

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085295.D
 Acq On : 23 Dec 2024 15:37
 Operator : JC\MD
 Sample : P5371-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-C10-3-M

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	204753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	354047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	317295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	148236	41.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.840%		
35) Dibromofluoromethane	8.159	113	81455	32.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	65.440%#		
50) Toluene-d8	10.559	98	435397	47.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.841	95	169258	52.088	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.180%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	5259	1.805	ug/l	96
16) Acetone	4.424	43	33725	27.301	ug/l #	84
27) cis-1,2-Dichloroethene	7.483	96	99663	33.221	ug/l	86
30) Chloroform	7.959	83	16220	3.037	ug/l	91
39) Methylcyclohexane	9.600	83	3992	1.107	ug/l	86
40) Benzene	8.600	78	1895752	175.816	ug/l	99
44) Trichloroethene	9.347	130	7707	3.210	ug/l	93
52) Toluene	10.624	92	1838013	283.494	ug/l	100
67) Ethyl Benzene	11.959	91	9269155	758.213	ug/l	98
68) m/p-Xylenes	12.065	106	1220084	266.846	ug/l	99
69) o-Xylene	12.394	106	802299	186.682	ug/l	99
73) Isopropylbenzene	12.688	105	367644	34.462	ug/l	100
78) n-propylbenzene	13.029	91	142911	10.923	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	273738	30.764	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	1091643	120.020	ug/l	99
86) p-Isopropyltoluene	13.723	119	47347	6.417	ug/l #	73
95) Naphthalene	15.623	128	27181822m	3342.240	ug/l	

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

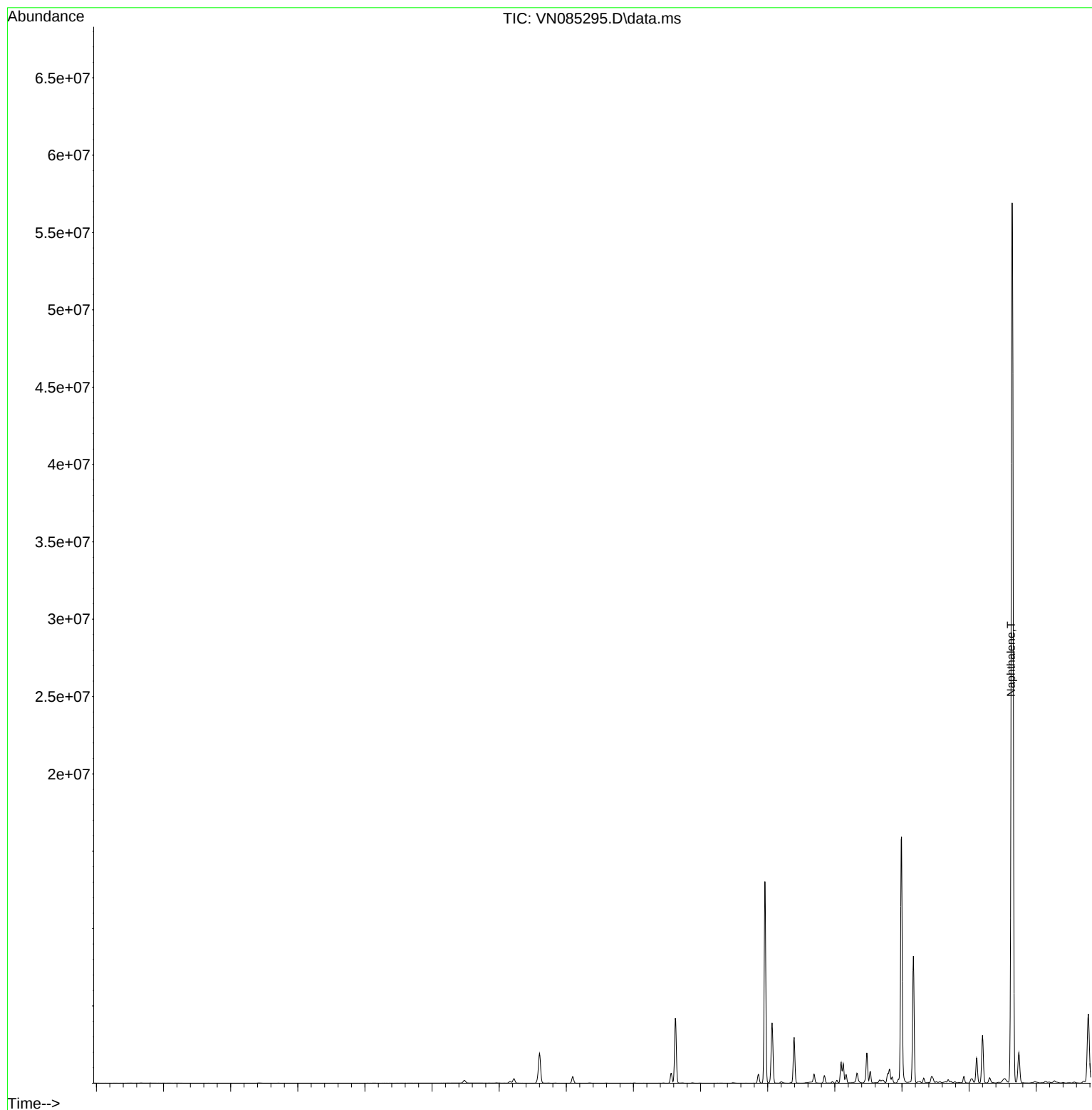
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085295.D
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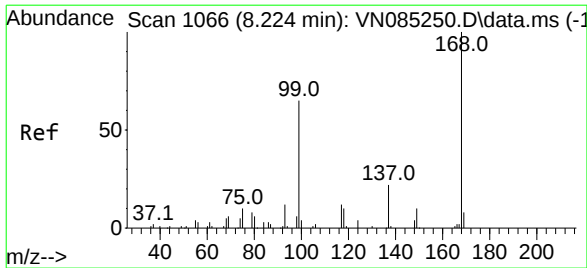
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

Quant Time: Dec 24 04:11:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
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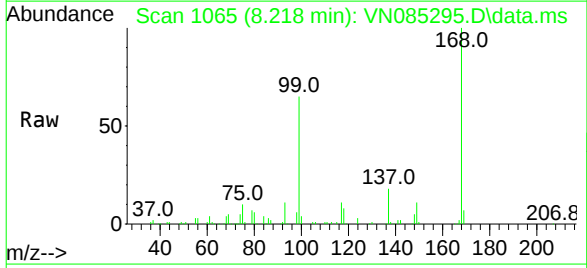
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

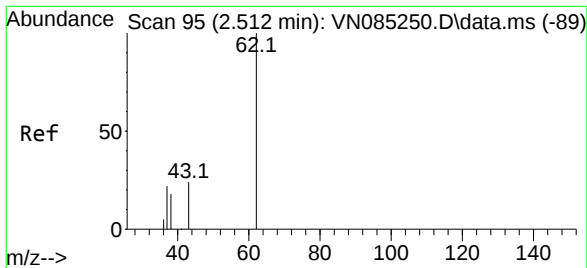
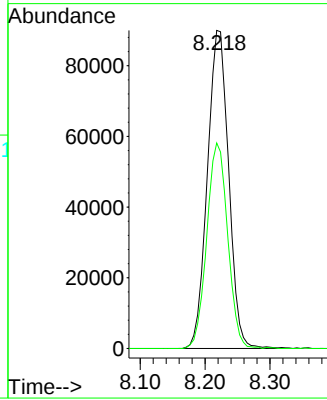
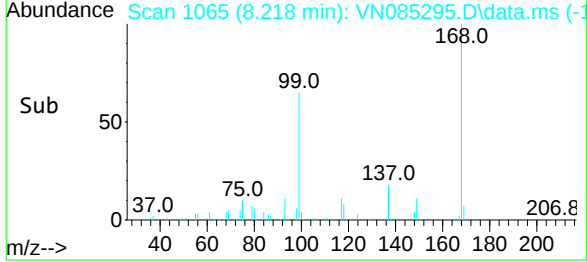
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



