

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069867.D
 Acq On : 8 Dec 2021 17:45
 Operator : JC/MD
 Sample : M4957-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20211206

Quant Time: Dec 09 11:43:21 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1254077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2301910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2474324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	934014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	981941	50.712	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.420%			
35) Dibromofluoromethane	8.024	113	688744	47.768	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.540%			
50) Toluene-d8	10.443	98	2976386	51.409	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.731	95	1156116	55.120	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.240%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.208	101	47260	3.812	ug/l	96
12) 1,1-Dichloroethene	4.181	96	11765	0.985	ug/l #	90
16) Acetone	4.296	43	23896	2.052	ug/l	99
19) Methyl tert-butyl Ether	5.629	73	20126m	0.433	ug/l	
24) 1,1-Dichloroethane	6.388	63	17463	0.641	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	37022	2.362	ug/l	96
30) Chloroform	7.825	83	15106	0.549	ug/l	88
44) Trichloroethene	9.217	130	2191991	137.111	ug/l	91
64) Tetrachloroethene	10.977	164	92203	5.496	ug/l	94

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

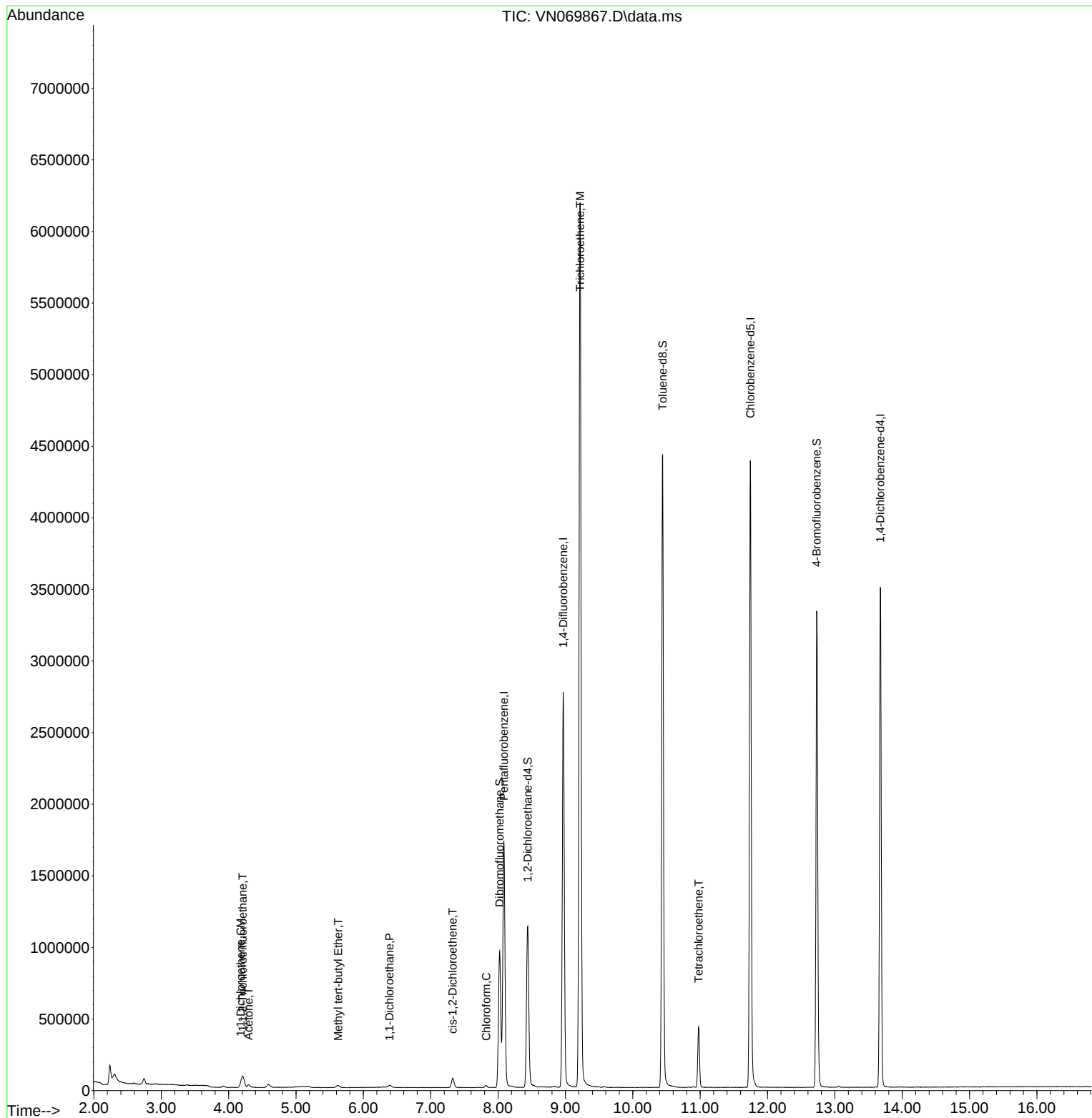
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
Data File : VN069867.D
Acq On : 8 Dec 2021 17:45
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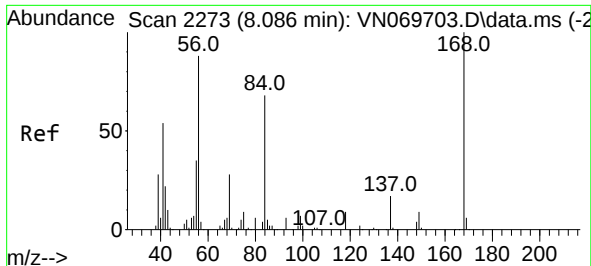
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20211206

