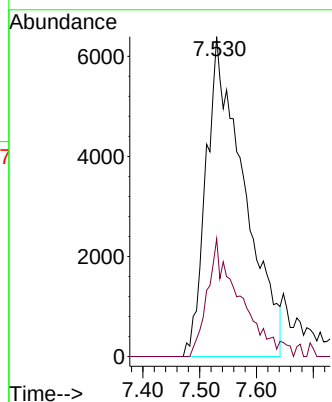
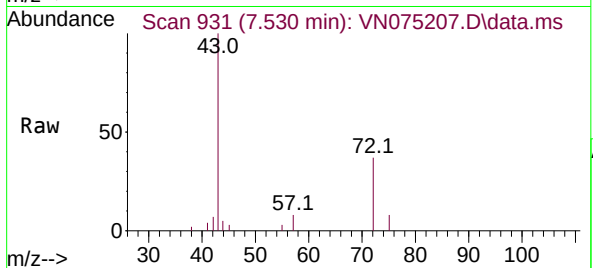
72 36.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#29

Tetrahydrofuran

Concen: 17.812 ug/l

RT: 7.871 min Scan# 989

Delta R.T. 0.024 min

Lab File: VN075207.D

Acq: 08 Nov 2022 13:29

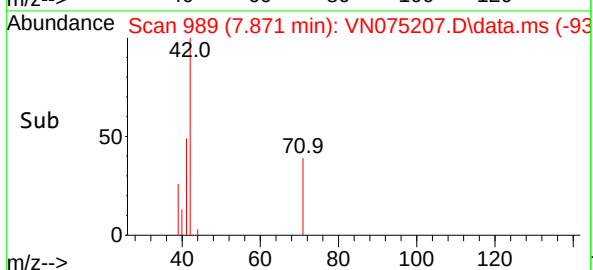
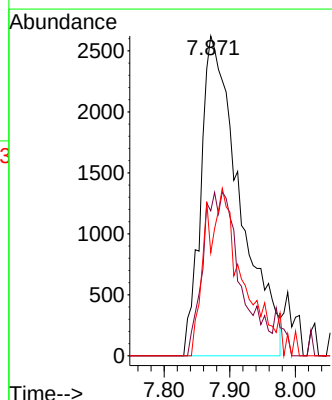
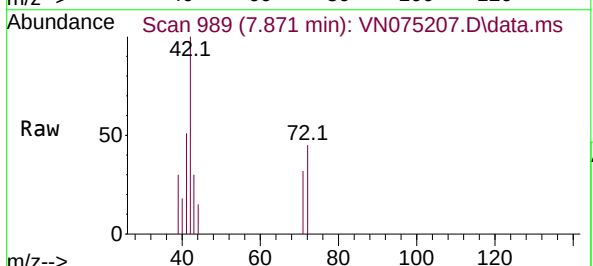
Tgt Ion: 42 Resp: 10817

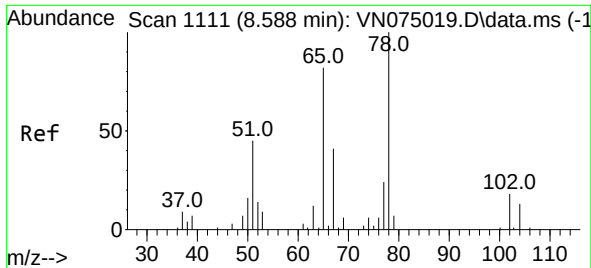
Ion Ratio Lower Upper

42 100

72 21.9 43.0 64.6#

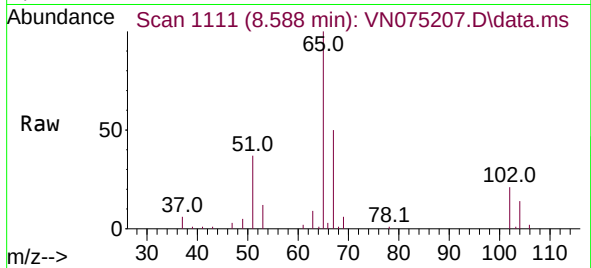
71 11.8 39.9 59.9#





#33
1,2-Dichloroethane-d4
Concen: 52.728 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

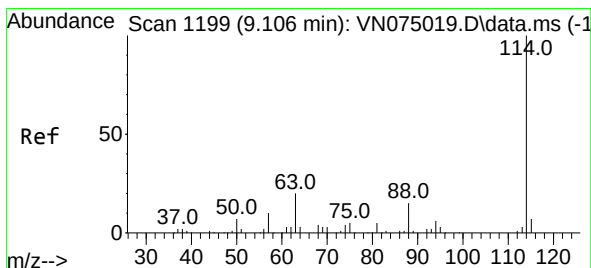
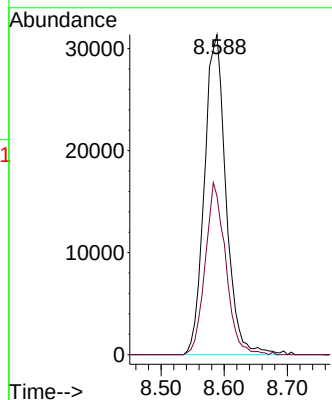
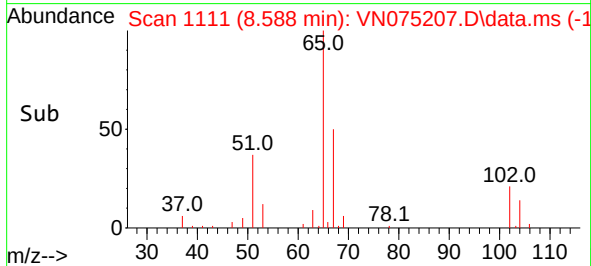
Instrument :
MSVOA_N
ClientSampleId :
SV34211L