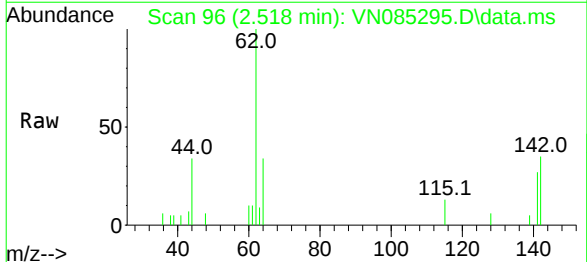
Tgt Ion: 168 Resp: 204753
Ion Ratio Lower Upper
168 100
99 64.6 50.7 76.1

Manual Integrations
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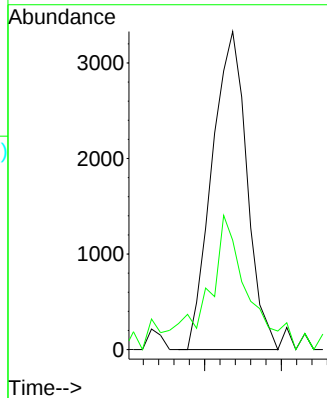
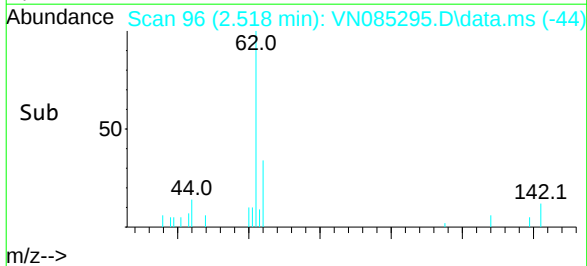
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

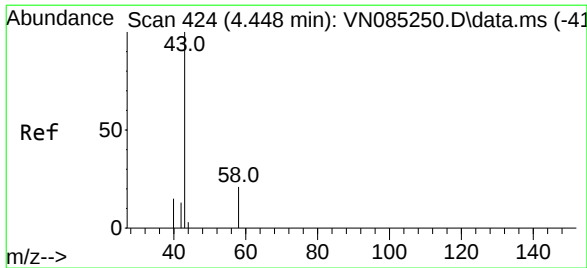


#4
Vinyl Chloride
Concen: 1.805 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37



Tgt Ion: 62 Resp: 5259
Ion Ratio Lower Upper
62 100
64 28.5 24.5 36.7





#16

Acetone

Concen: 27.301 ug/l

RT: 4.424 min Scan# 42

Delta R.T. -0.000 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M

Tgt Ion: 43 Resp: 33725

Ion Ratio Lower Upper

43 100

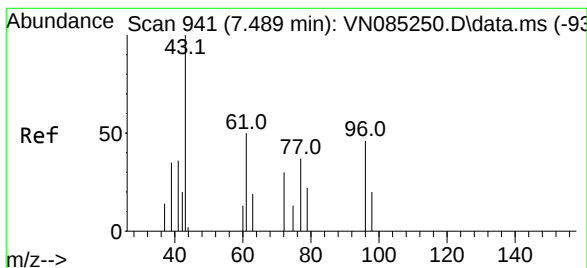
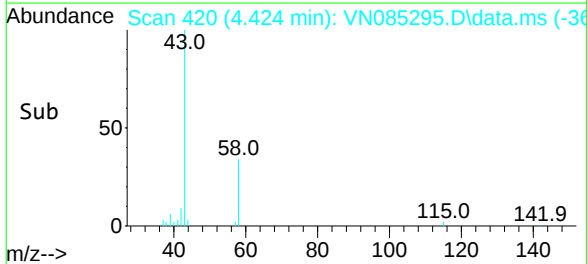
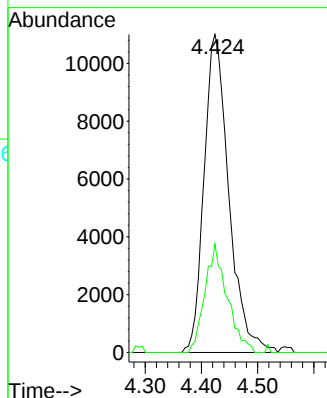
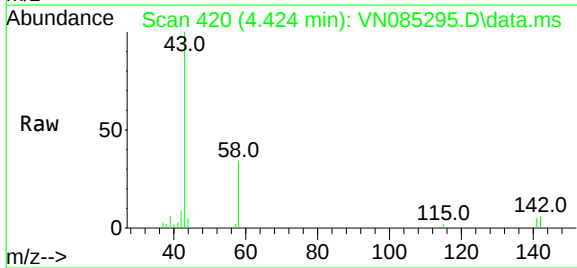
58 34.1 20.8 31.2#

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#27

cis-1,2-Dichloroethene

Concen: 33.221 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

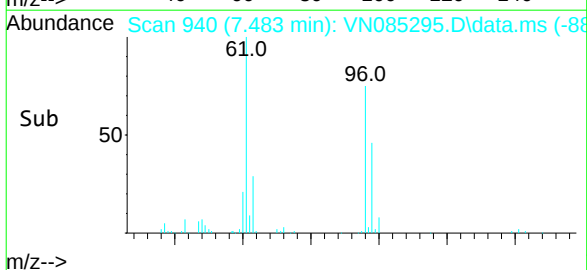
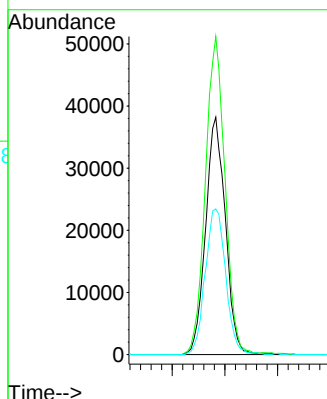
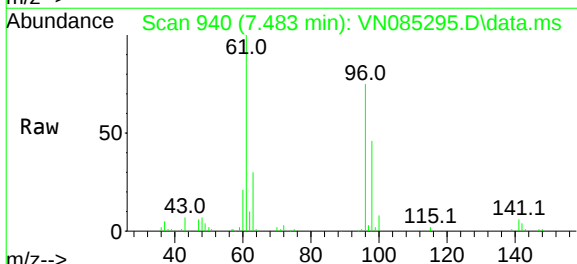
Tgt Ion: 96 Resp: 99663

