

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085036.D
 Acq On : 26 Nov 2024 11:21
 Operator : JC\MD
 Sample : VN1126MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126MBL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 05:09:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	148590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113818	53.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.560%			
35) Dibromofluoromethane	8.159	113	90992	50.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	10.565	98	302793	47.196	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.400%			
62) 4-Bromofluorobenzene	12.847	95	106149	44.243	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.480%			
Target Compounds						
82) 4-Chlorotoluene	13.218	91	6074	1.180	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	5024	1.474	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	6234m	1.793	ug/l	
89) n-Butylbenzene	14.059	91	5571	1.159	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	3510	1.075	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	4355	2.455	ug/l	95
95) Naphthalene	15.641	128	11834	2.342	ug/l	95
96) 1,2,3-Trichlorobenzene	15.847	180	4429	2.617	ug/l	97

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

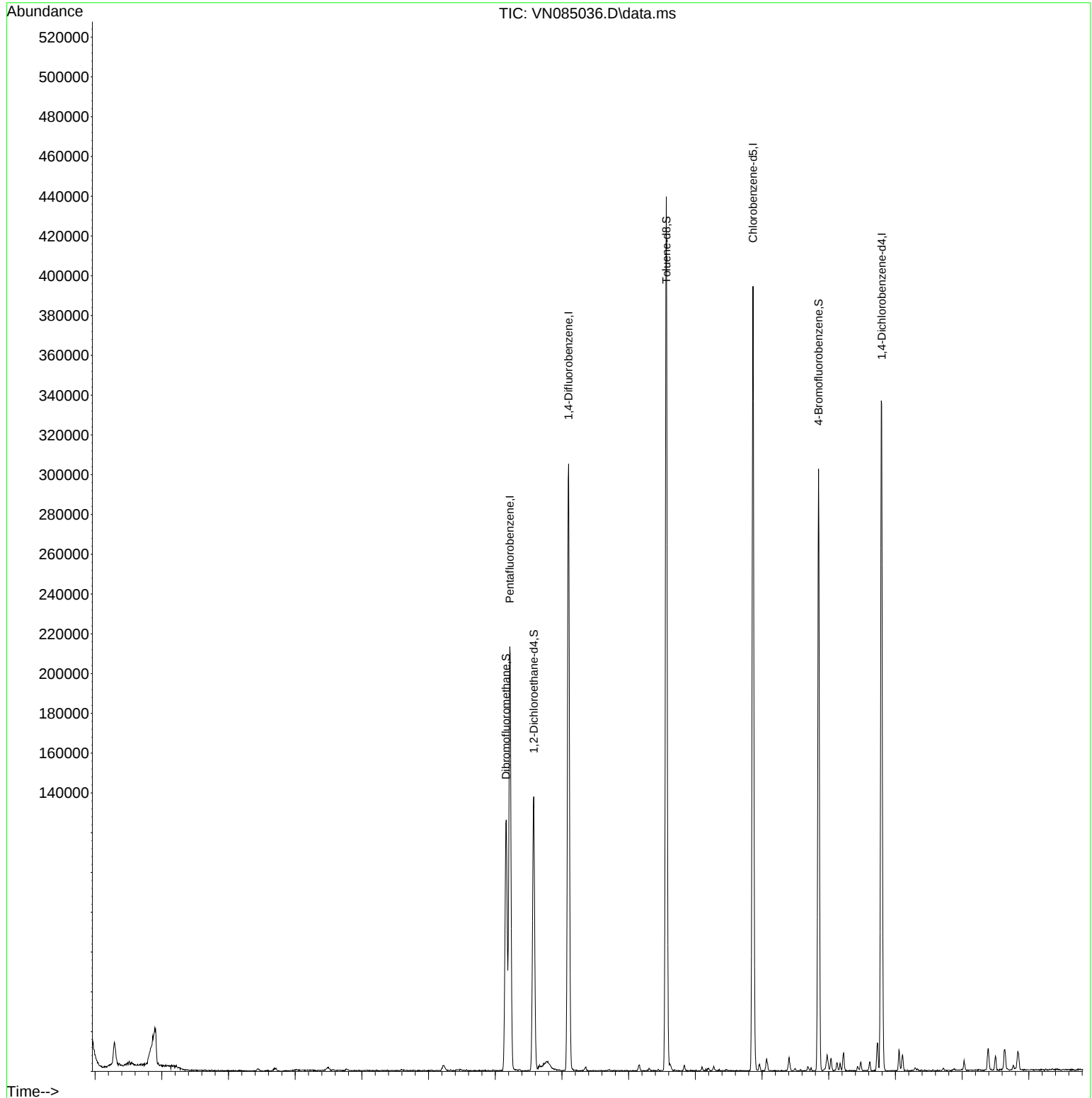
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
Data File : VN085036.D
Acq On : 26 Nov 2024 11:21
Operator : JC\MD
Sample : VN1126MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