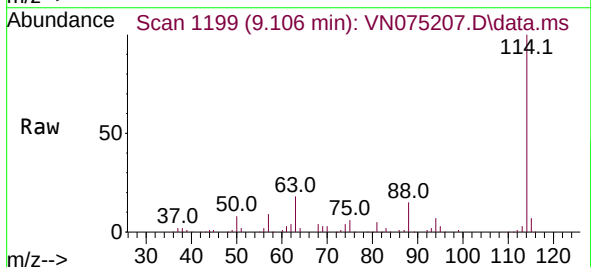
Tgt Ion: 65 Resp: 74403
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.0

Manual Integrations
APPROVED

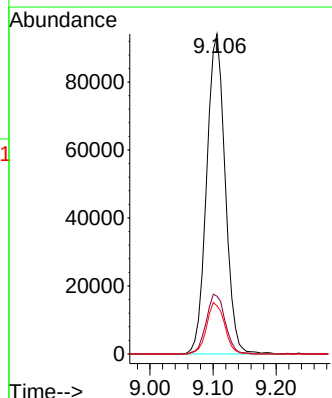
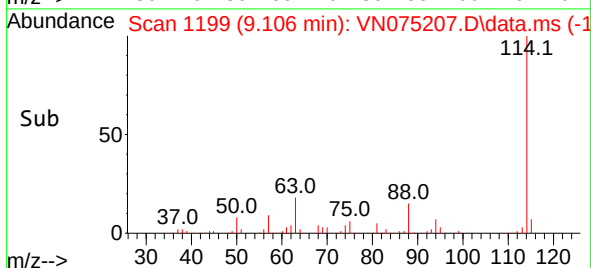
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

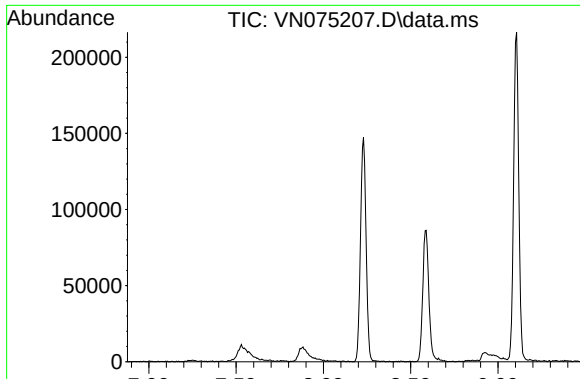


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29



Tgt Ion:114 Resp: 191563
Ion Ratio Lower Upper
114 100
63 18.0 0.0 39.6
88 15.1 0.0 29.0





#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 8.17 min
 Lab File: VN075207.D
 Acq: 08 Nov 2022 13:29

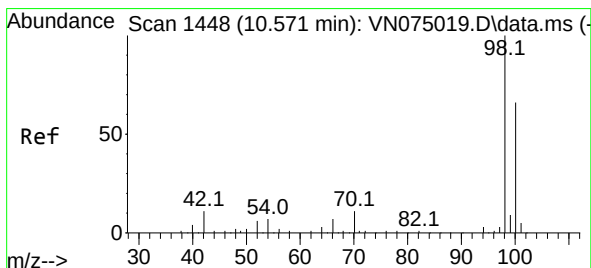
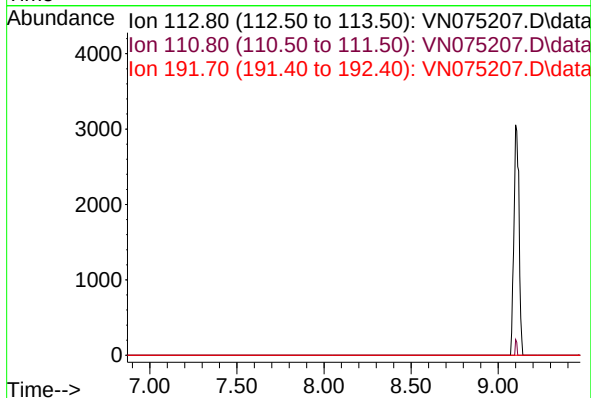
Instrument : MSVOA_N
 ClientSampleId : SV34211L

Tgt Ion: 113

Sig	Exp	Ratio
113	100	
111	100.6	
192	16.5	

Manual Integrations
 APPROVED

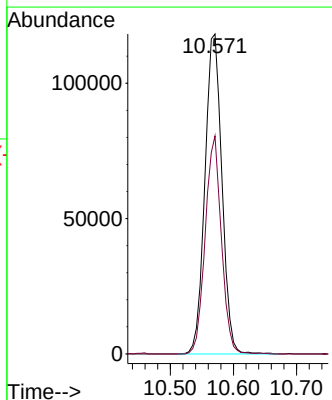
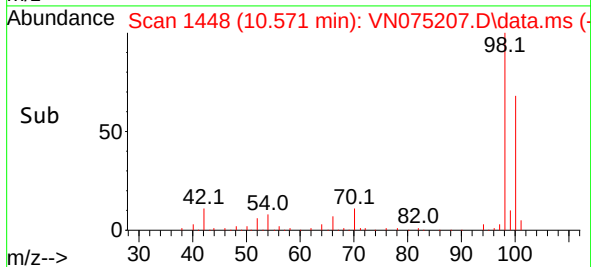
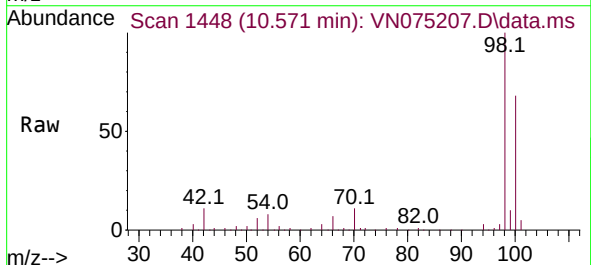
Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