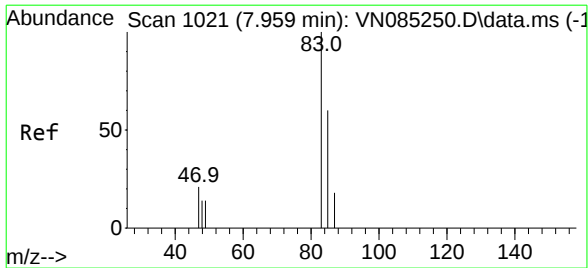
Ion Ratio Lower Upper

96 100

61 132.6 0.0 316.4

98 63.8 0.0 125.4





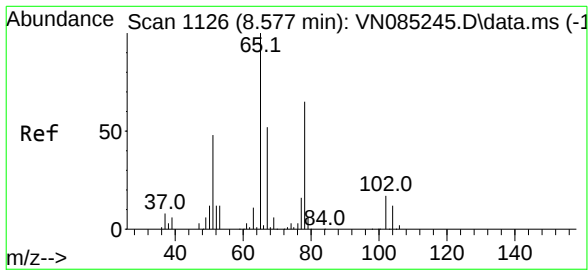
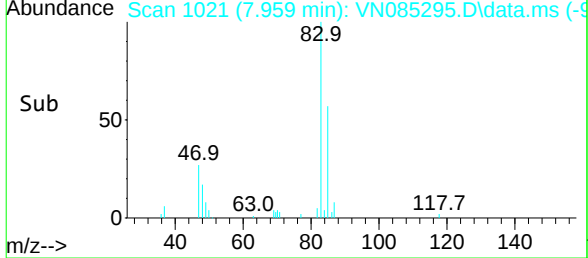
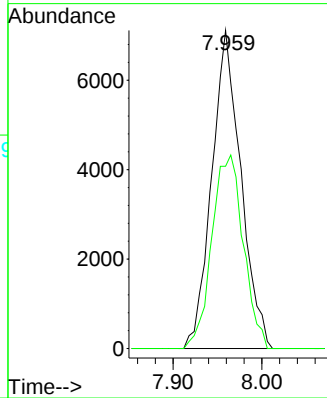
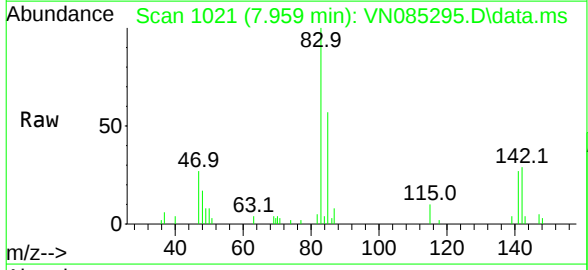
#30
Chloroform
Concen: 3.037 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

Tgt Ion: 83 Resp: 16220
Ion Ratio Lower Upper
83 100
85 57.3 51.4 77.0

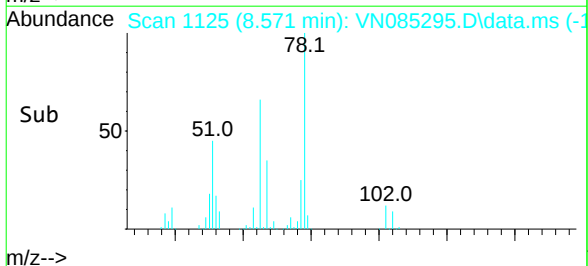
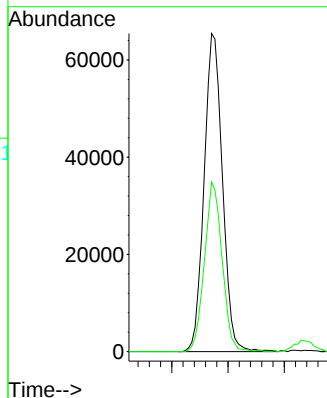
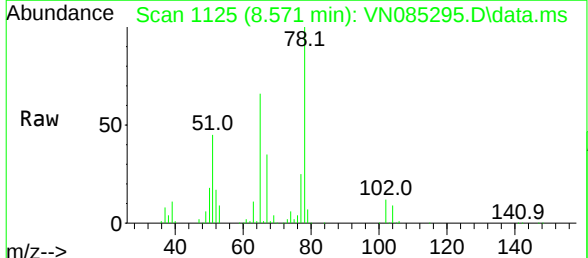
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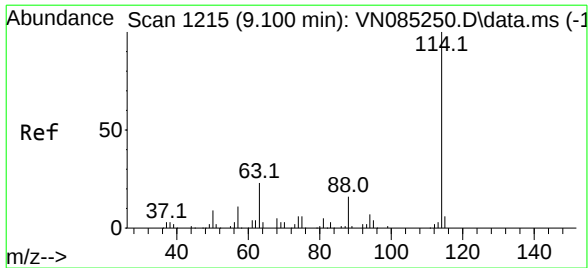
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#33
1,2-Dichloroethane-d4
Concen: 41.421 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

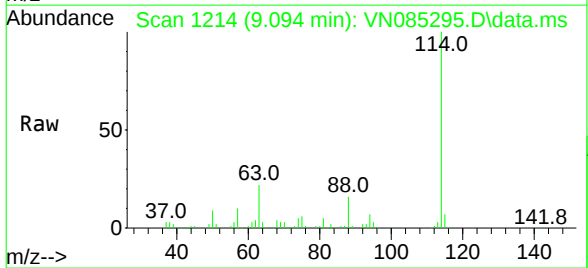
Tgt Ion: 65 Resp: 148236
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

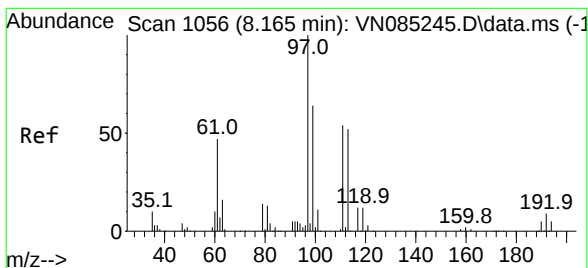
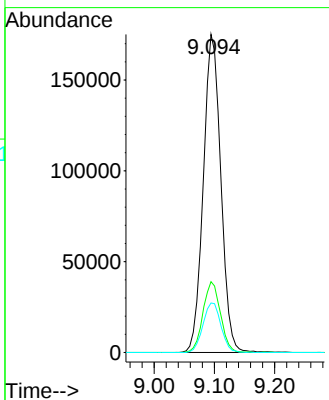
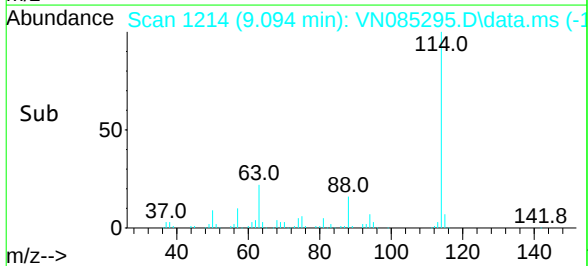