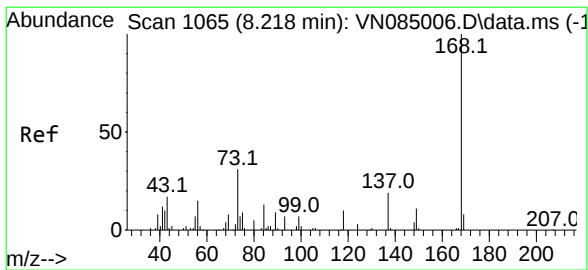
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL01

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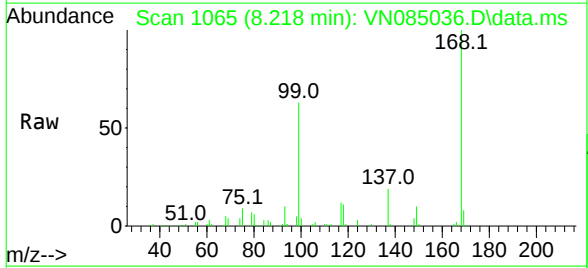
Quant Time: Nov 27 05:09:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

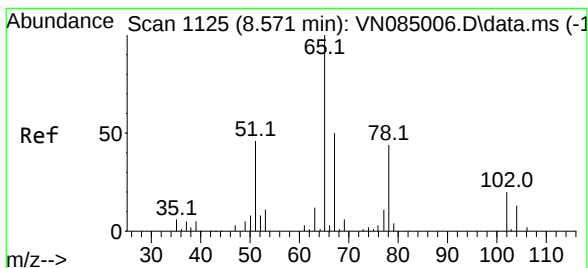
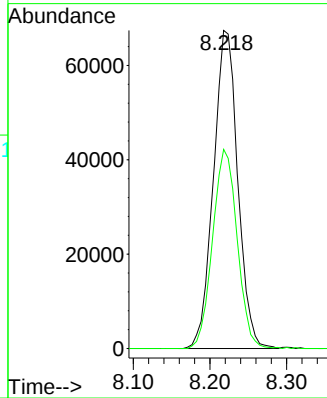
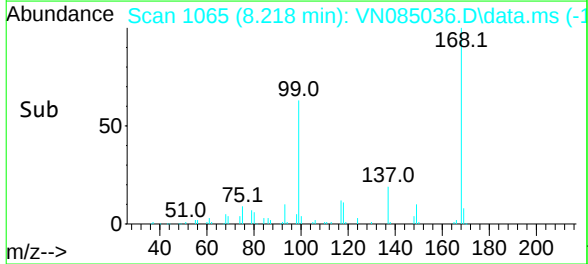
Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL01



Tgt Ion: 168 Resp: 148590
Ion Ratio Lower Upper
168 100
99 62.6 51.2 76.8

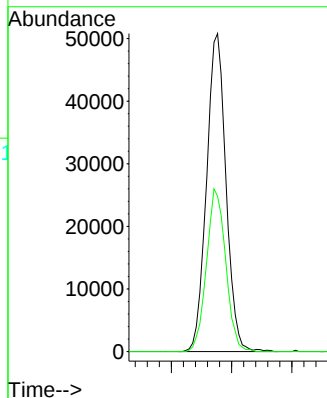
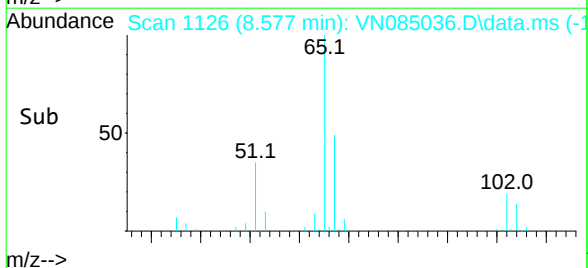
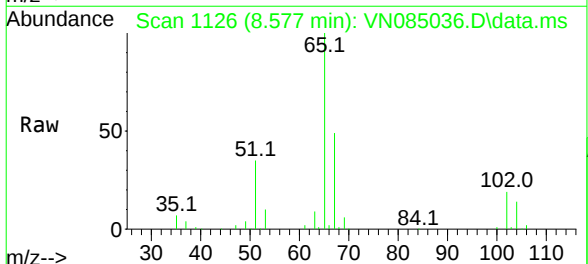
Manual Integrations
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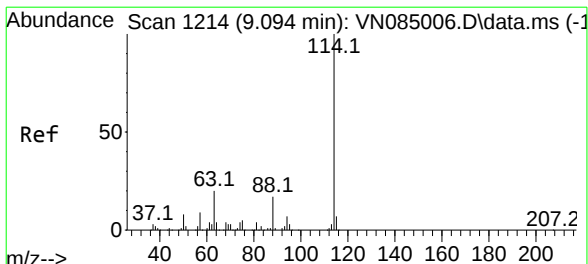
Reviewed By : John Carlone 11/27/2024
Supervised By : Mahesh Dadoda 11/27/2024