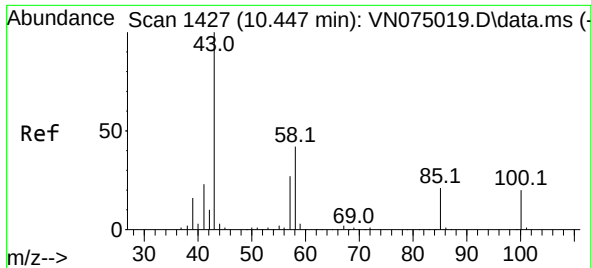


#50
 Toluene-d8
 Concen: 50.618 ug/l
 RT: 10.571 min Scan# 1448
 Delta R.T. -0.000 min
 Lab File: VN075207.D
 Acq: 08 Nov 2022 13:29

Tgt Ion: 98 Resp: 220850

Ion	Ratio	Lower	Upper
98	100		
100	64.7	53.0	79.6





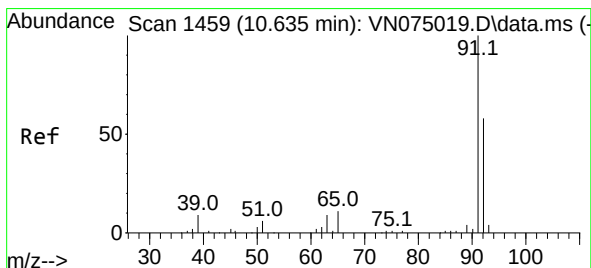
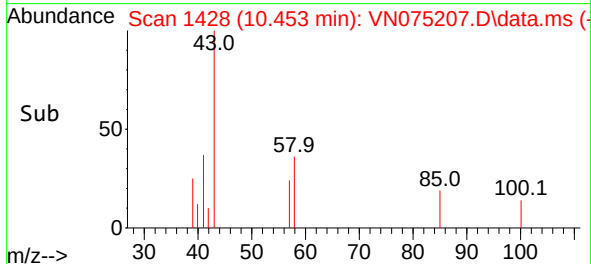
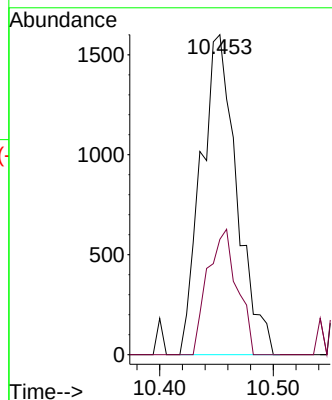
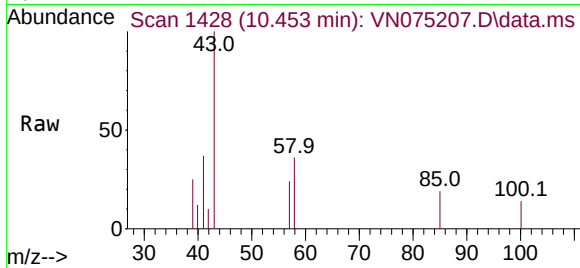
#51
4-Methyl-2-Pentanone
Concen: 1.832 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
SV34211L

Tgt Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
58 32.4 33.6 50.4

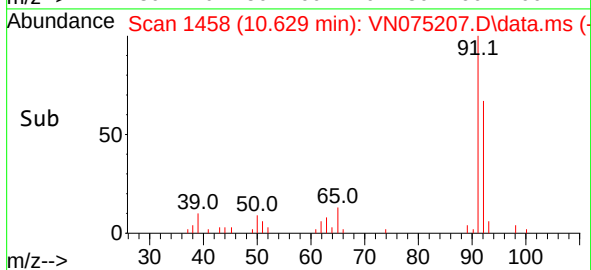
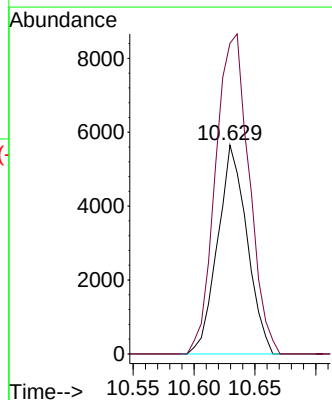
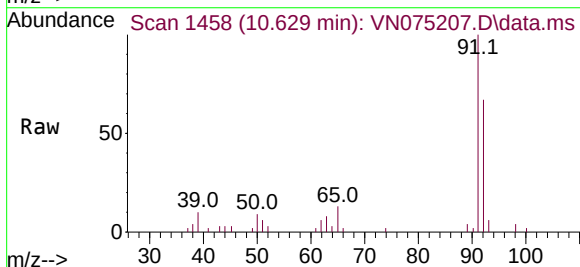
Manual Integrations
APPROVED

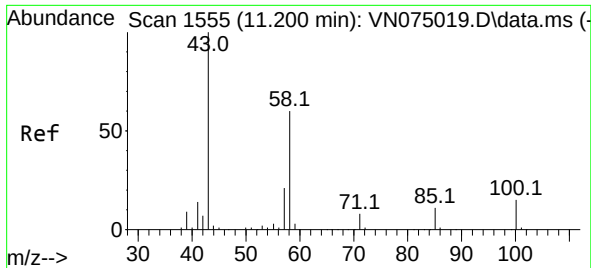
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#52
Toluene
Concen: 2.664 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Tgt Ion: 92 Resp: 9492
Ion Ratio Lower Upper
92 100
91 175.1 135.4 203.2