Quant Time: Dec 09 11:43:21 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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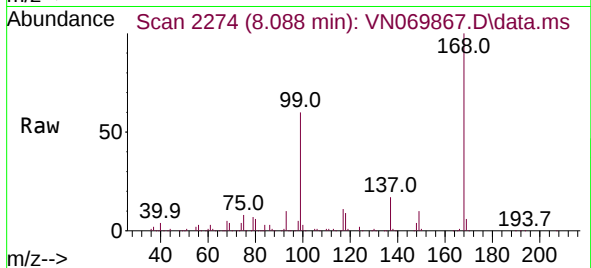
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

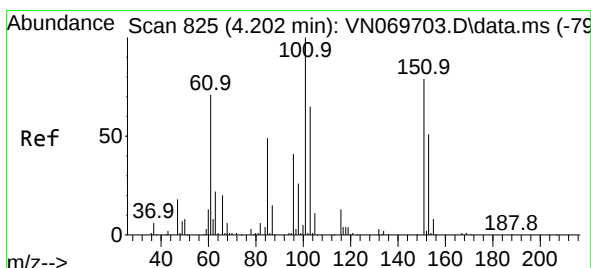
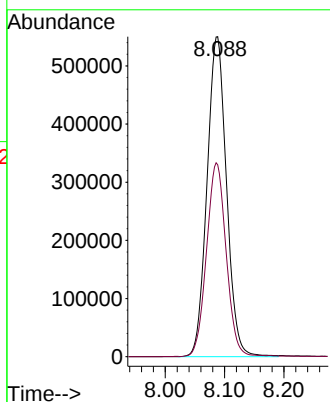
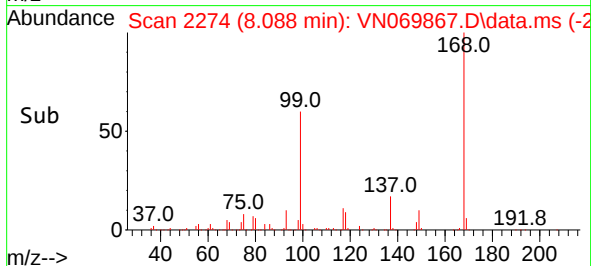
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20211206