#33
1,2-Dichloroethane-d4
Concen: 53.775 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion: 65 Resp: 113818
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.0





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

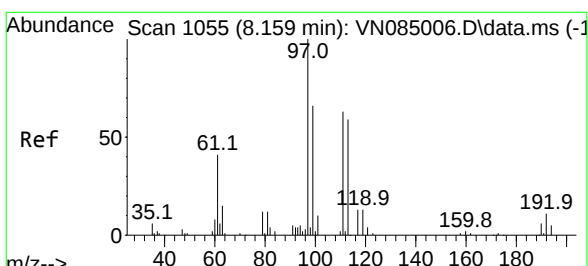
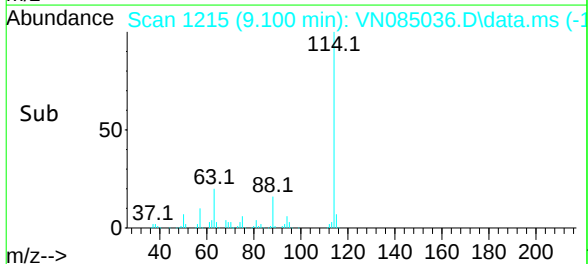
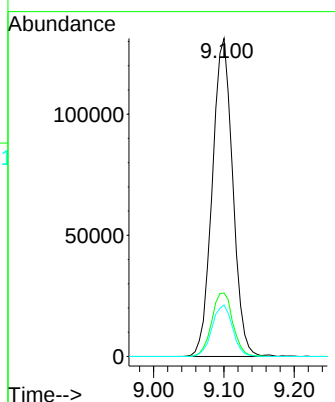
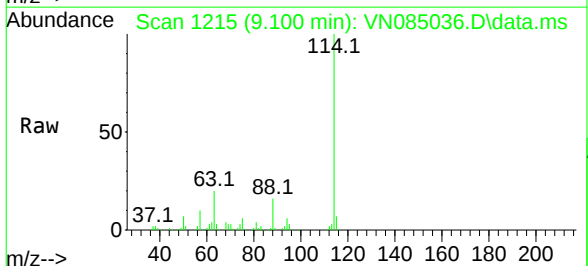
ClientSampleId :

VN1126MBL01

Tgt Ion:	114	Resp:	265463
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.0
88	16.2	0.0	34.8

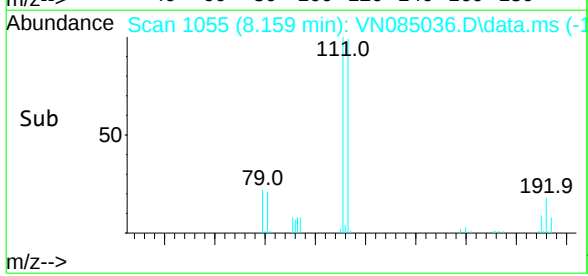
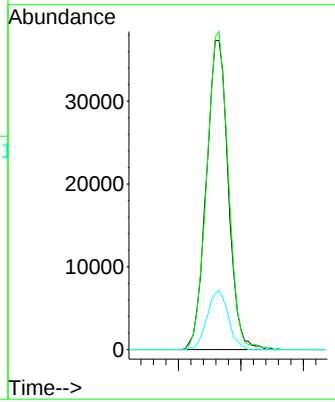
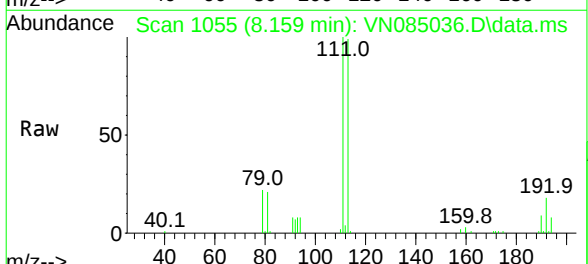
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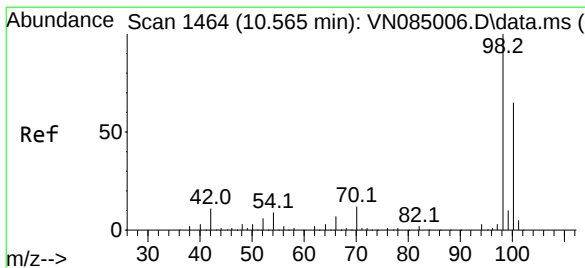
Reviewed By :John Carlone 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024



#35
 Dibromofluoromethane
 Concen: 50.828 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085036.D
 Acq: 26 Nov 2024 11:21

Tgt Ion:	113	Resp:	90992
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.0	123.0
192	18.4	14.8	22.2