Tgt Ion:114 Resp: 354047

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.2
88	15.6	0.0	32.6

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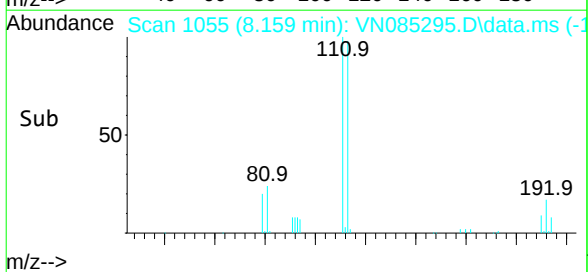
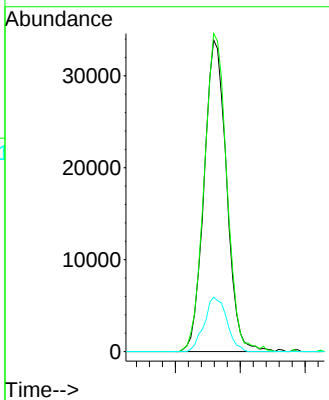
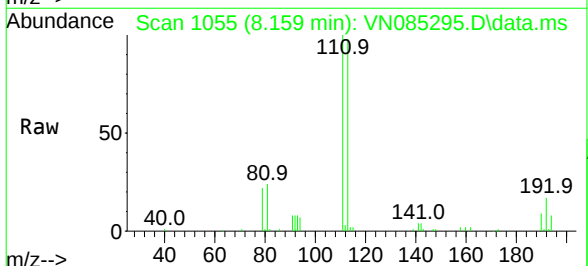
Reviewed By :John Carlone 12/26/2024
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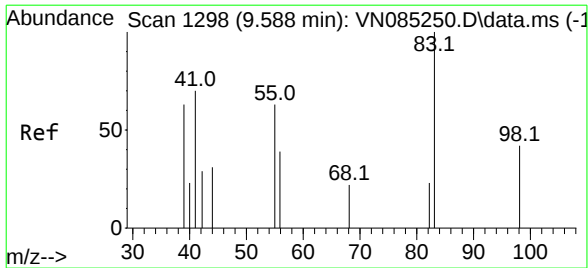


#35
Dibromofluoromethane
Concen: 32.724 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion:113 Resp: 81455

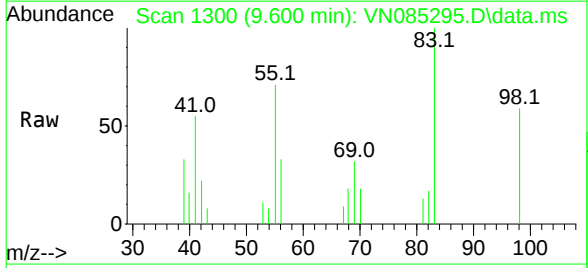
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	17.4	13.4	20.0





#39
Methylcyclohexane
Concen: 1.107 ug/l
RT: 9.600 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

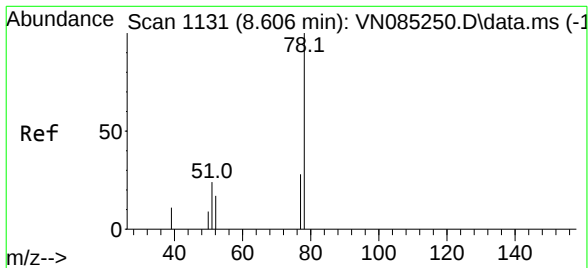
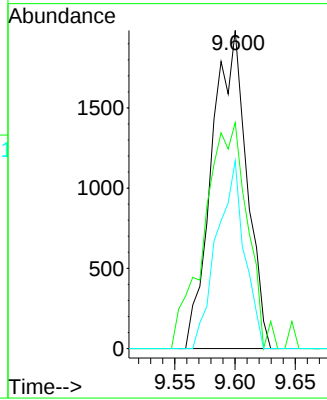
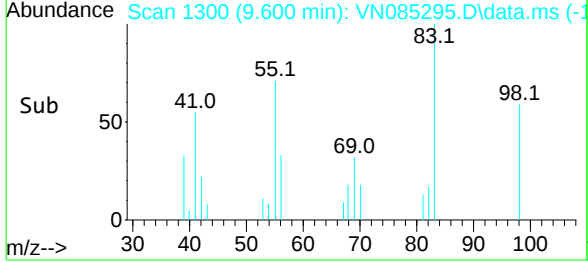
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



Tgt Ion: 83 Resp: 3992
Ion Ratio Lower Upper
83 100
55 71.0 66.8 100.2
98 59.0 39.4 59.2

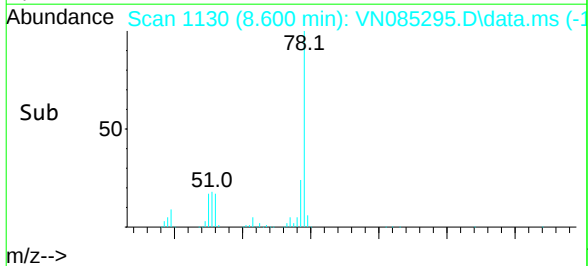
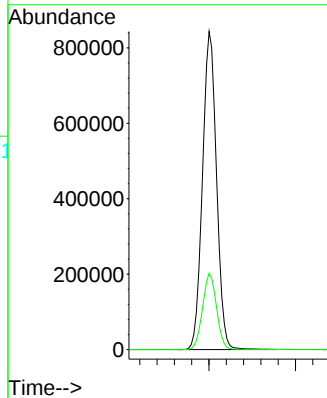
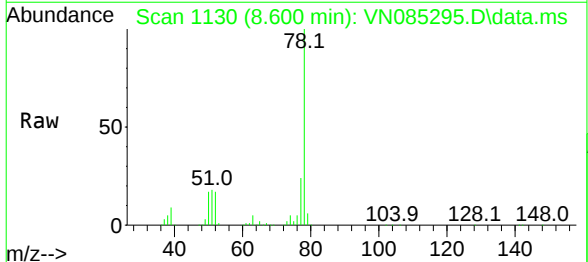
Manual Integrations
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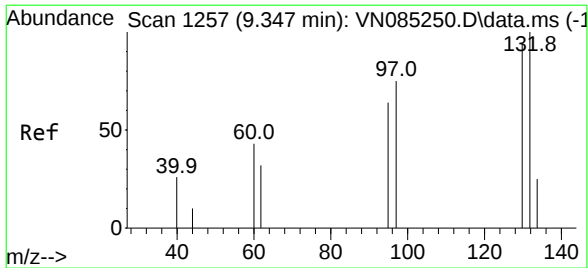
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 175.816 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

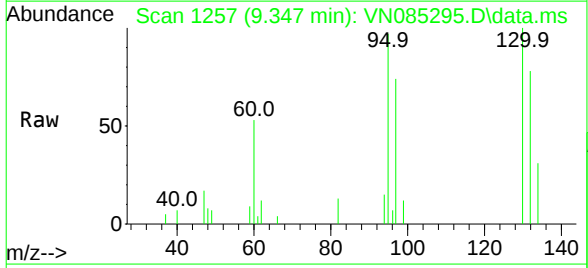
Tgt Ion: 78 Resp: 1895752
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3





#44
Trichloroethene
Concen: 3.210 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

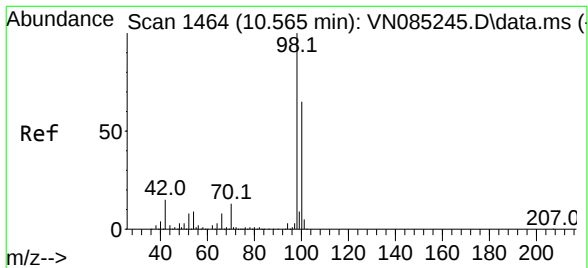
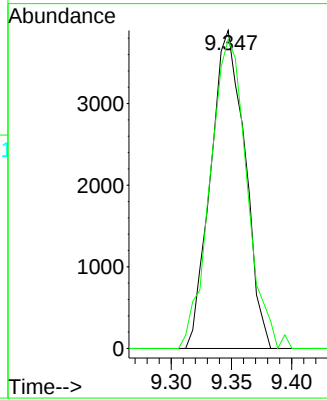
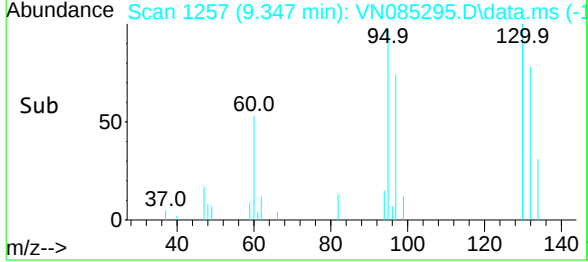
Instrument :
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SPLP-C10-3-M



