

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069722.D
 Acq On : 3 Dec 2021 16:55
 Operator : JC/MD
 Sample : M4922-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20211130

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:33:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1416319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2454971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2506978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	969212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1051304	48.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.16%		
35) Dibromofluoromethane	8.021	113	734582	47.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.54%		
50) Toluene-d8	10.443	98	3099352	50.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.40%		
62) 4-Bromofluorobenzene	12.733	95	1180377	52.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.54%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.210	101	37583	2.68	ug/l #	68
12) 1,1-Dichloroethene	4.175	96	7676	0.57	ug/l	88
19) Methyl tert-butyl Ether	5.632	73	36678m	0.70	ug/l	
24) 1,1-Dichloroethane	6.388	63	9812	0.32	ug/l #	90
27) cis-1,2-Dichloroethene	7.329	96	48985	2.77	ug/l	99
30) Chloroform	7.817	83	26785	0.86	ug/l	99
44) Trichloroethene	9.217	130	2698253	158.26	ug/l	90
49) 1,4-Dioxane	9.574	88	7774	18.04	ug/l #	79
64) Tetrachloroethene	10.977	164	159630	9.39	ug/l	95

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

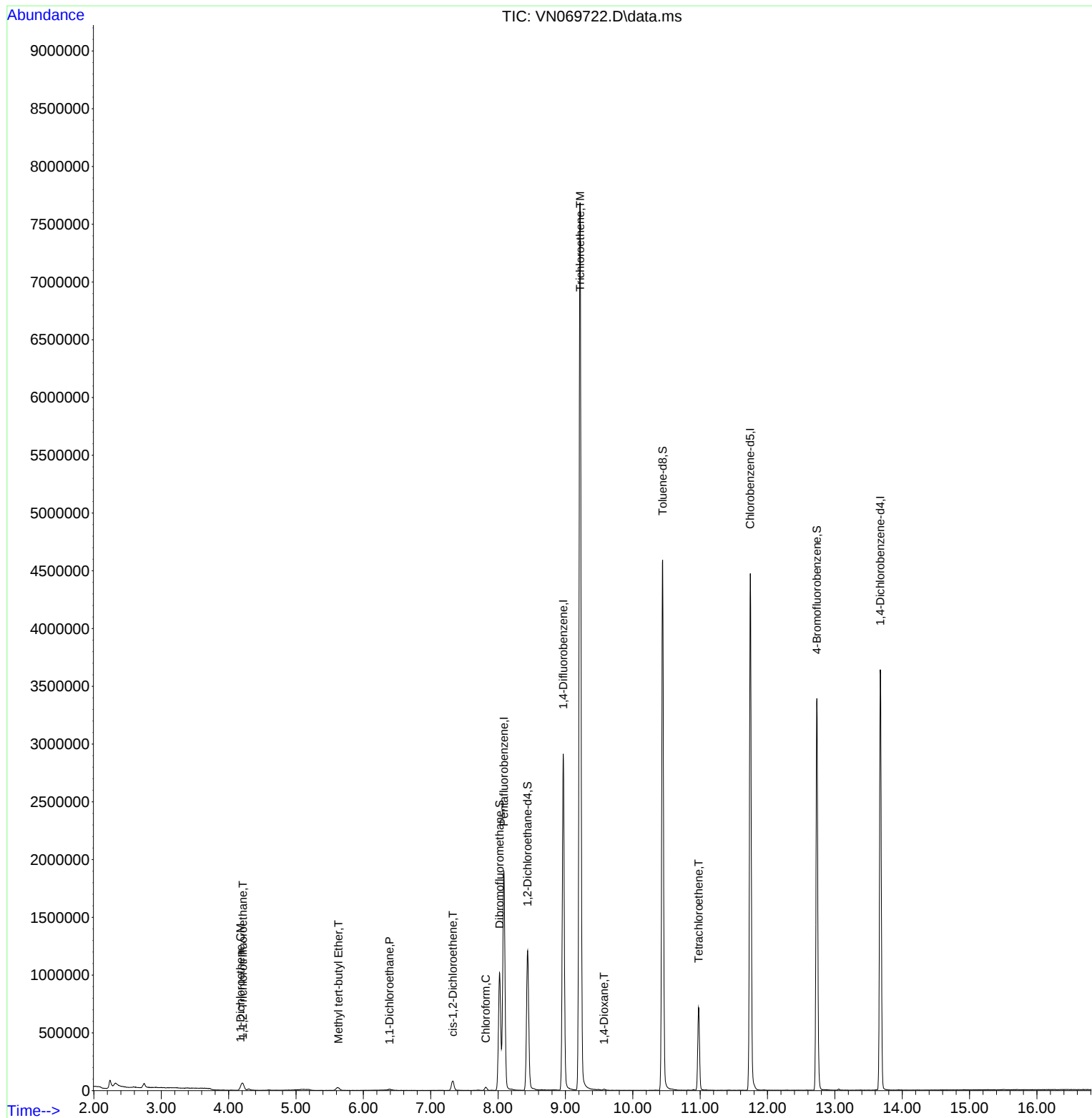
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
Data File : VN069722.D
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Operator : JC/MD
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ALS Vial : 15 Sample Multiplier: 1