#50

Toluene-d8

Concen: 47.196 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBL01

Tgt Ion: 98 Resp: 302793

Ion Ratio Lower Upper

98 100

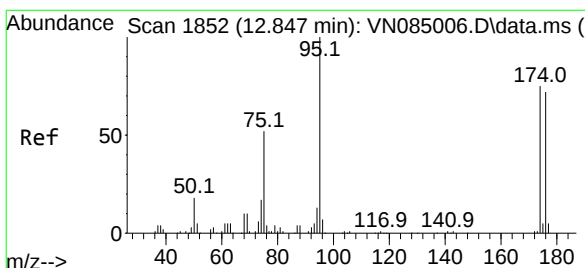
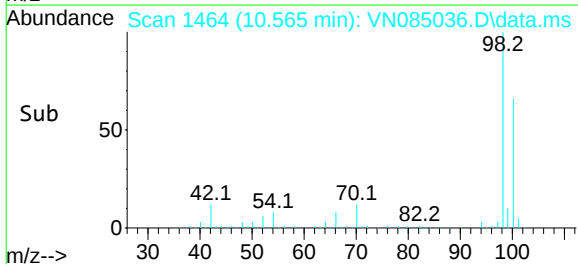
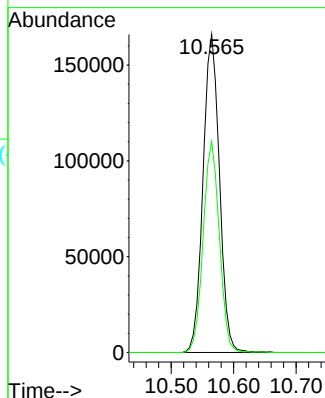
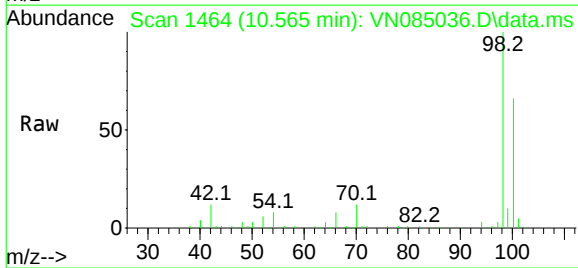
100 65.4 52.5 78.7

Manual Integrations

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Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#62

4-Bromofluorobenzene

Concen: 44.243 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

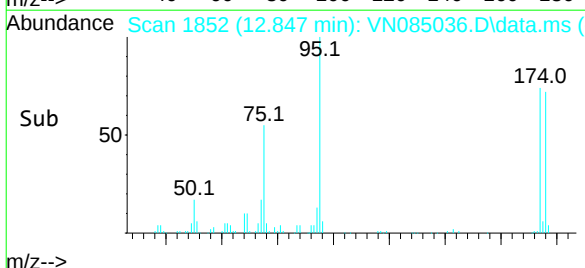
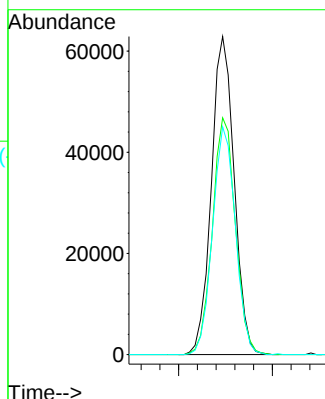
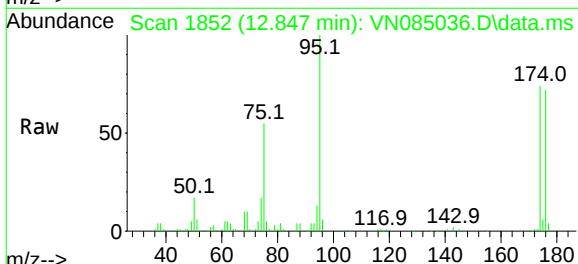
Tgt Ion: 95 Resp: 106149