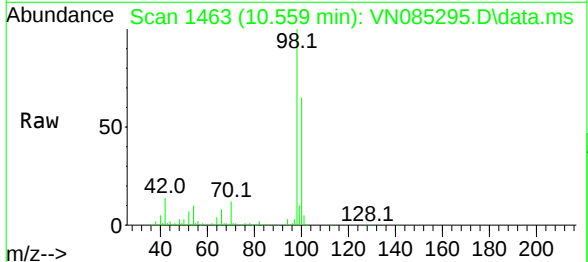
Tgt Ion:130 Resp: 7707
Ion Ratio Lower Upper
130 100
95 97.2 0.0 207.6

Manual Integrations
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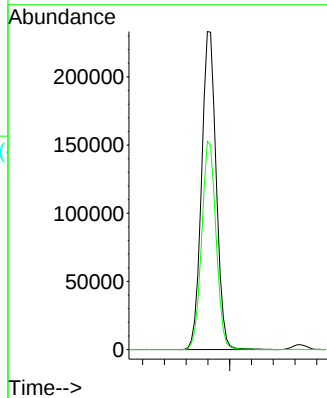
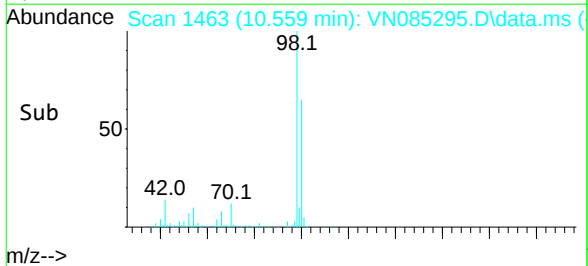
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

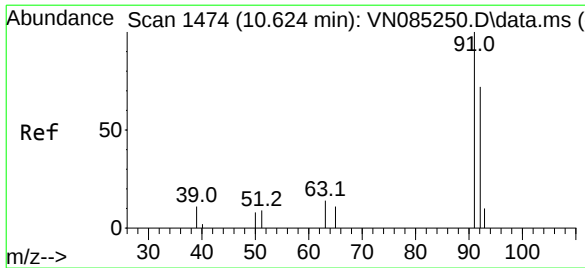


#50
Toluene-d8
Concen: 47.858 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37



Tgt Ion: 98 Resp: 435397
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#52

Toluene

Concen: 283.494 ug/l

RT: 10.624 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085295.D

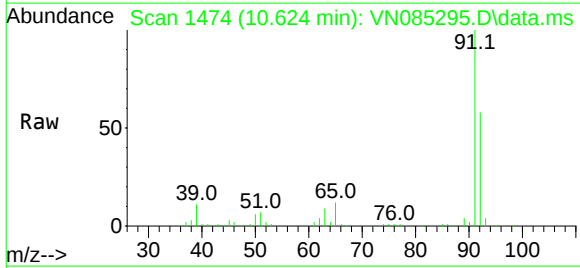
Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

SPLP-C10-3-M



Tgt Ion: 92 Resp: 1838013

Ion Ratio Lower Upper

92 100

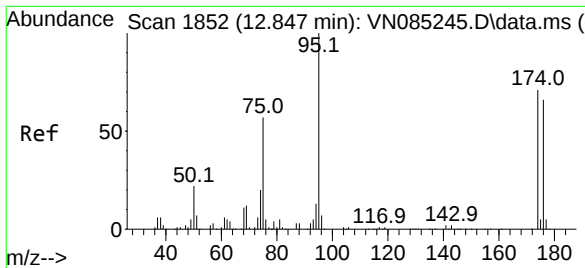
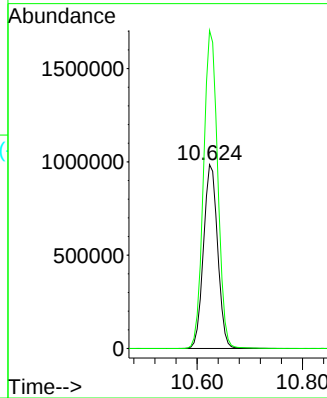
91 173.5 138.9 208.3

Manual Integrations

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Supervised By :Mahesh Dadoda 12/26/2024



#62

4-Bromofluorobenzene

Concen: 52.088 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

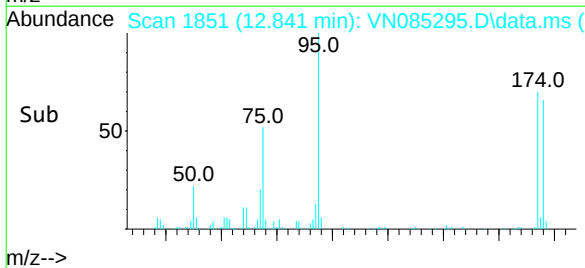
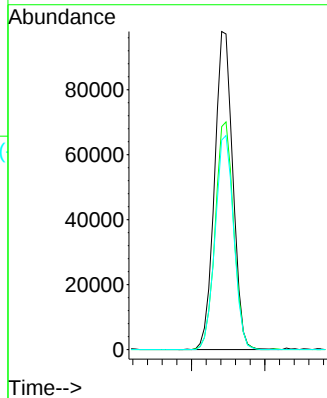
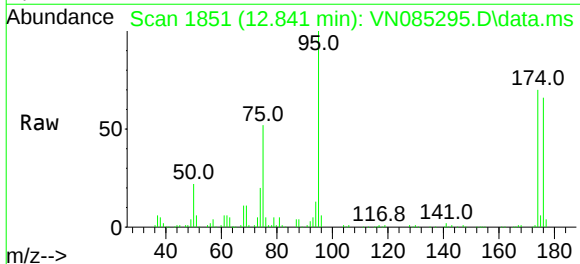
Tgt Ion: 95 Resp: 169258

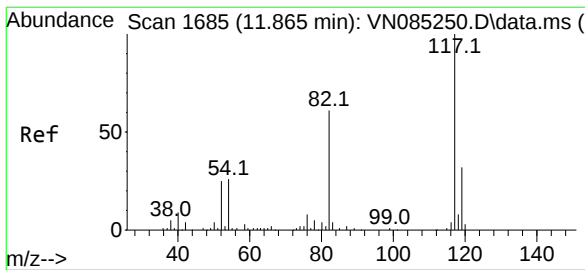
Ion Ratio Lower Upper

95 100

174 71.8 0.0 144.4

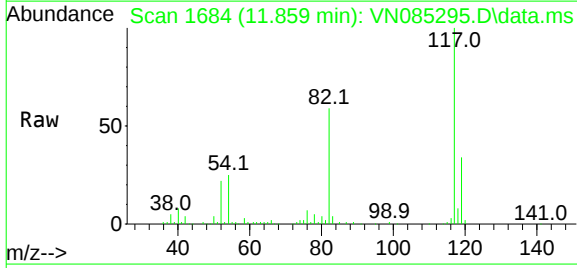
176 68.0 0.0 136.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