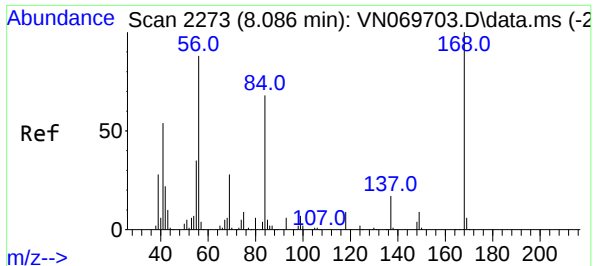
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20211130

Quant Time: Dec 04 05:33:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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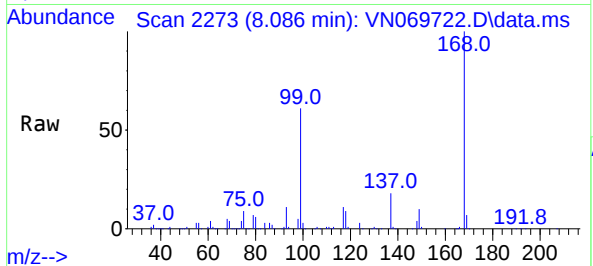
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

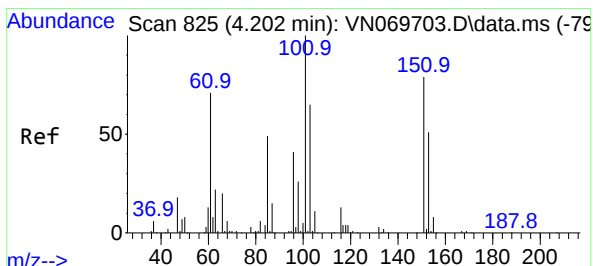
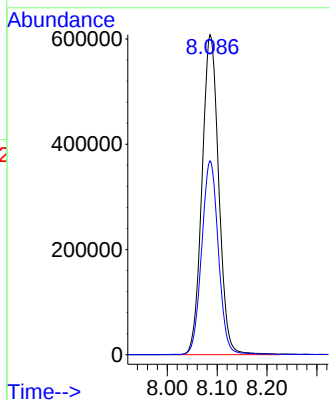
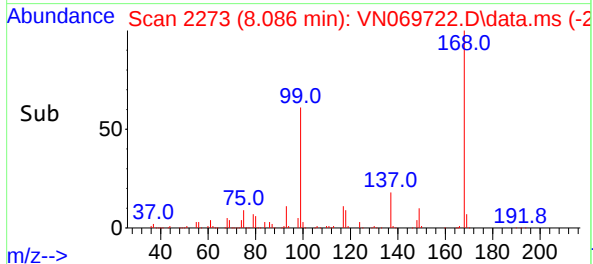
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20211130



Tgt Ion:168 Resp: 1416319
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

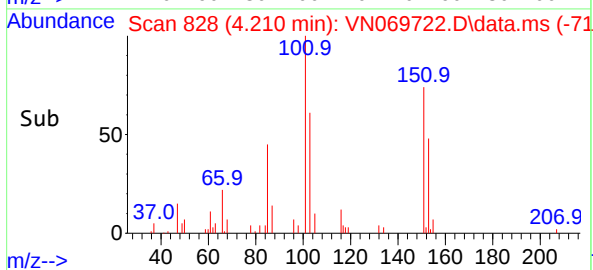
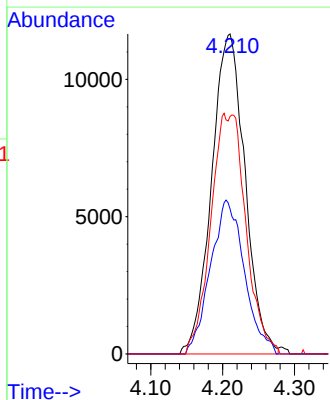
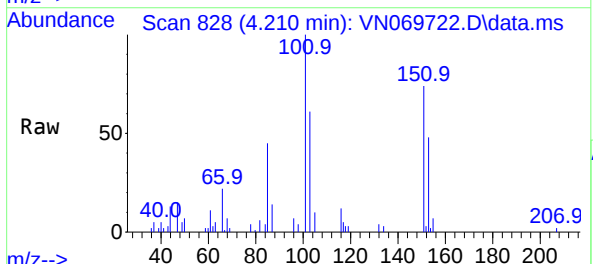
Manual Integrations
APPROVED

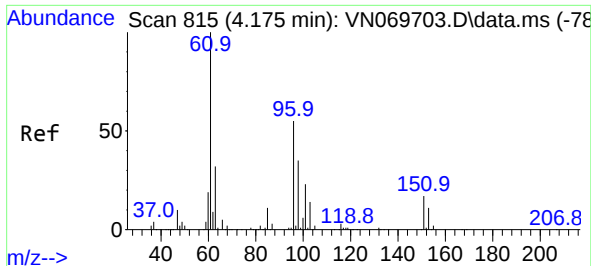
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.68 ug/l
RT: 4.210 min Scan# 828
Delta R.T. 0.008 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

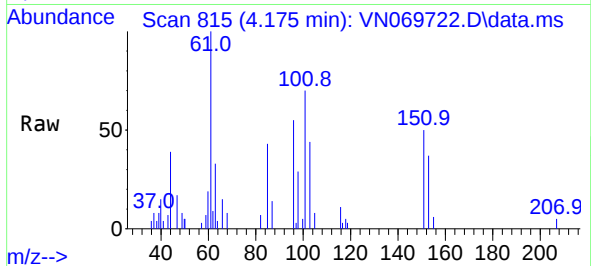
Tgt Ion:101 Resp: 37583
Ion Ratio Lower Upper
101 100
85 48.9 37.2 55.8
151 40.0 65.9 98.9#