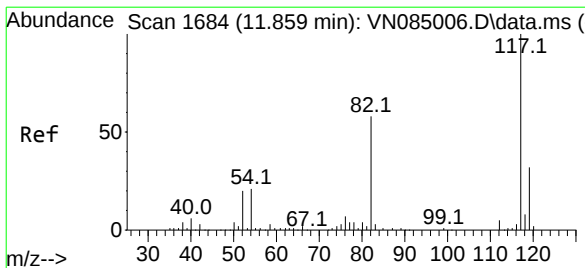
Ion Ratio Lower Upper

95 100

174 75.2 0.0 146.6

176 71.7 0.0 141.8





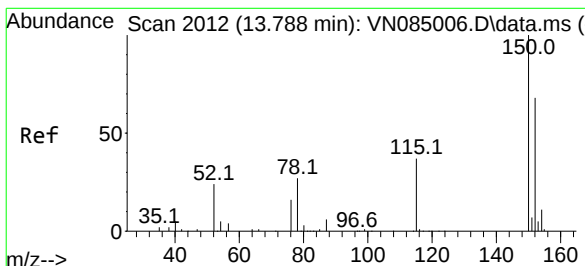
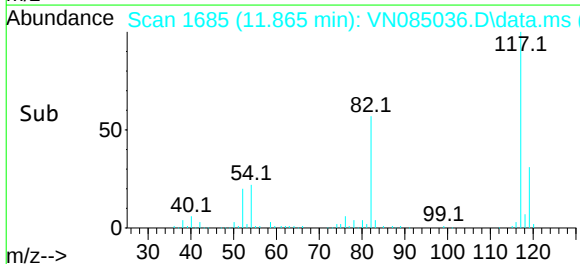
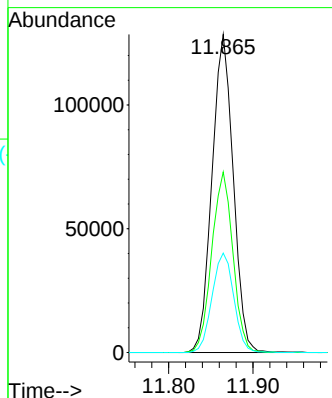
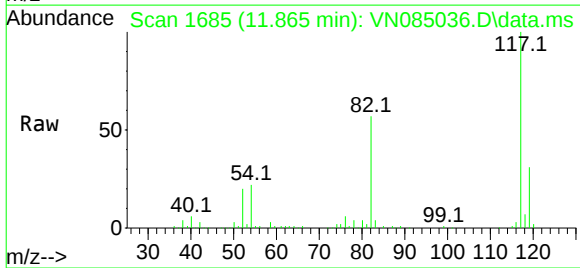
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL01

Tgt Ion:117 Resp: 225040
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 31.2 25.6 38.4

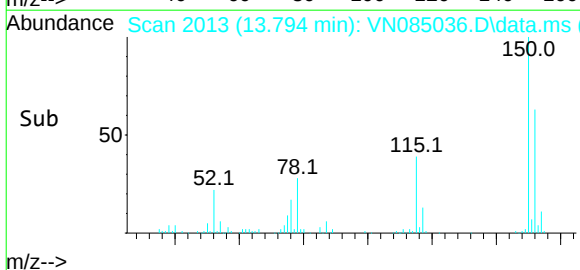
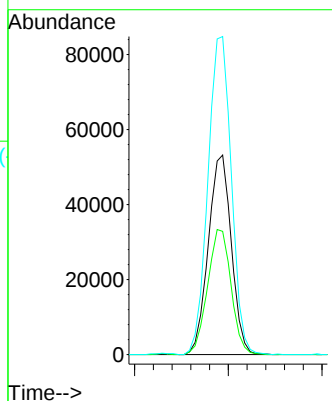
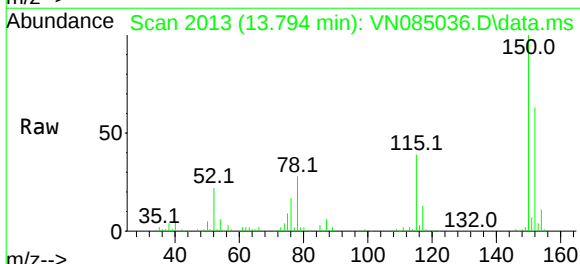
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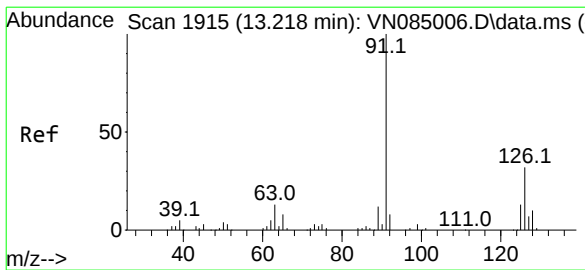
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion:152 Resp: 90999
Ion Ratio Lower Upper
152 100
115 63.7 31.7 95.1
150 161.9 0.0 351.4





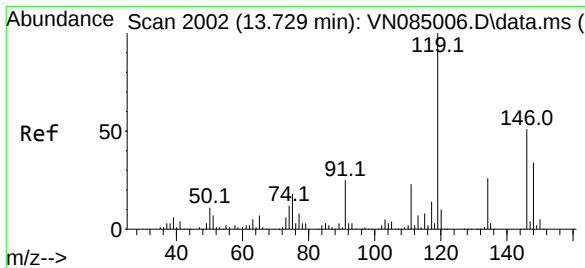
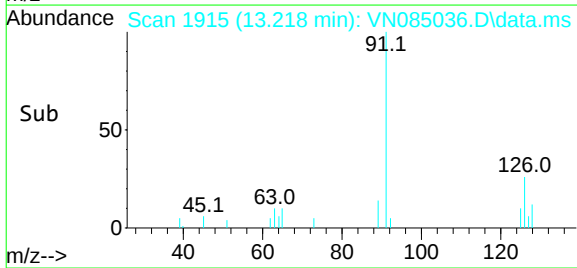
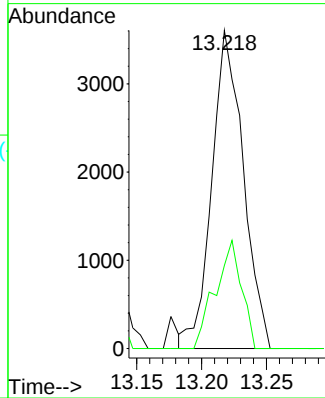
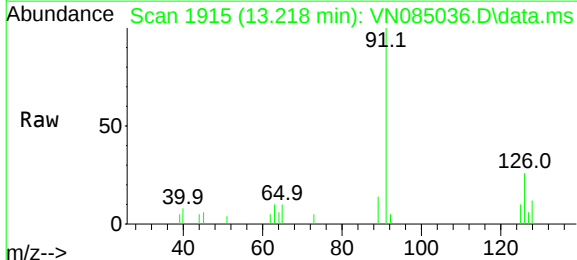
#82
4-Chlorotoluene
Concen: 1.180 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL01