Tgt Ion:168 Resp: 125407
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

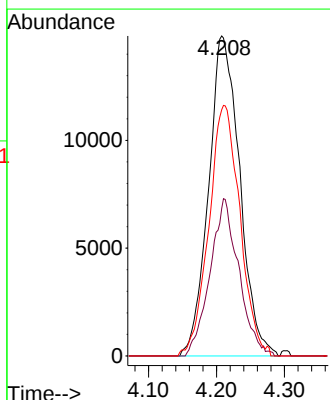
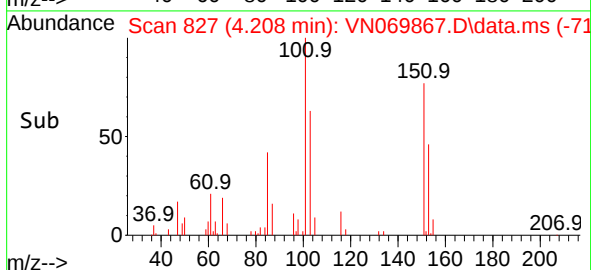
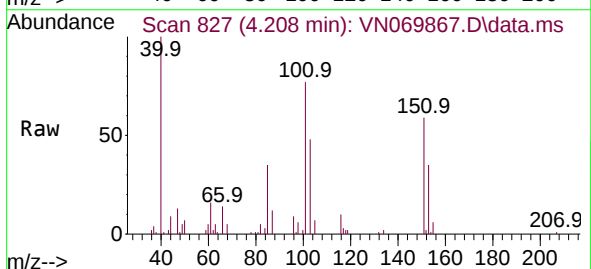
Manual Integrations
APPROVED

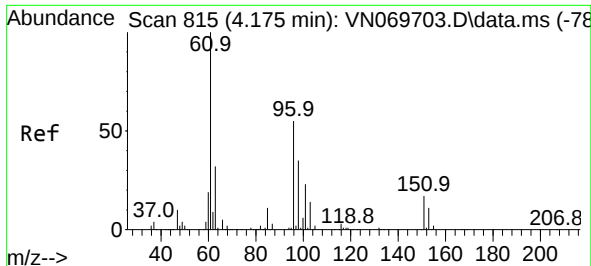
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.812 ug/l
RT: 4.208 min Scan# 827
Delta R.T. 0.006 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

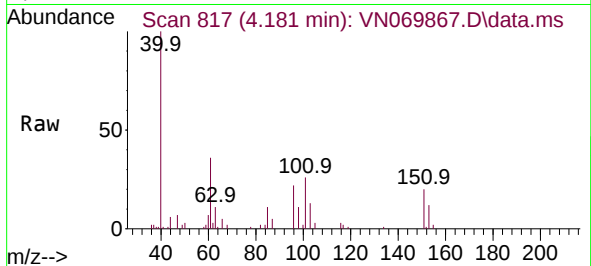
Tgt Ion:101 Resp: 47260
Ion Ratio Lower Upper
101 100
85 45.5 37.2 55.8
151 78.0 65.9 98.9





#12
1,1-Dichloroethene
Concen: 0.985 ug/l
RT: 4.181 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