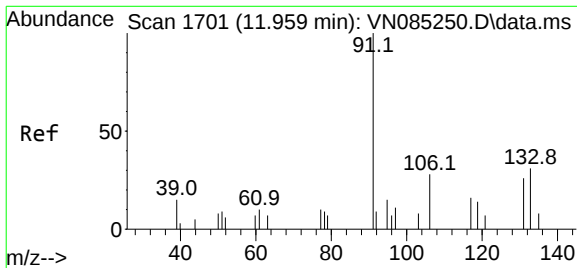
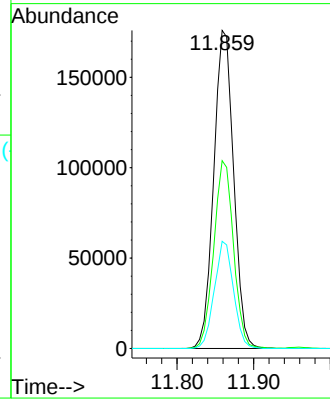
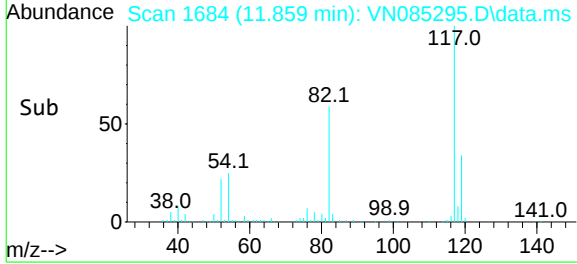
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



Tgt Ion: 117 Resp: 317295
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 33.7 25.6 38.4

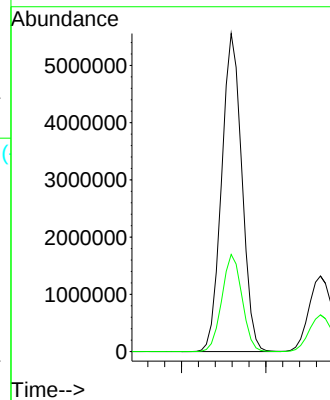
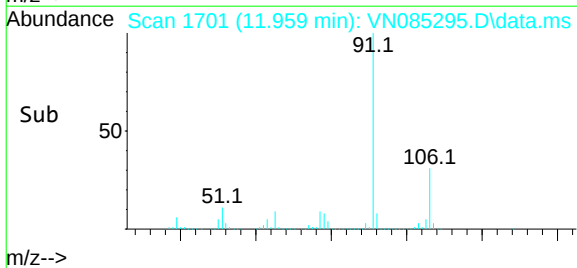
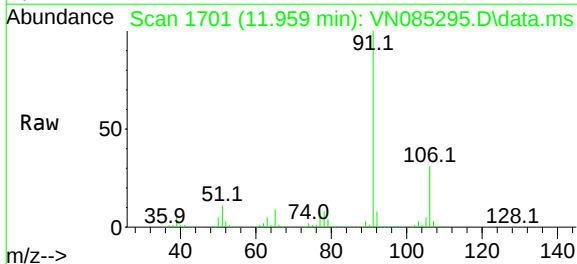
Manual Integrations
APPROVED

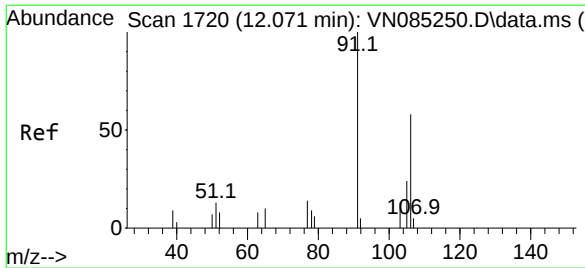
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#67
Ethyl Benzene
Concen: 758.213 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

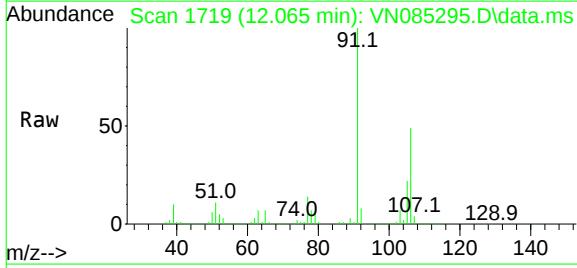
Tgt Ion: 91 Resp: 9269155
Ion Ratio Lower Upper
91 100
106 30.5 23.5 35.3





#68
m/p-Xylenes
Concen: 266.846 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

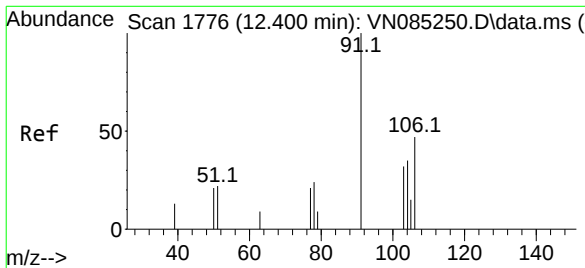
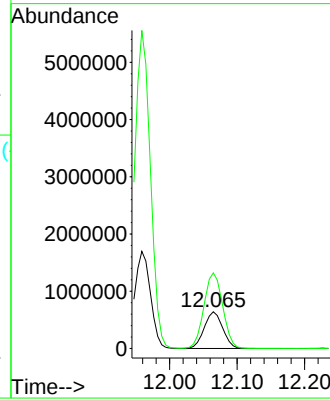
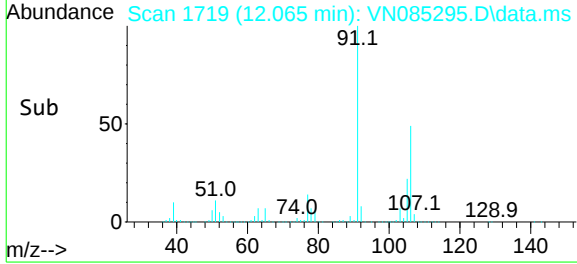
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



Tgt Ion:106 Resp: 1220084
Ion Ratio Lower Upper
106 100
91 208.4 168.3 252.5

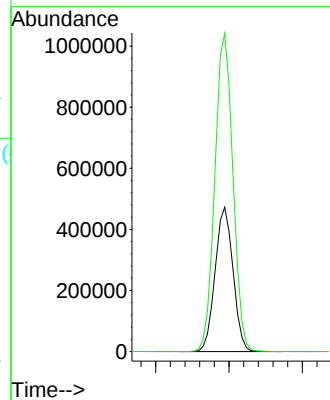
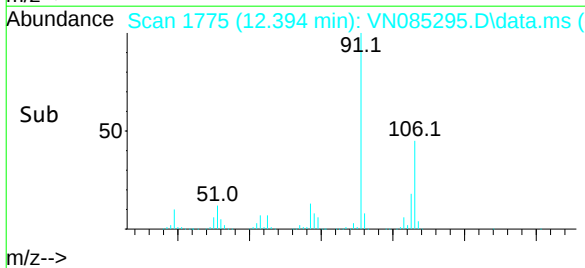
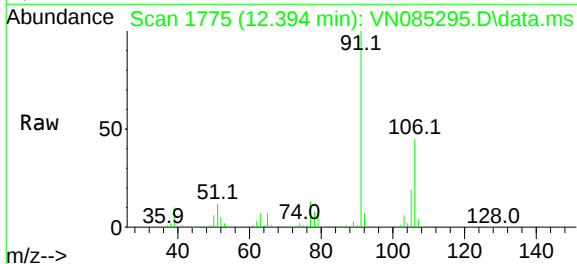
Manual Integrations
APPROVED