#12
1,1-Dichloroethene
Concen: 0.57 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

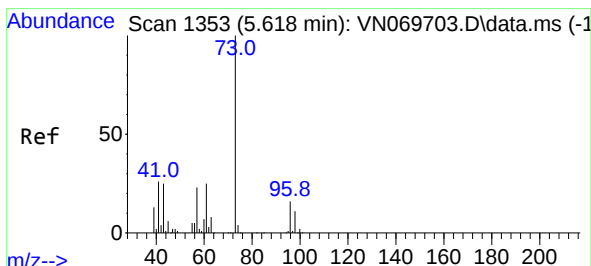
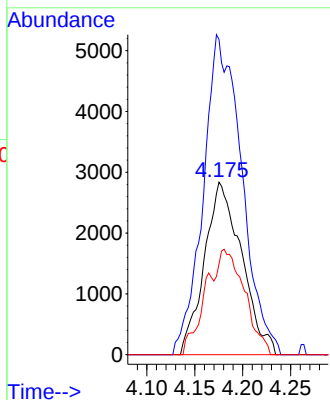
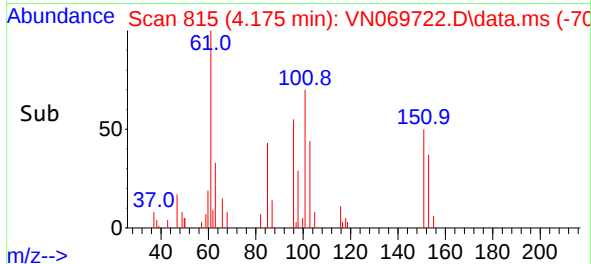
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20211130



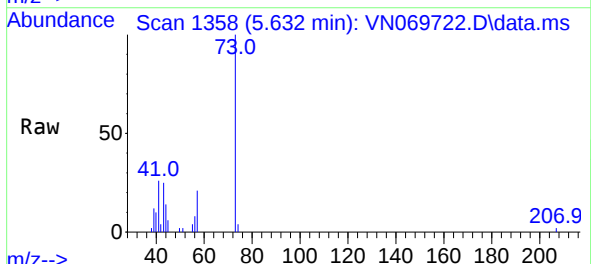
Tgt Ion: 96 Resp: 7670
Ion Ratio Lower Upper
96 100
61 177.2 131.0 196.6
98 52.5 52.4 78.6

Manual Integrations
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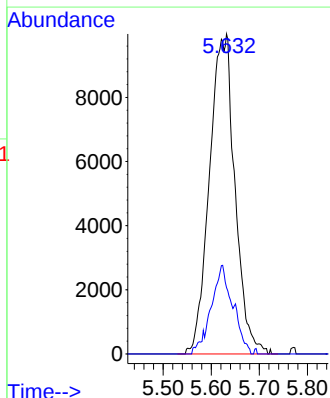
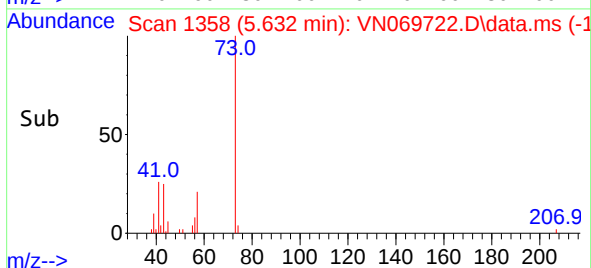
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

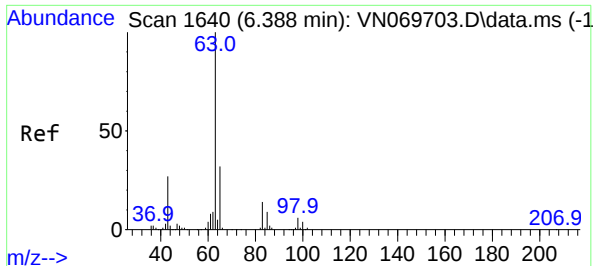


#19
Methyl tert-butyl Ether
Concen: 0.70 ug/l m
RT: 5.632 min Scan# 1358
Delta R.T. 0.013 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55



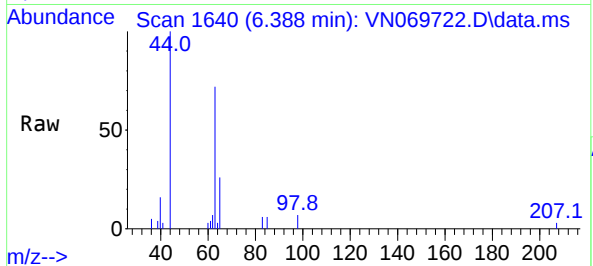
Tgt Ion: 73 Resp: 36678
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2





#24
1,1-Dichloroethane
Concen: 0.32 ug/l
RT: 6.388 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