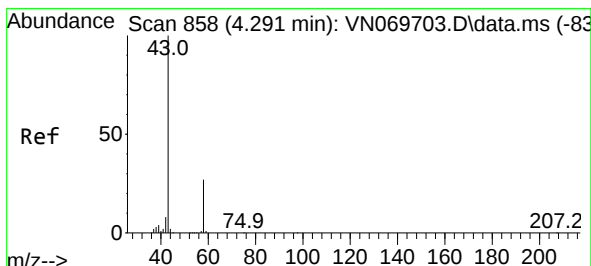
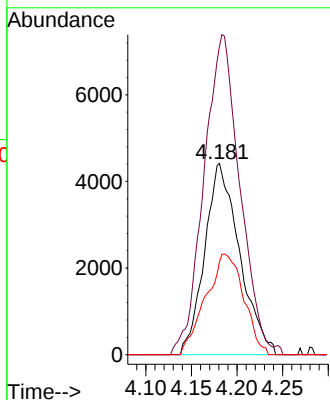
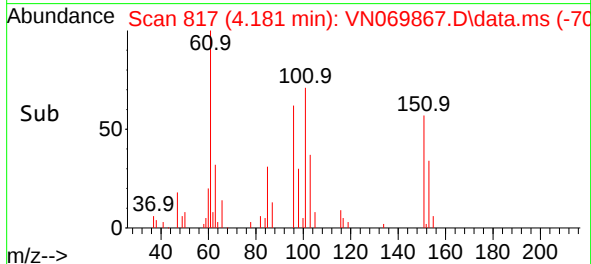
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20211206



Tgt Ion: 96 Resp: 1176
Ion Ratio Lower Upper
96 100
61 156.5 131.0 196.6
98 48.3 52.4 78.6

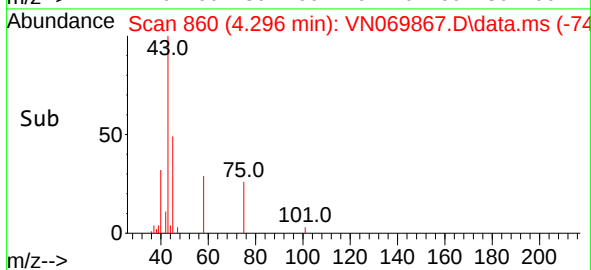
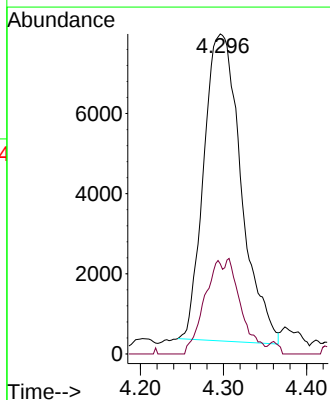
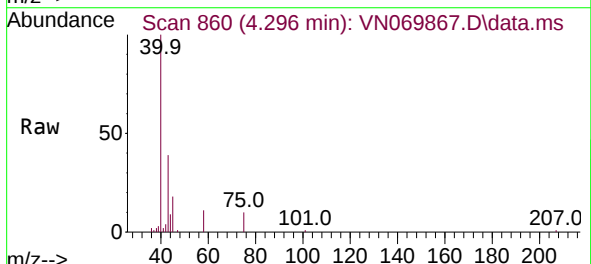
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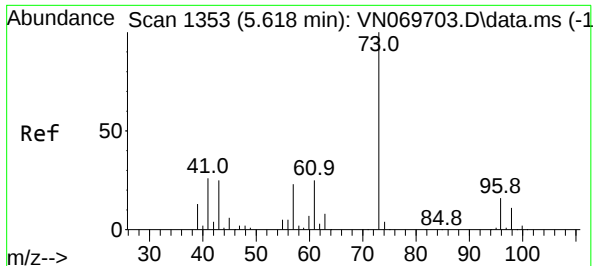
Reviewed By :John Carlone 12/10/2021
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#16
Acetone
Concen: 2.052 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

Tgt Ion: 43 Resp: 23896
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 0.433 ug/l m