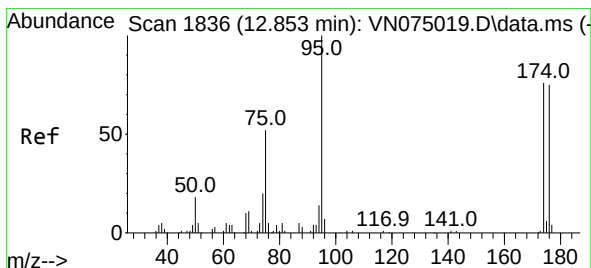
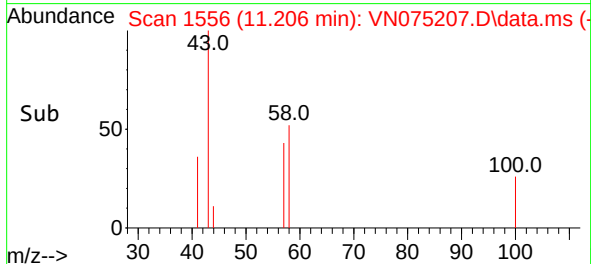
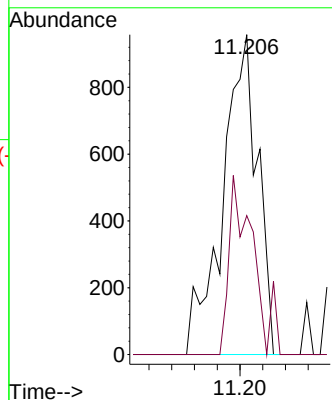
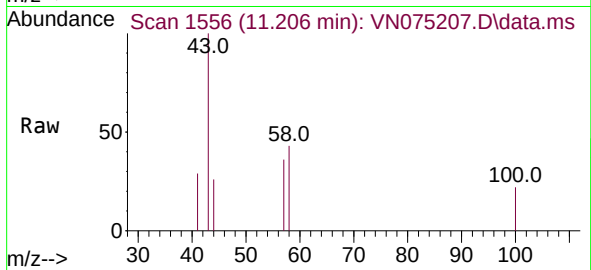
#59
2-Hexanone
Concen: 1.402 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
SV34211L

Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
58 35.2 29.6 88.8

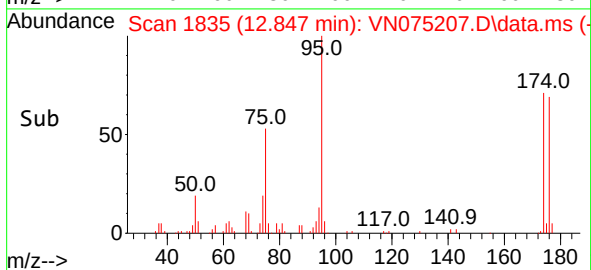
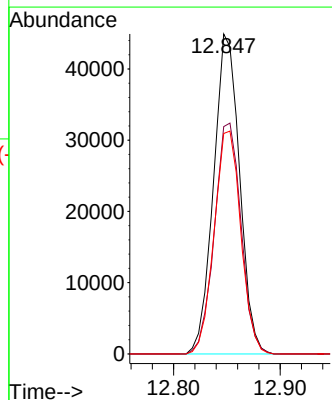
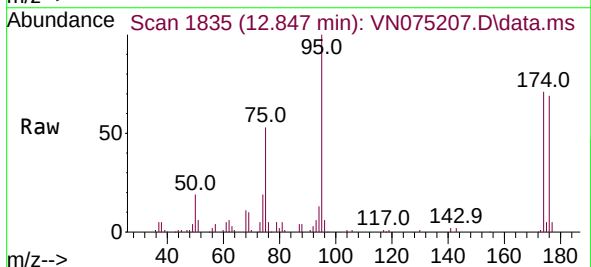
Manual Integrations
APPROVED

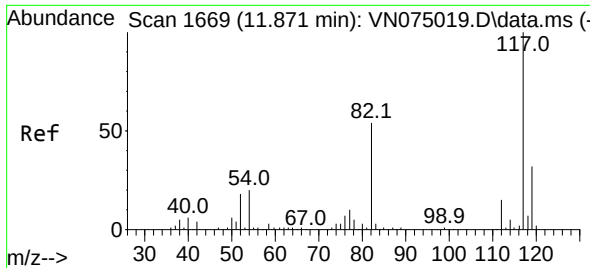
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#62
4-Bromofluorobenzene
Concen: 49.758 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

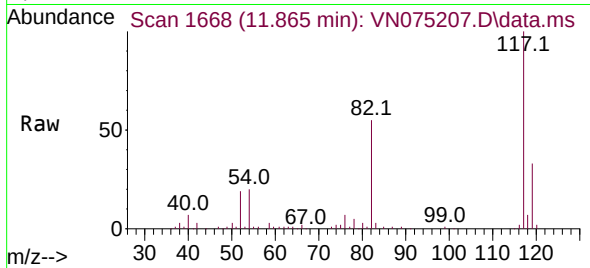
Tgt Ion: 95 Resp: 76262
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.4
176 71.4 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

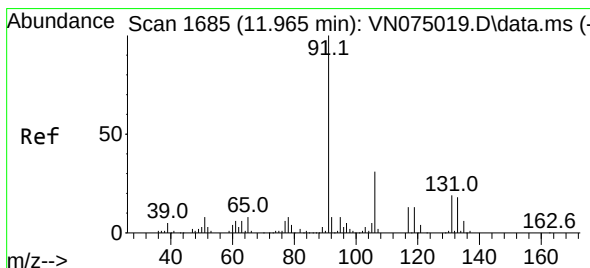
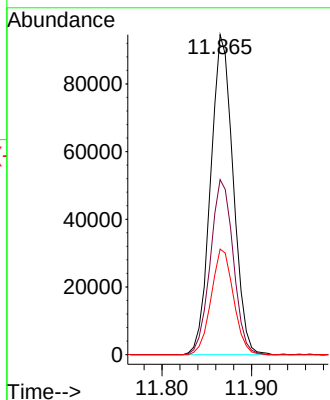
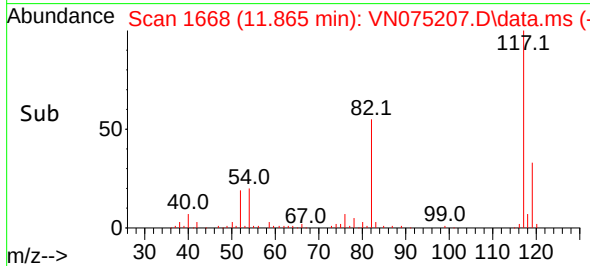
Instrument :
MSVOA_N
ClientSampleId :
SV34211L