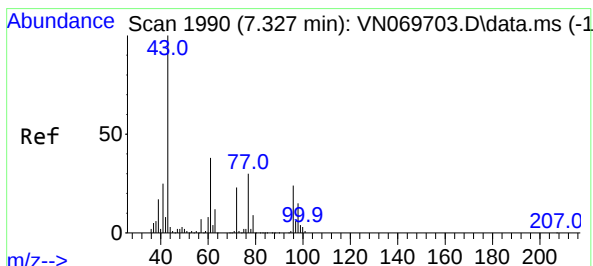
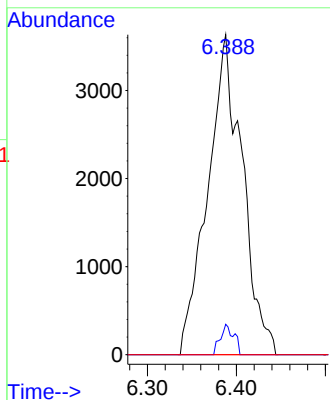
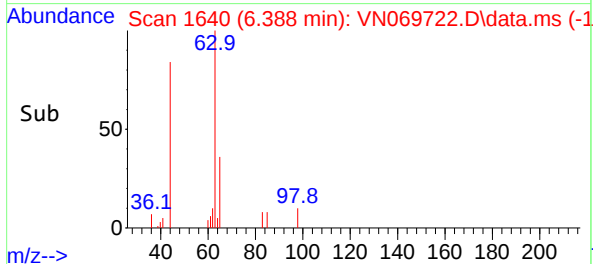
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20211130



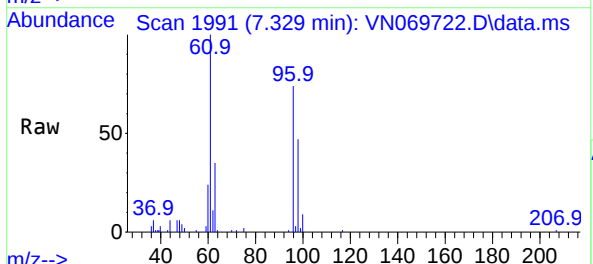
Tgt Ion: 63 Resp: 9812
Ion Ratio Lower Upper
63 100
98 9.5 3.3 9.9
100 0.0 2.1 6.5

Manual Integrations
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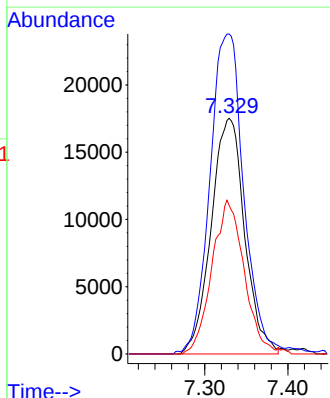
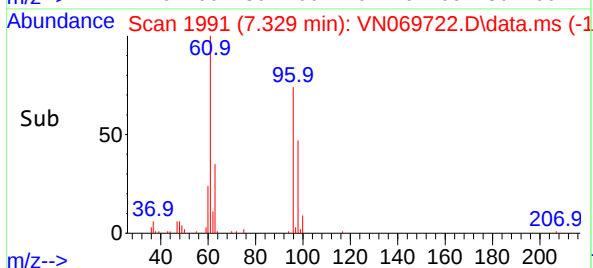
Reviewed By :John Carlone 12/04/2021
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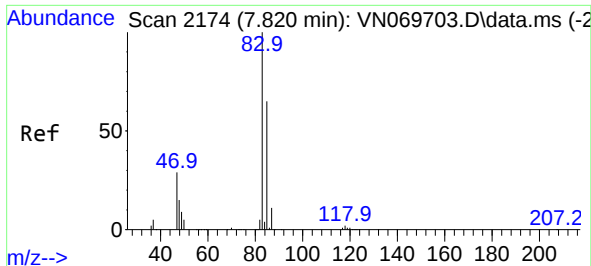


#27
cis-1,2-Dichloroethene
Concen: 2.77 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55



Tgt Ion: 96 Resp: 48985
Ion Ratio Lower Upper
96 100
61 137.4 0.0 275.0
98 62.6 0.0 129.6





#30

Chloroform

Concen: 0.86 ug/l

RT: 7.817 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VN069722.D

Acq: 3 Dec 2021 16:55

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20211130

Tgt Ion: 83 Resp: 2678

Ion Ratio Lower Upper

83 100

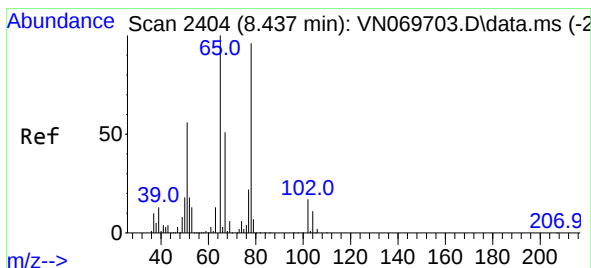
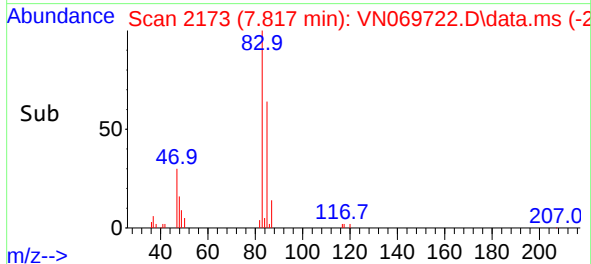
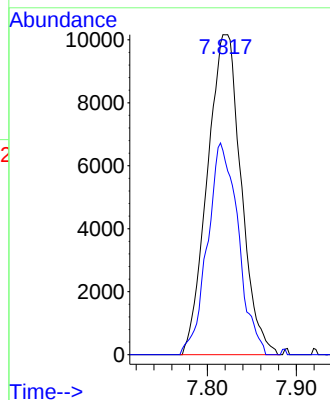
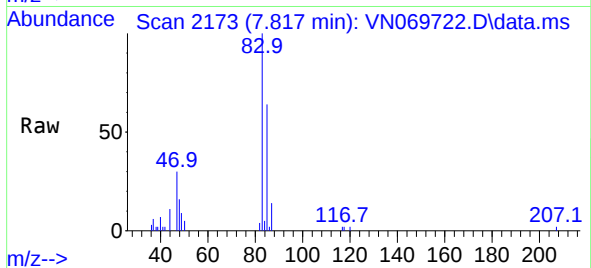
85 63.8 51.9 77.9