Tgt Ion: 91 Resp: 6074
Ion Ratio Lower Upper
91 100
126 28.4 16.1 48.3

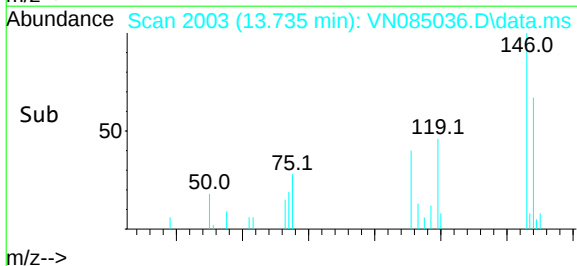
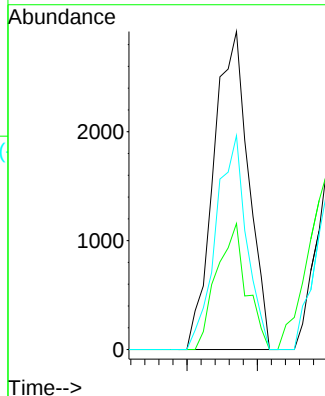
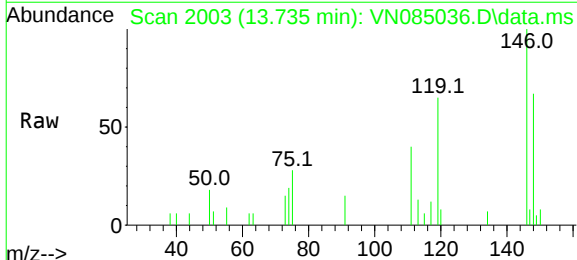
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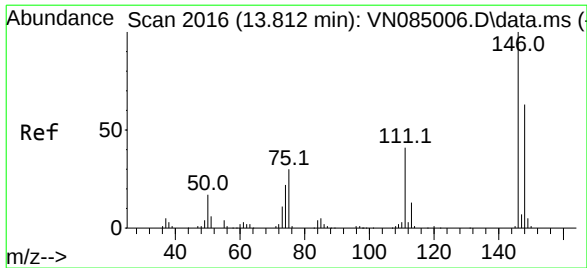
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#87
1,3-Dichlorobenzene
Concen: 1.474 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion:146 Resp: 5024
Ion Ratio Lower Upper
146 100
111 34.0 21.6 65.0
148 59.4 32.2 96.6





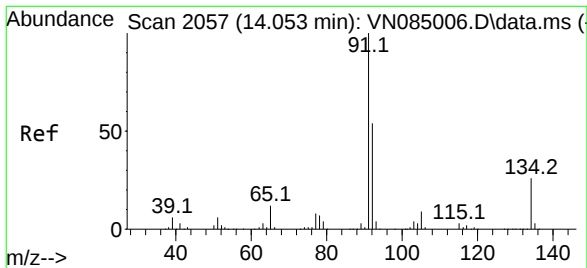
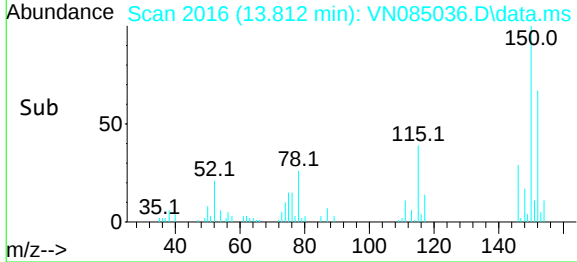
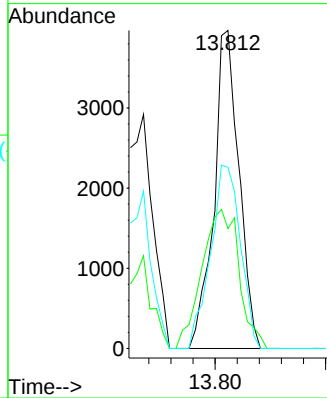
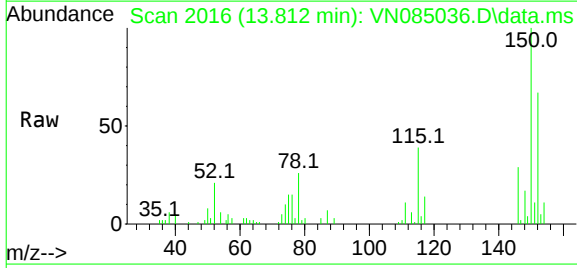
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1,4-Dichlorobenzene
Concen: 1.793 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL01