RT: 5.629 min Scan# 1

Delta R.T. 0.011 min

Lab File: VN069867.D

Acq: 8 Dec 2021 17:45

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20211206

Tgt Ion: 73 Resp: 20120

Ion Ratio Lower Upper

73 100

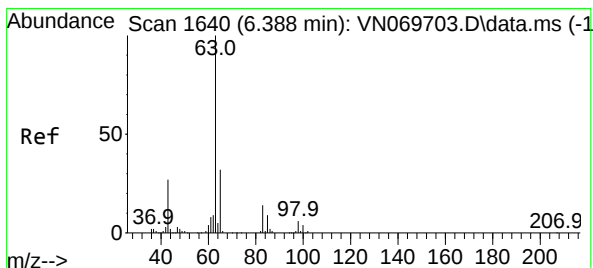
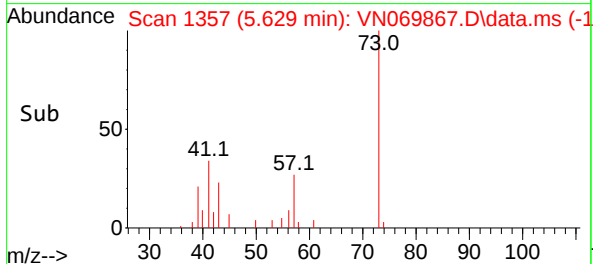
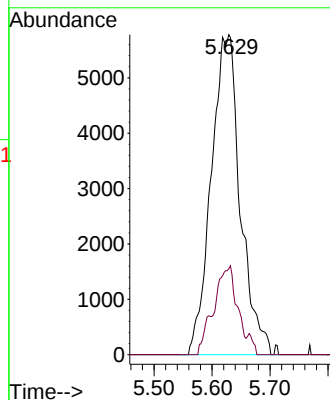
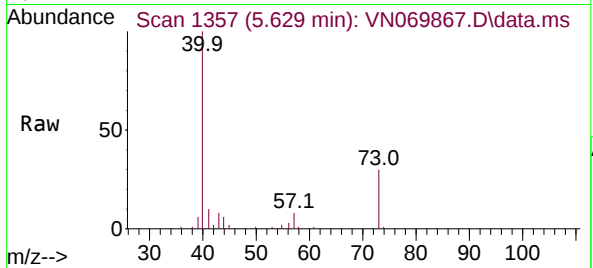
57 26.8 16.8 25.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 0.641 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069867.D

Acq: 8 Dec 2021 17:45

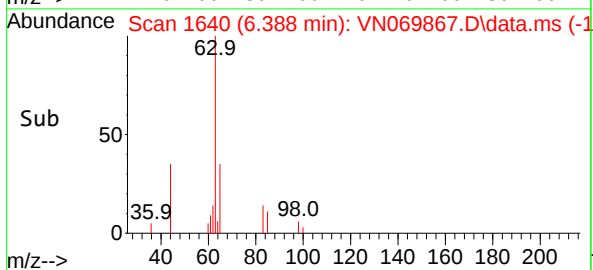
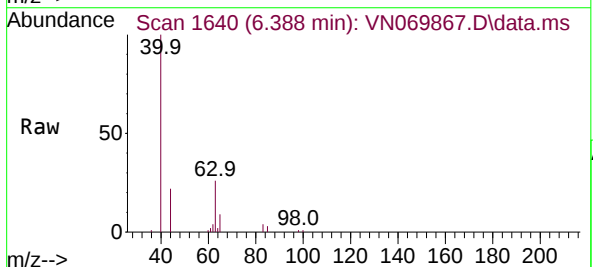
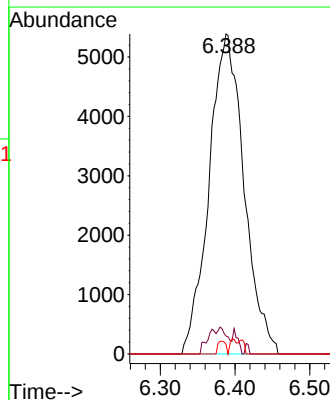
Tgt Ion: 63 Resp: 17463