Tgt Ion:117 Resp: 165724
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 33.0 25.5 38.3

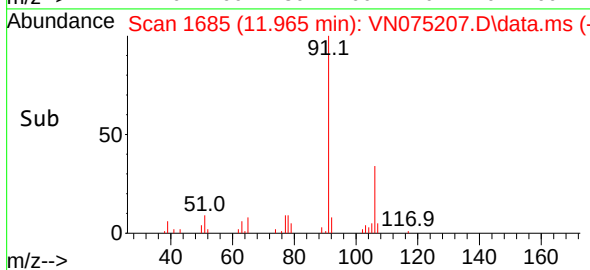
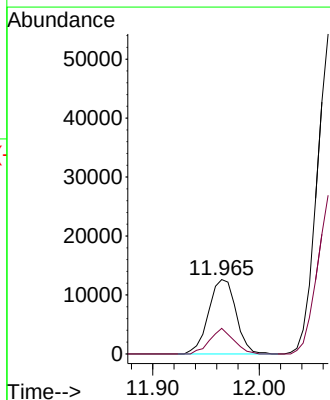
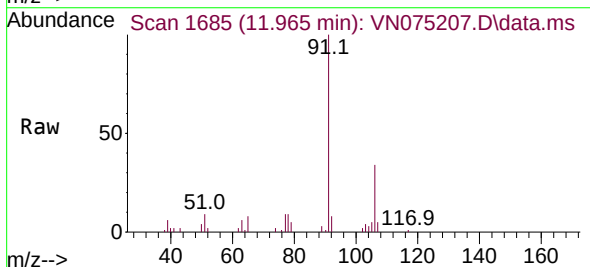
Manual Integrations
APPROVED

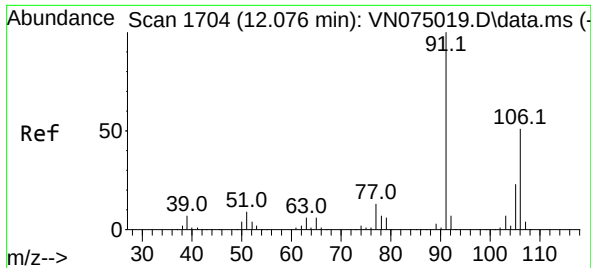
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#67
Ethyl Benzene
Concen: 3.535 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Tgt Ion: 91 Resp: 22500
Ion Ratio Lower Upper
91 100
106 34.4 24.9 37.3





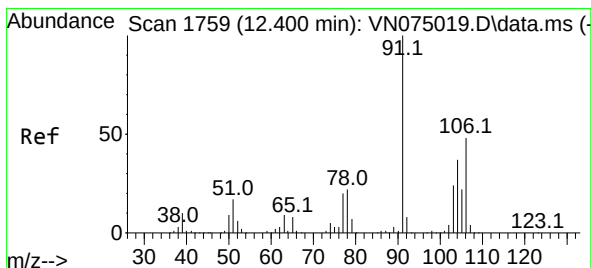
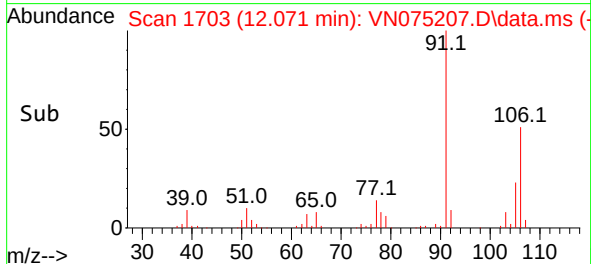
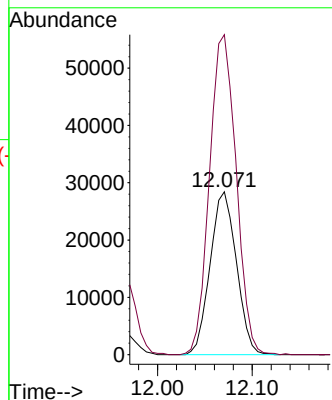
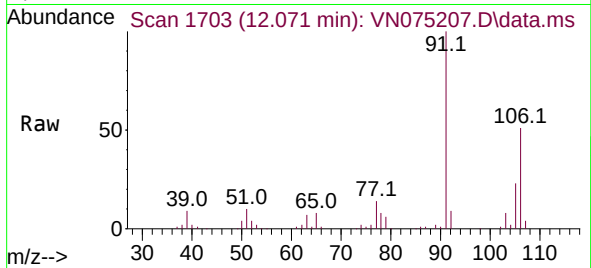
#68
m/p-Xylenes
Concen: 21.478 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
SV34211L

Tgt Ion:106 Resp: 54849
Ion Ratio Lower Upper
106 100
91 199.4 156.0 234.0

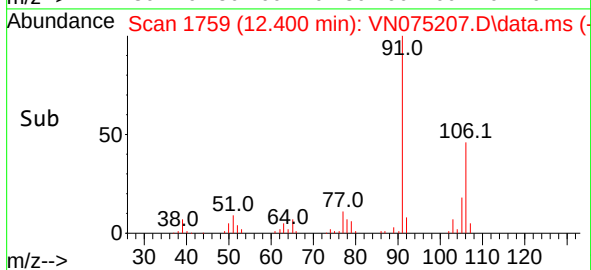
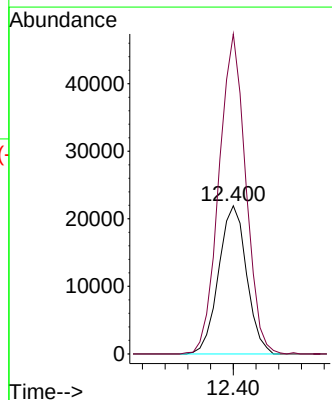
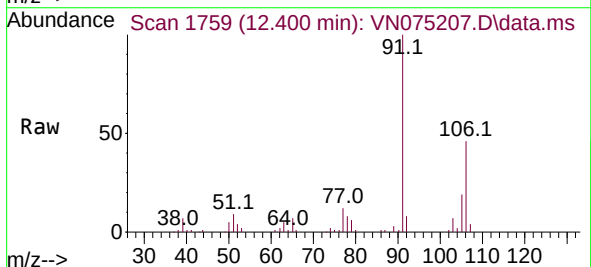
Manual Integrations
APPROVED