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 48.08 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069722.D

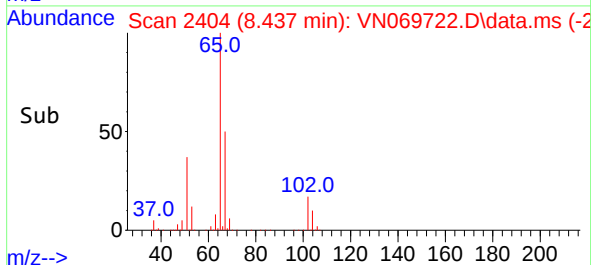
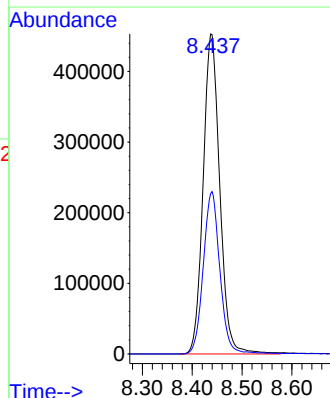
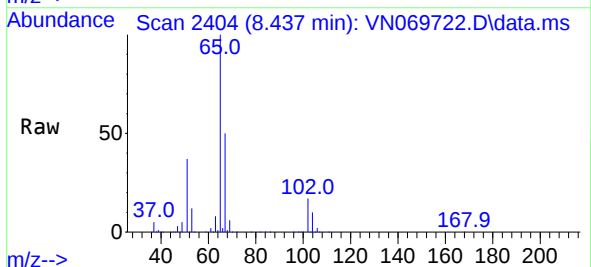
Acq: 3 Dec 2021 16:55

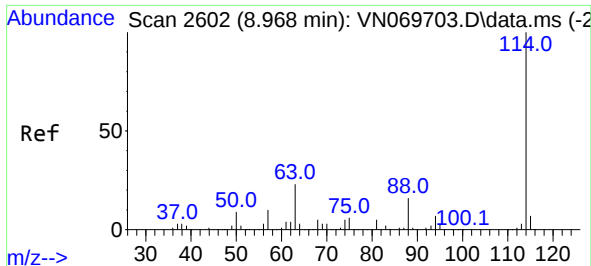
Tgt Ion: 65 Resp: 1051304

Ion Ratio Lower Upper

65 100

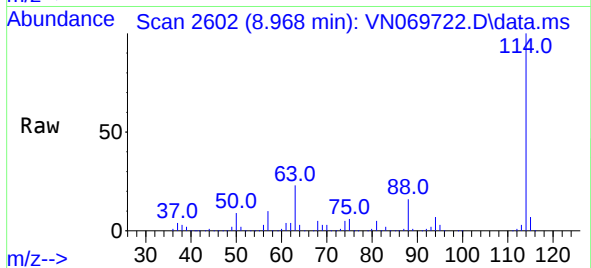
67 50.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

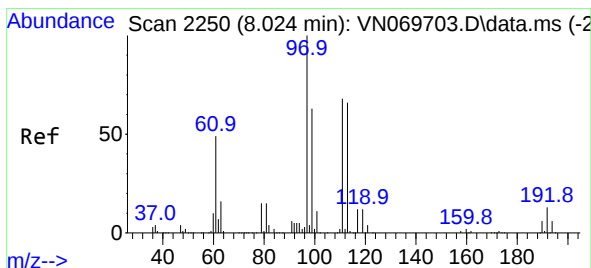
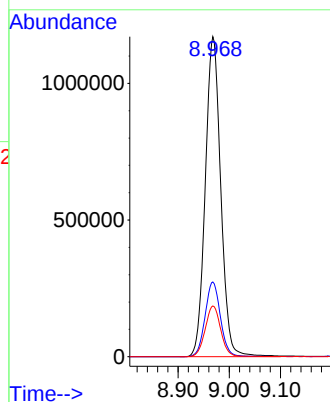
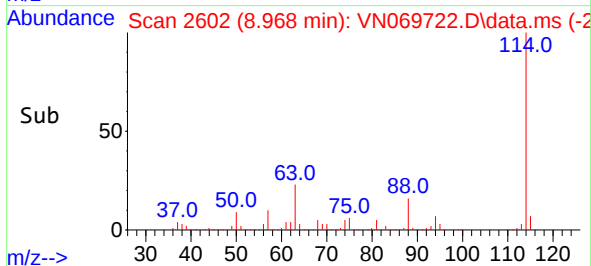
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20211130