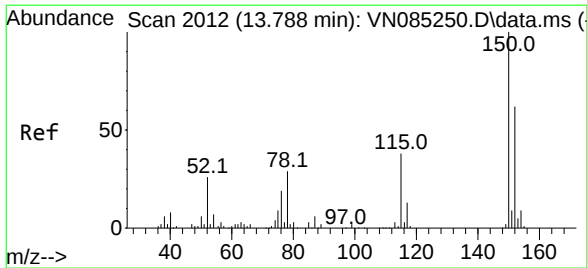
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#69
o-Xylene
Concen: 186.682 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

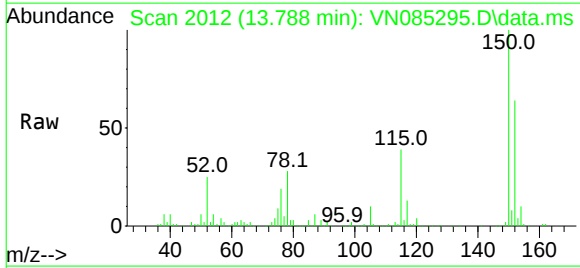
Tgt Ion:106 Resp: 802299
Ion Ratio Lower Upper
106 100
91 222.1 112.1 336.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

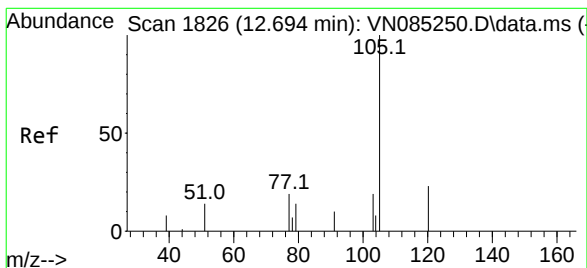
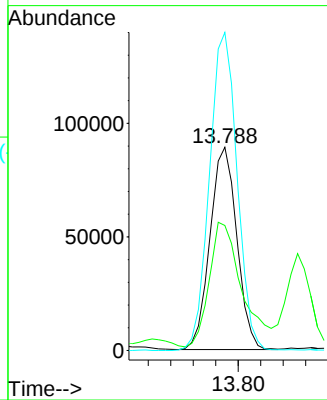
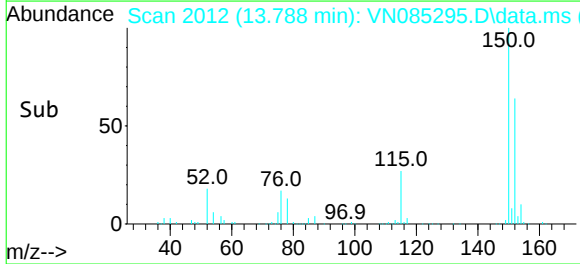
Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



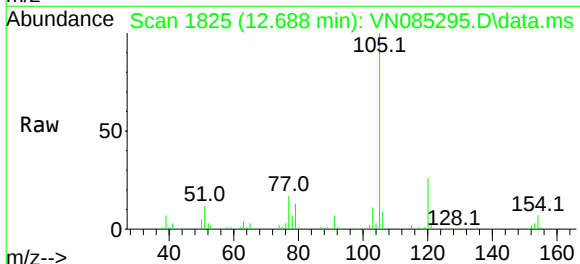
Tgt Ion:152 Resp: 147884
Ion Ratio Lower Upper
152 100
115 74.6 32.1 96.3
150 161.8 0.0 354.6

Manual Integrations
APPROVED

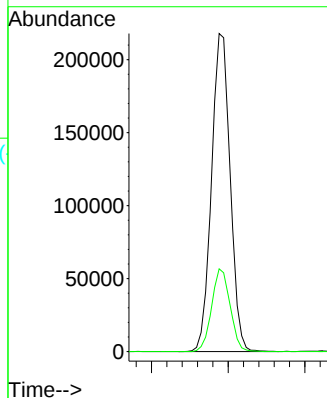
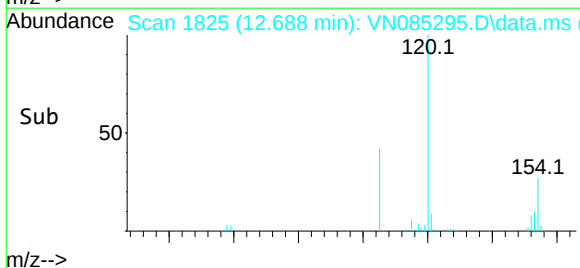
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

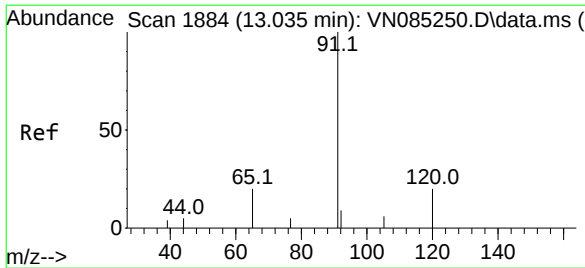


#73
Isopropylbenzene
Concen: 34.462 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37



Tgt Ion:105 Resp: 367644
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9





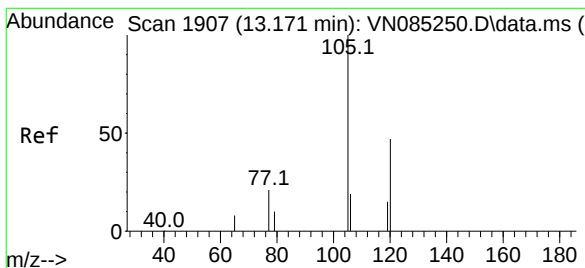
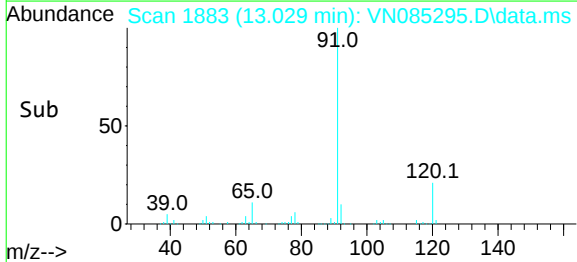
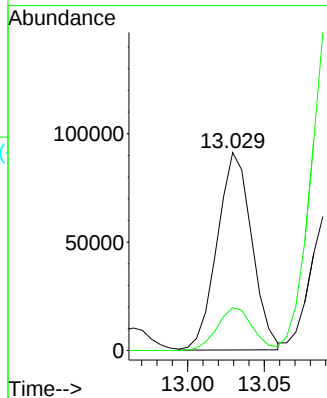
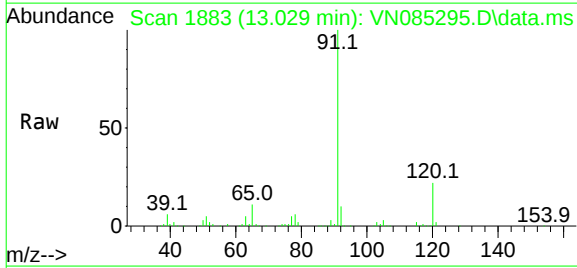
#78
n-propylbenzene
Concen: 10.923 ug/l
RT: 13.029 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