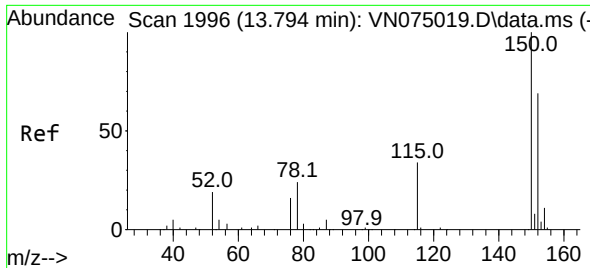
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#69
o-Xylene
Concen: 14.801 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

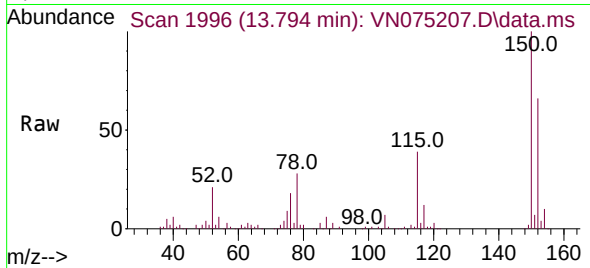
Tgt Ion:106 Resp: 37378
Ion Ratio Lower Upper
106 100
91 207.3 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

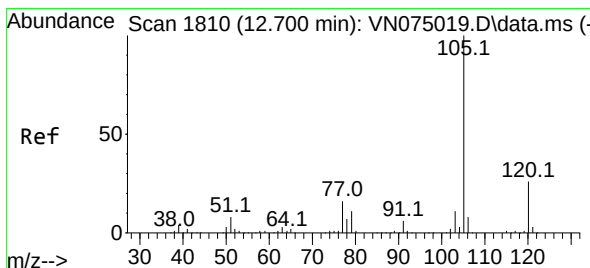
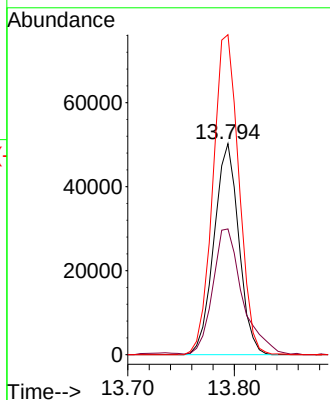
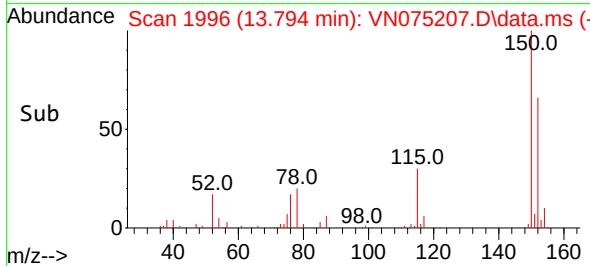
Instrument :
MSVOA_N
ClientSampleId :
SV34211L



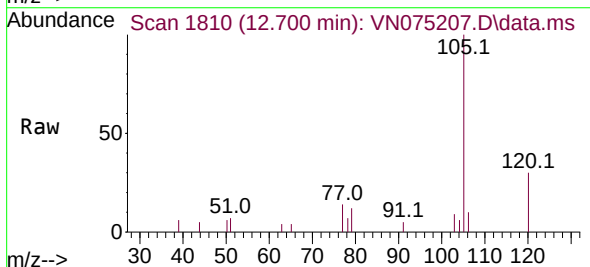
Tgt Ion:152 Resp: 81343
Ion Ratio Lower Upper
152 100
115 71.5 30.2 90.6
150 158.7 0.0 348.4

Manual Integrations
APPROVED

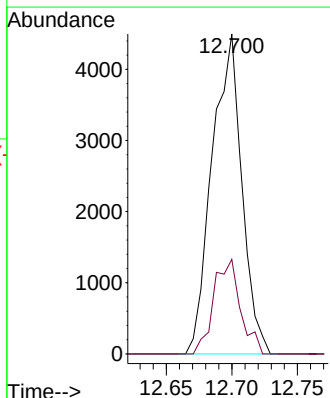
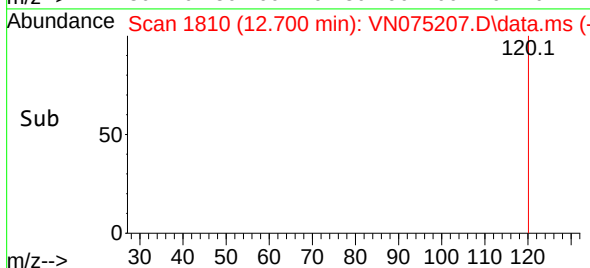
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

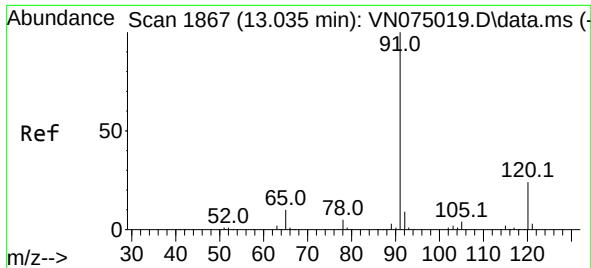


#73
Isopropylbenzene
Concen: 1.087 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29