Tgt Ion:114 Resp: 245497
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 15.9 0.0 27.4

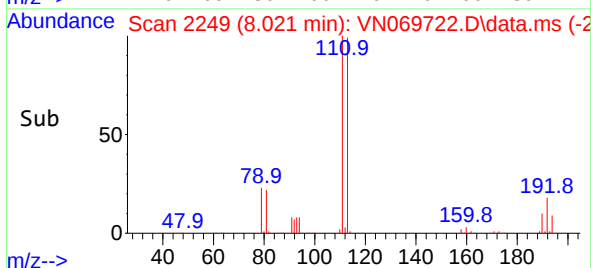
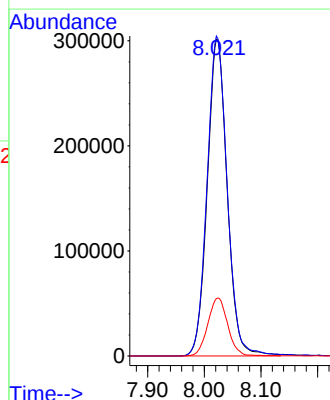
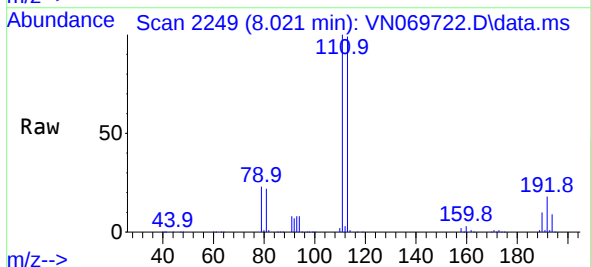
Manual Integrations
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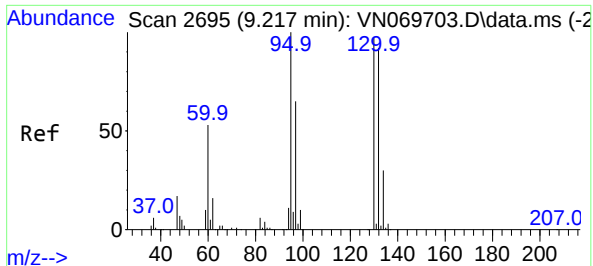
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#35
Dibromofluoromethane
Concen: 47.77 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

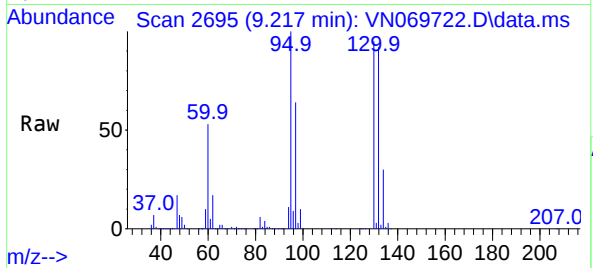
Tgt Ion:113 Resp: 734582
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.4 16.9 25.3





#44
Trichloroethene
Concen: 158.26 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

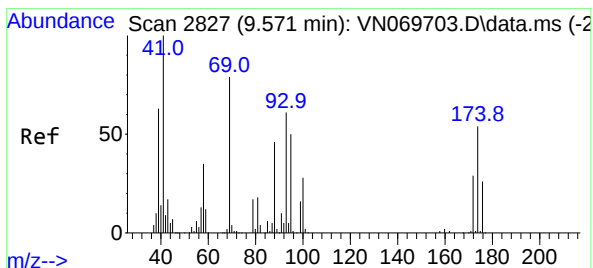
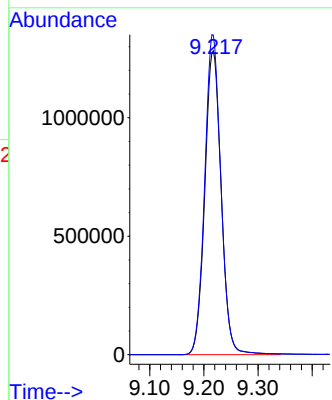
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20211130



Tgt Ion:130 Resp: 269825
Ion Ratio Lower Upper
130 100
95 105.2 0.0 191.2

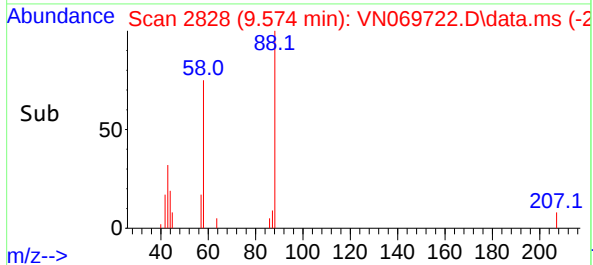
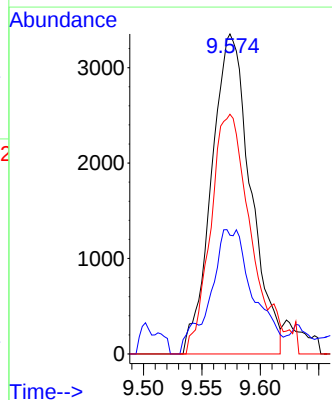
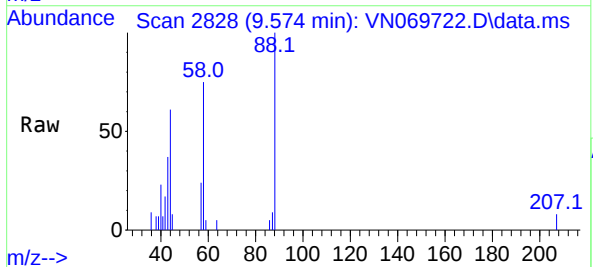
Manual Integrations
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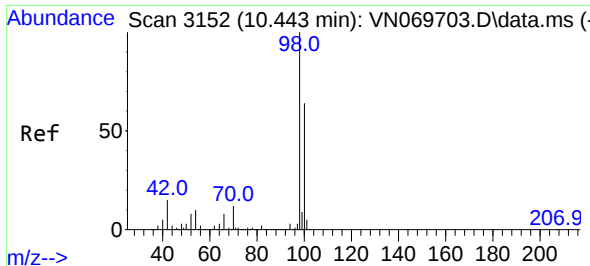
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#49
1,4-Dioxane
Concen: 18.04 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