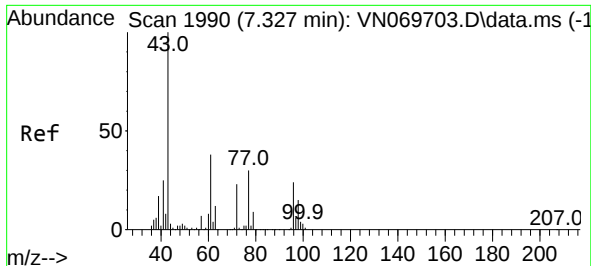
Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.9

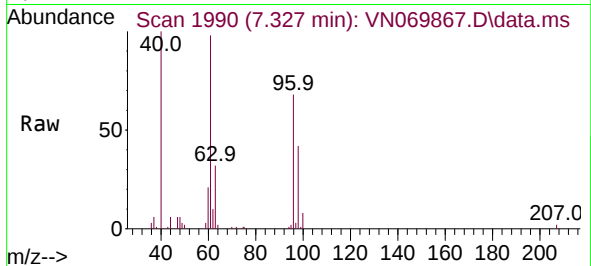
100 3.0 2.1 6.5





#27
cis-1,2-Dichloroethene
Concen: 2.362 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

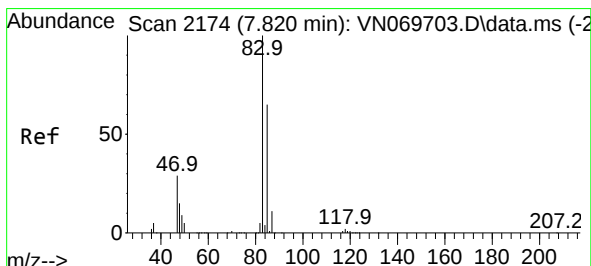
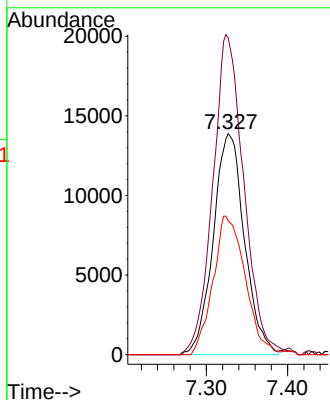
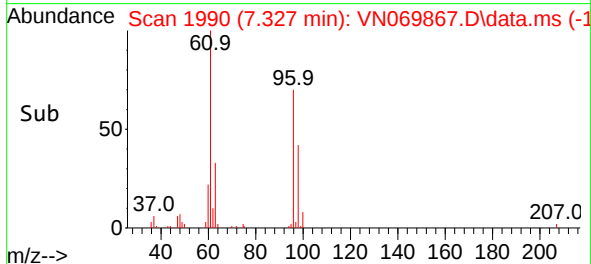
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20211206



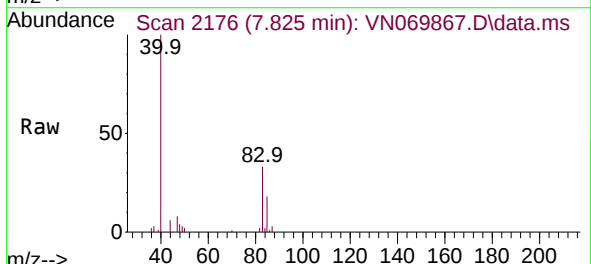
Tgt Ion: 96 Resp: 3702
Ion Ratio Lower Upper
96 100
61 144.0 0.0 275.0
98 64.6 0.0 129.6