Tgt Ion:105 Resp: 7100
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1





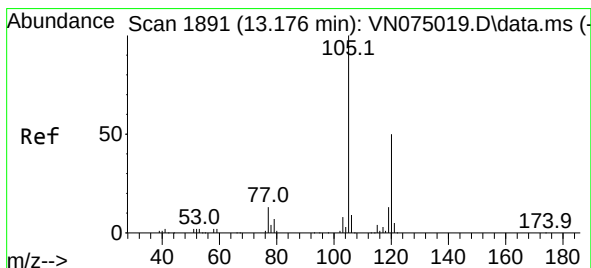
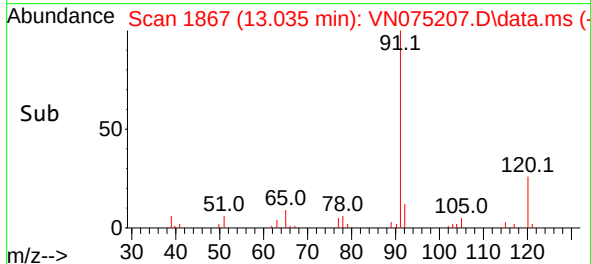
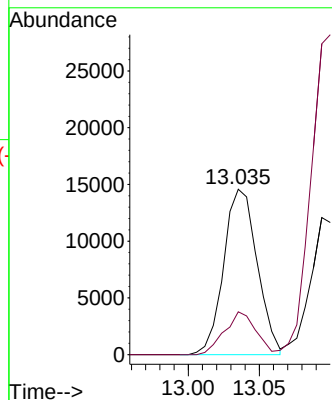
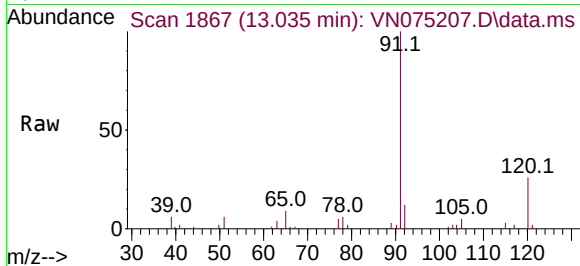
#78
n-propylbenzene
Concen: 3.263 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
SV34211L

Tgt Ion: 91 Resp: 23925
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5

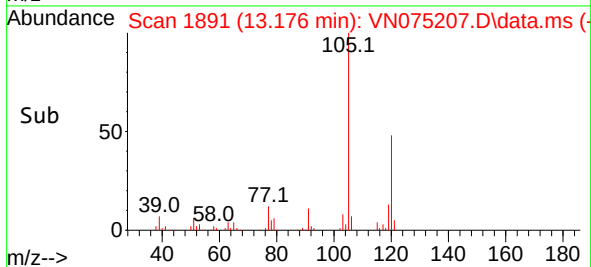
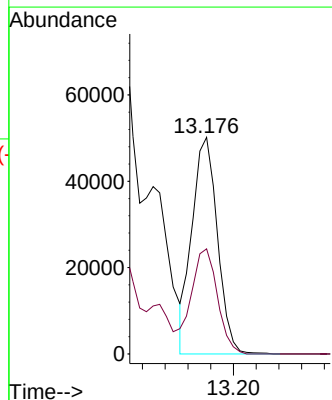
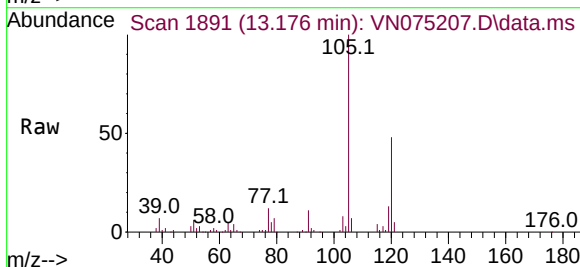
Manual Integrations
APPROVED

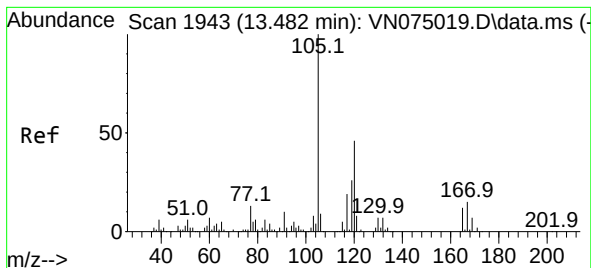
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 14.186 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Tgt Ion:105 Resp: 77808
Ion Ratio Lower Upper
105 100
120 51.4 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 67.710 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075207.D

Acq: 08 Nov 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

SV34211L

Tgt Ion:105 Resp: 375760

Ion Ratio Lower Upper

105 100

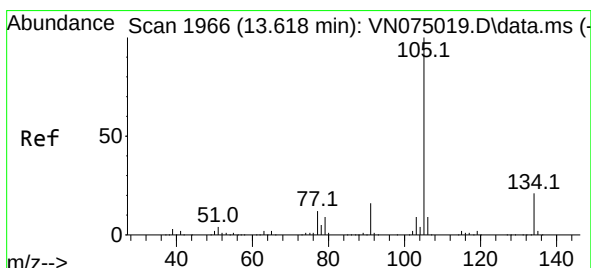
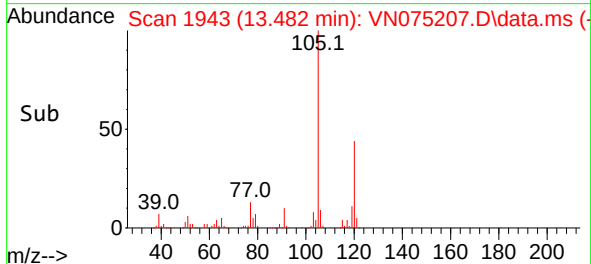
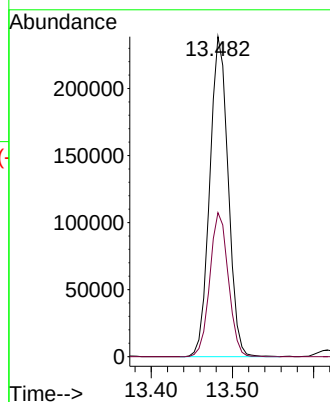
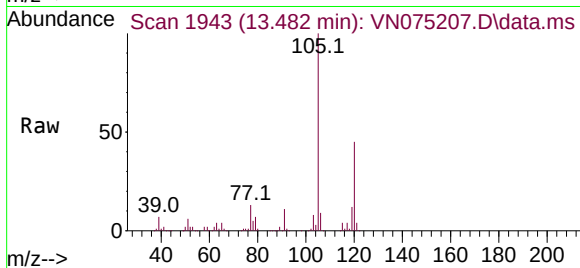
120 45.2 22.7 68.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#85