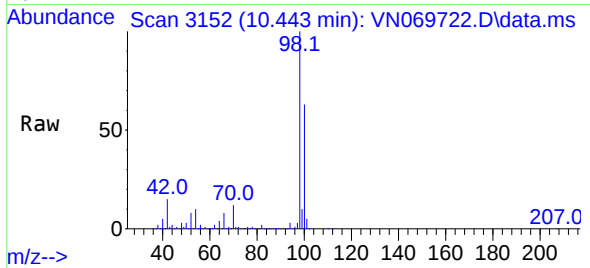
Tgt Ion: 88 Resp: 7774
Ion Ratio Lower Upper
88 100
43 43.4 23.4 35.2#
58 77.5 50.6 75.8#





#50
Toluene-d8
Concen: 50.20 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

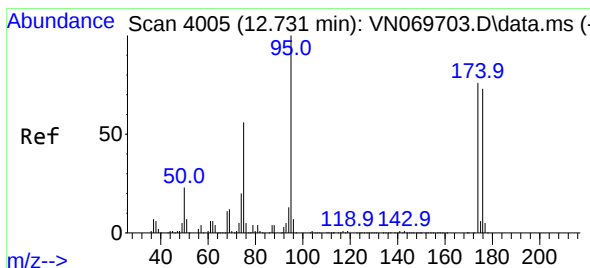
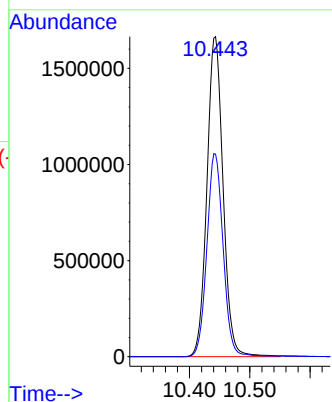
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ClientSampleId :
RE131D1-20211130



Tgt Ion: 98 Resp: 3099352
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

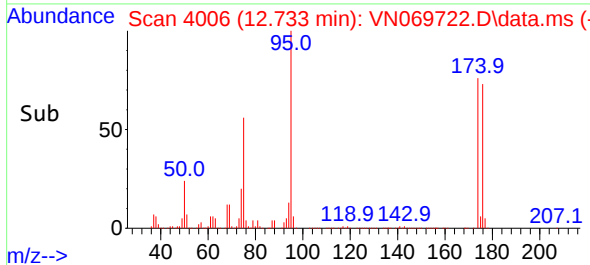
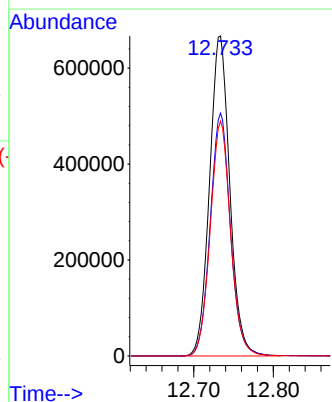
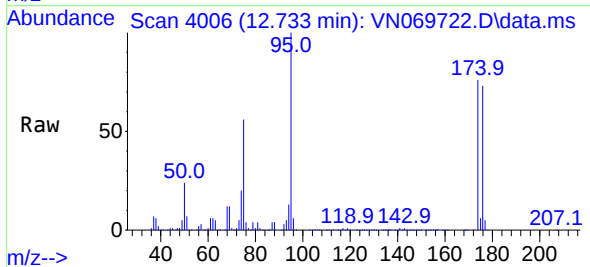
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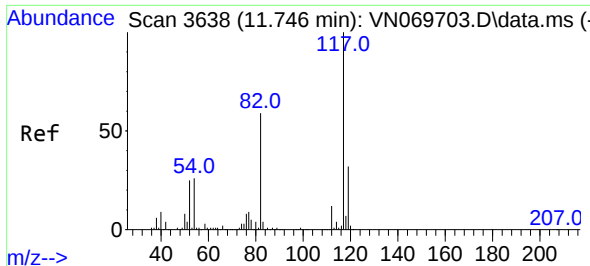
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 52.77 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