Tgt	Ion:146	Resp:	6234
Ion	Ratio	Lower	Upper
146	100		
111	27.4	20.9	62.8
148	47.9	31.3	93.9

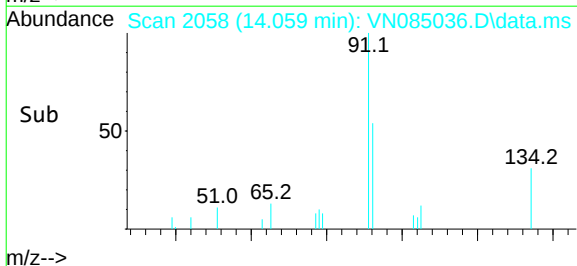
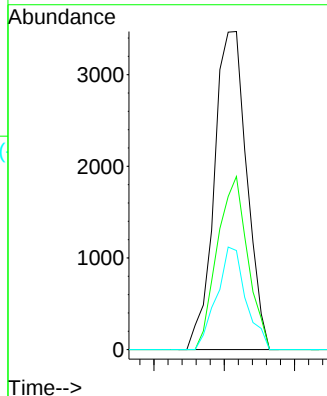
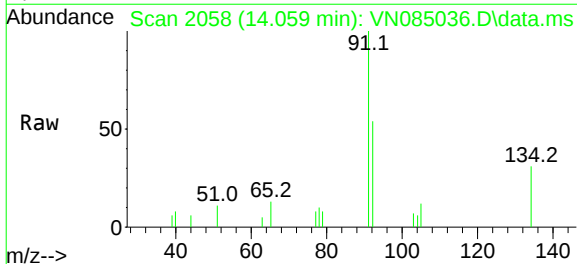
Manual Integrations
APPROVED

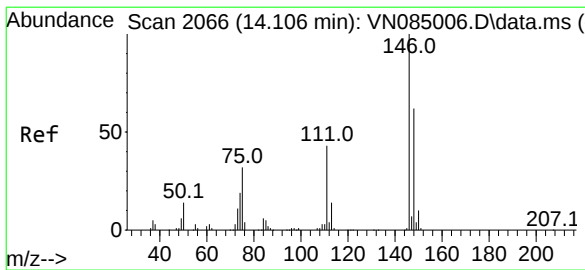
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#89
n-Butylbenzene
Concen: 1.159 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt	Ion: 91	Resp:	5571
Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.8	80.3
134	28.9	12.8	38.4





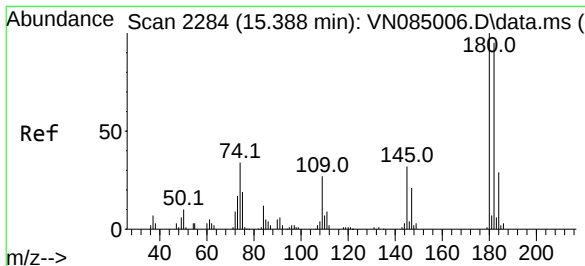
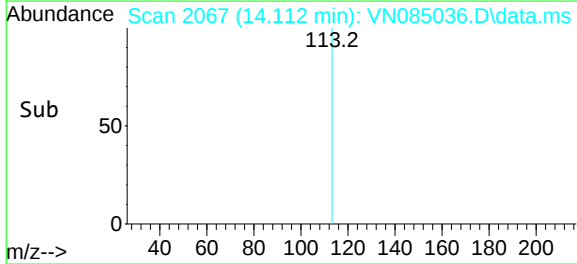
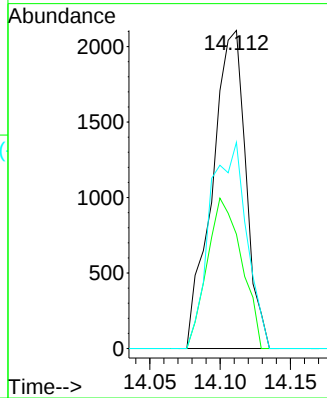
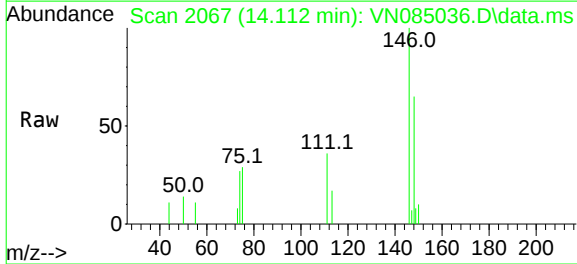
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1,2-Dichlorobenzene
Concen: 1.075 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN1126MBL01

Tgt Ion:	146	Resp:	3510
Ion Ratio	Lower	Upper	
146	100		
111	48.3	21.9	65.8
148	70.7	31.1	93.2