sec-Butylbenzene

Concen: 1.185 ug/l m

RT: 13.618 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075207.D

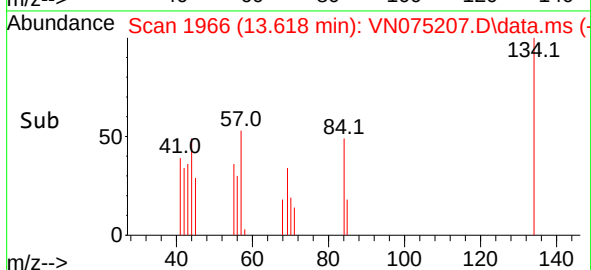
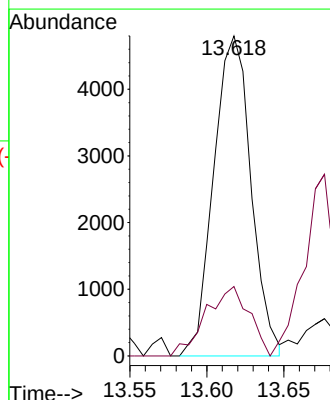
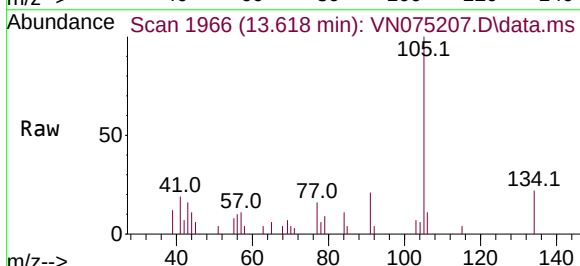
Acq: 08 Nov 2022 13:29

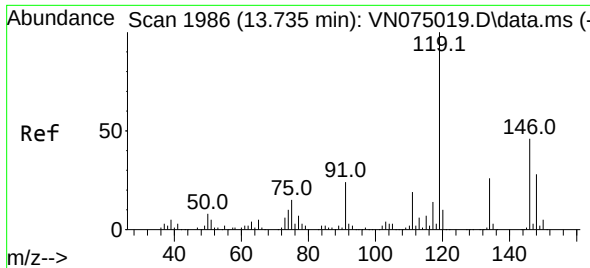
Tgt Ion:105 Resp: 8082

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#





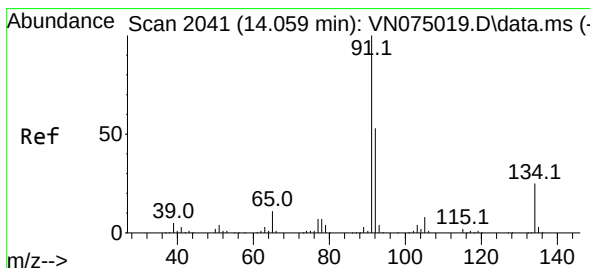
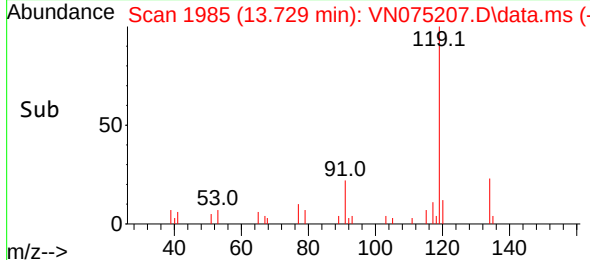
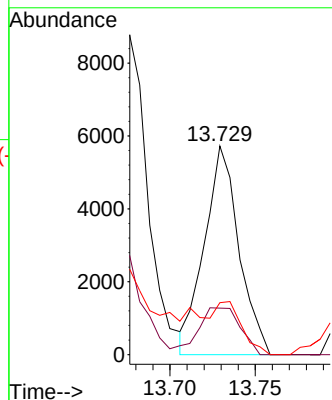
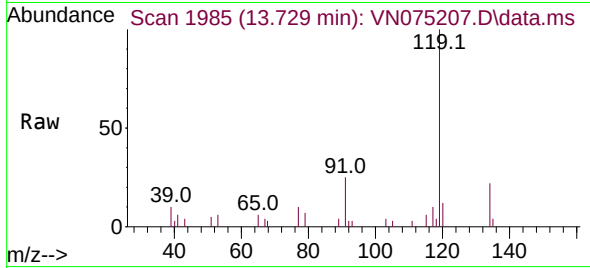
#86
p-Isopropyltoluene
Concen: 1.432 ug/l
RT: 13.729 min Scan# 1986
Delta R.T. -0.006 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
SV34211L

Tgt Ion:119 Resp: 8063
Ion Ratio Lower Upper
119 100
134 27.4 13.1 39.3
91 18.8 11.9 35.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#89
n-Butylbenzene
Concen: 2.212 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075207.D
Acq: 08 Nov 2022 13:29

Tgt Ion: 91 Resp: 10029
Ion Ratio Lower Upper
91 100
92 59.5 26.5 79.4
134 0.0 13.0 39.0#