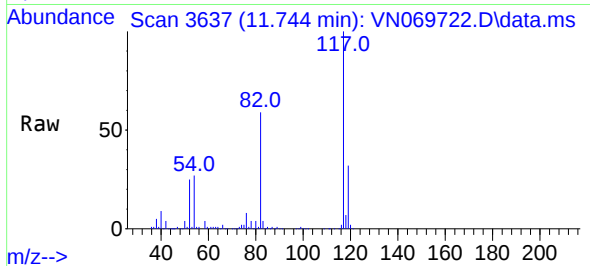
Tgt Ion: 95 Resp: 1180377
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55

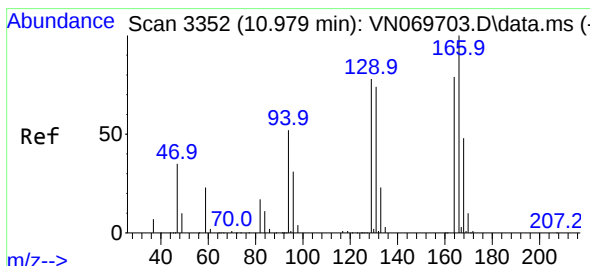
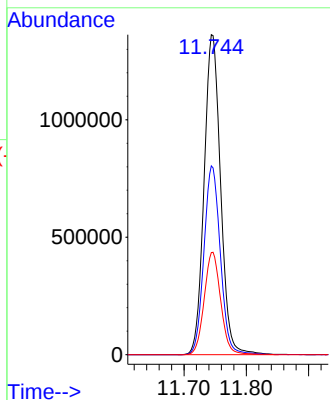
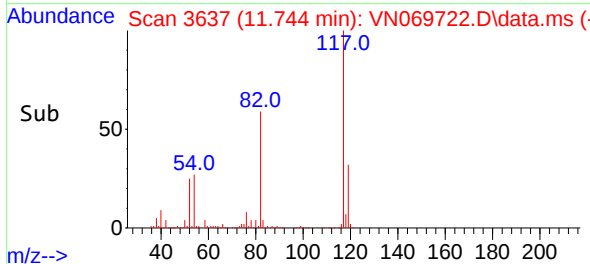
Instrument :
MSVOA_N
ClientSampleId :
RE131D1-20211130



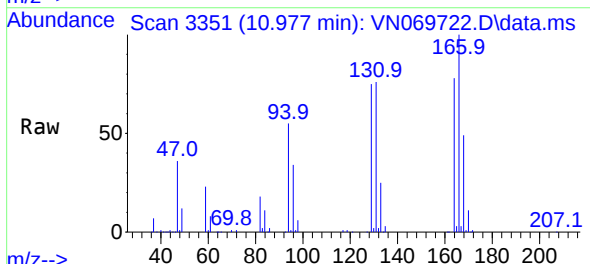
Tgt Ion:117 Resp: 2506978
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
APPROVED

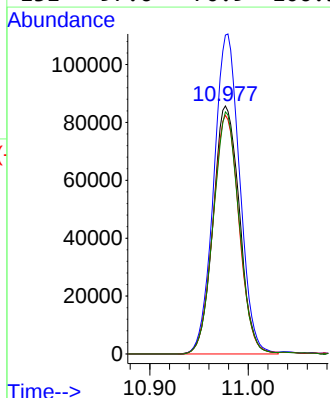
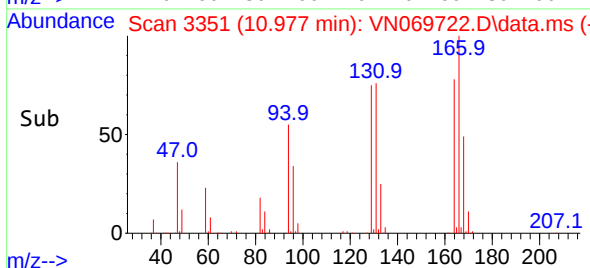
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

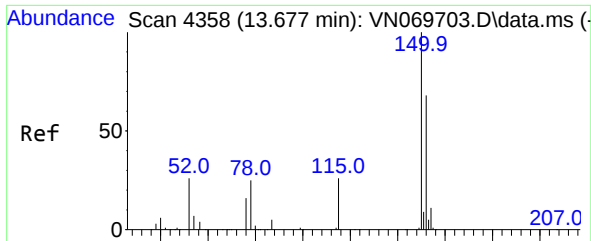


#64
Tetrachloroethene
Concen: 9.39 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069722.D
Acq: 3 Dec 2021 16:55



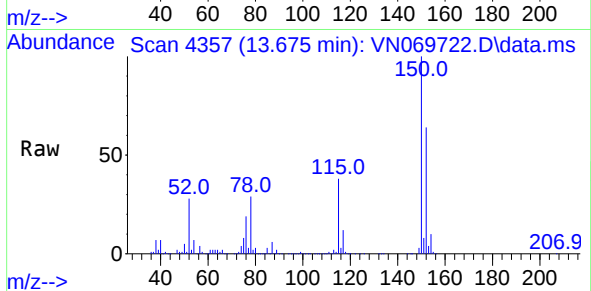
Tgt Ion:164 Resp: 159630
Ion Ratio Lower Upper
164 100
166 128.6 101.9 152.9
129 96.3 72.0 108.0
131 97.6 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069722.D
 Acq: 3 Dec 2021 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20211130



Tgt Ion:152 Resp: 96921
 Ion Ratio Lower Upper
 152 100
 115 60.2 27.5 82.5
 150 156.6 0.0 344.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