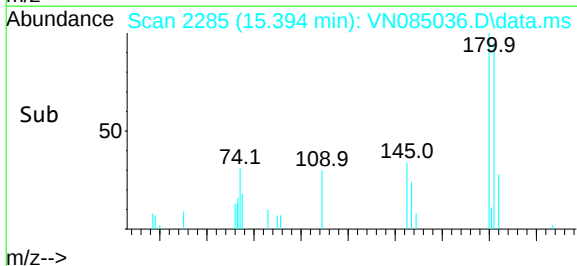
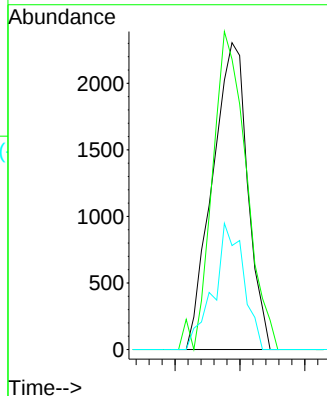
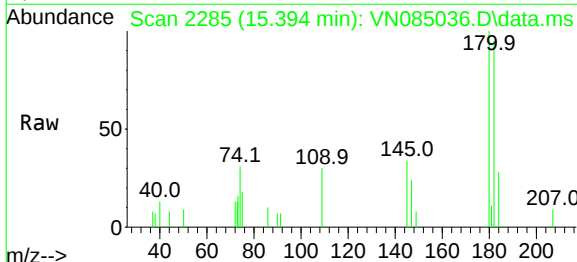
Manual Integrations
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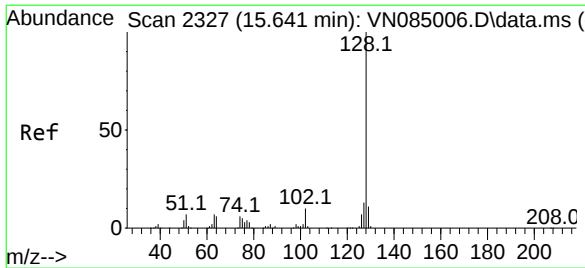
Reviewed By :John Carlone 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024



#93
1,2,4-Trichlorobenzene
Concen: 2.455 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN085036.D
Acq: 26 Nov 2024 11:21

Tgt Ion:	180	Resp:	4355
Ion Ratio	Lower	Upper	
180	100		
182	99.7	46.9	140.8
145	34.8	16.3	48.8





#95

Naphthalene

Concen: 2.342 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN1126MBL01

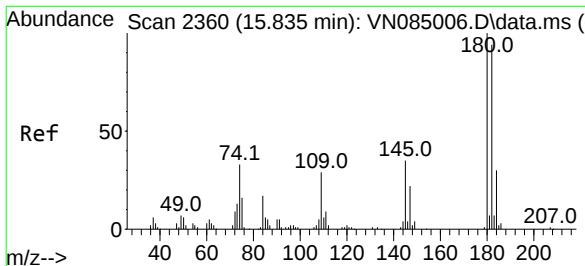
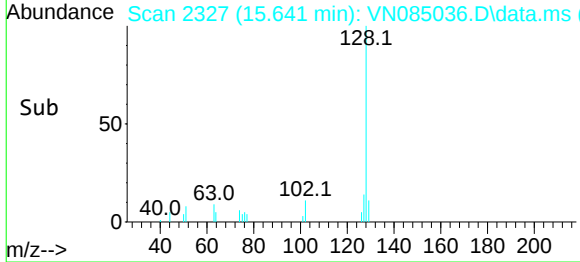
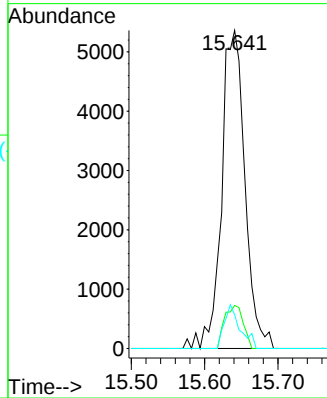
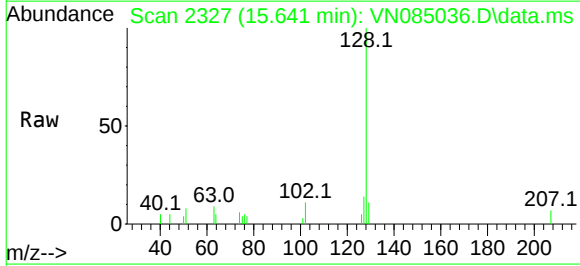
Tgt Ion:	128	Resp:	11834
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.6	16.0
129	9.3	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2024

Supervised By :Mahesh Dadoda 11/27/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.617 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.012 min

Lab File: VN085036.D

Acq: 26 Nov 2024 11:21

Tgt Ion:	180	Resp:	4429
Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.4	139.2
145	37.6	17.3	52.0