Tgt Ion: 91 Resp: 142911
Ion Ratio Lower Upper
91 100
120 22.4 10.8 32.3

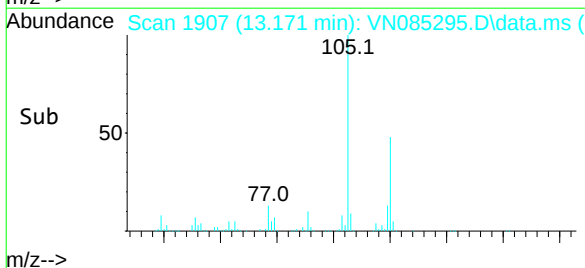
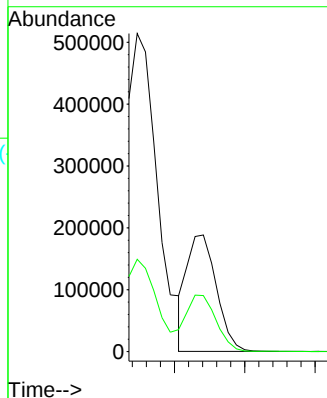
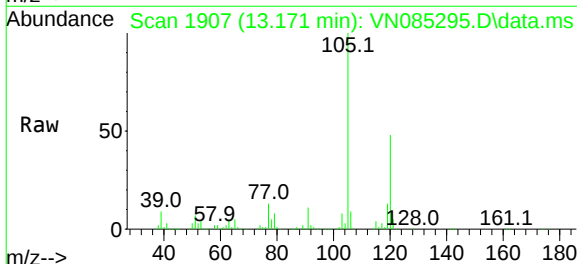
Manual Integrations
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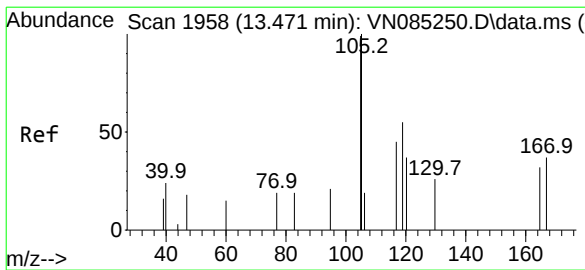
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 30.764 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion:105 Resp: 273738
Ion Ratio Lower Upper
105 100
120 51.9 23.4 70.2





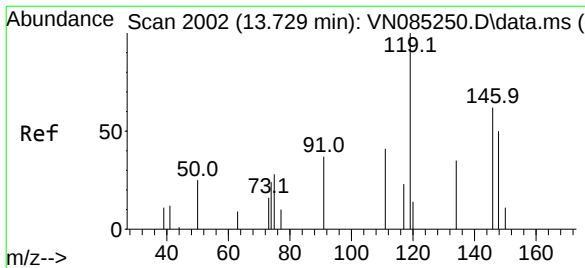
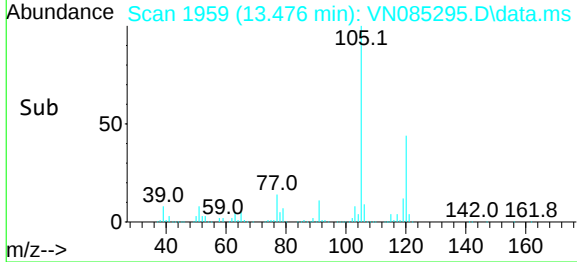
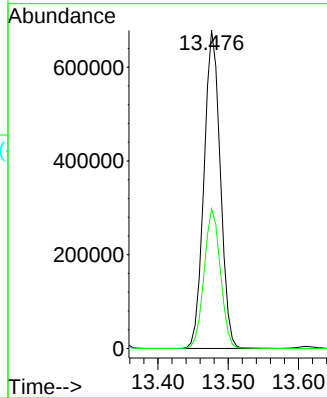
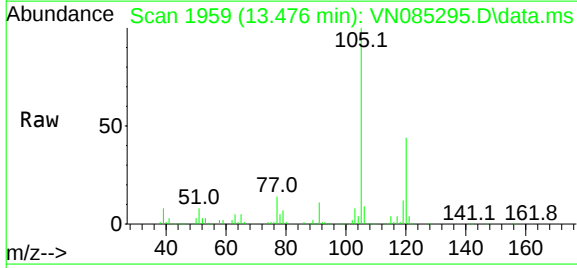
#84
1,2,4-Trimethylbenzene
Concen: 120.020 ug/l
RT: 13.476 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M

Tgt Ion:105 Resp: 1091643
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3

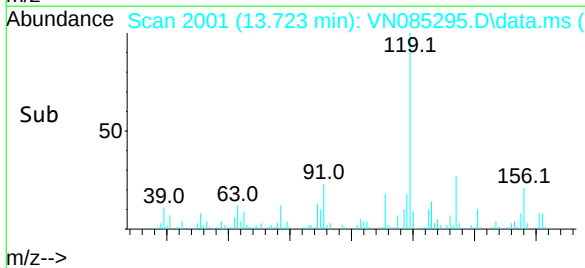
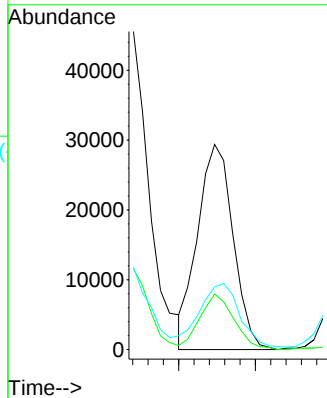
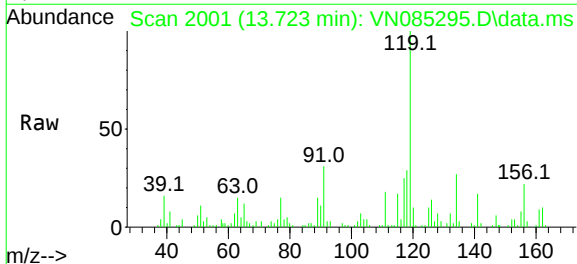
Manual Integrations
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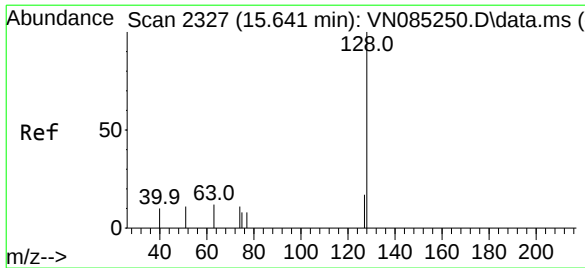
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#86
p-Isopropyltoluene
Concen: 6.417 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

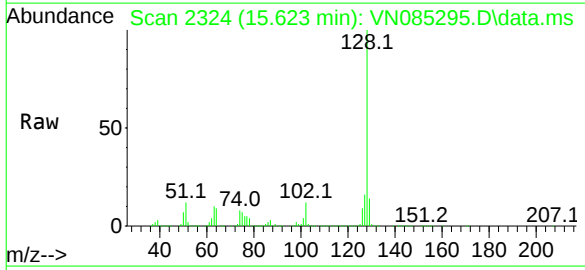
Tgt Ion:119 Resp: 47347
Ion Ratio Lower Upper
119 100
134 26.1 12.5 37.5
91 0.0 13.0 38.9#





#95
Naphthalene
Concen: 3342.240 ug/l m
RT: 15.623 min Scan# 23
Delta R.T. -0.018 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :
SPLP-C10-3-M



Tgt Ion:128 Resp:27181822

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