Manual Integrations
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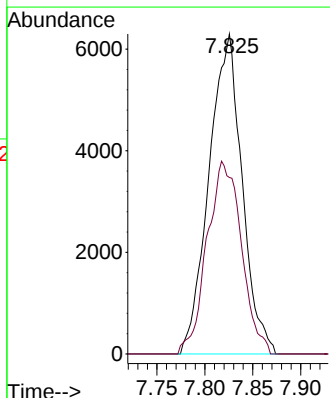
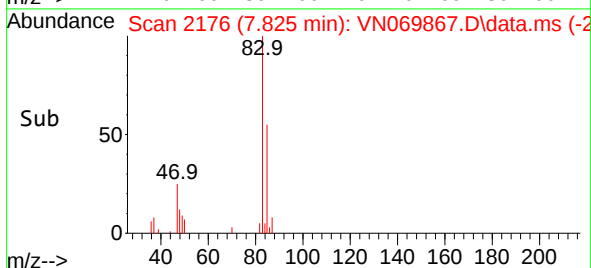
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

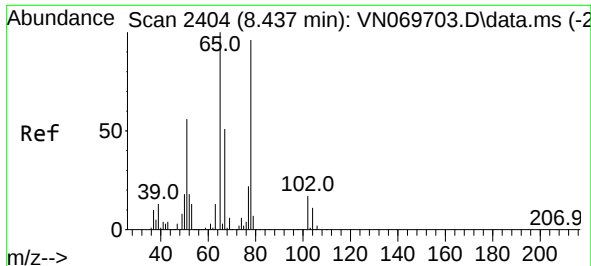


#30
Chloroform
Concen: 0.549 ug/l
RT: 7.825 min Scan# 2176
Delta R.T. 0.005 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45



Tgt Ion: 83 Resp: 15106
Ion Ratio Lower Upper
83 100
85 55.1 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 50.712 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069867.D

Acq: 8 Dec 2021 17:45

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20211206

Tgt Ion: 65 Resp: 98194

Ion Ratio Lower Upper

65 100

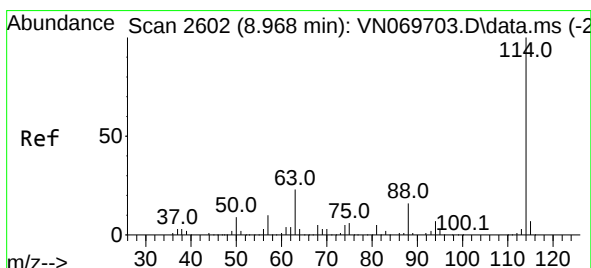
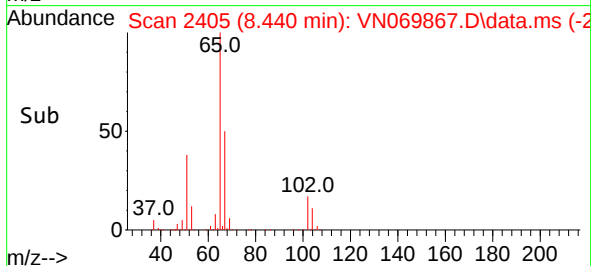
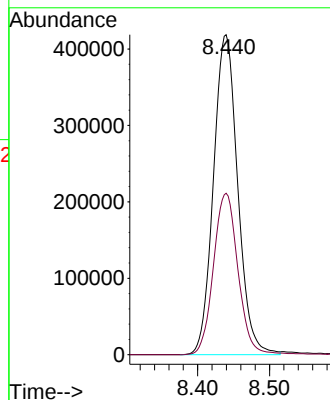
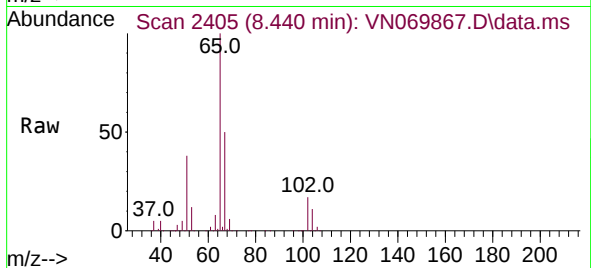
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069867.D

Acq: 8 Dec 2021 17:45

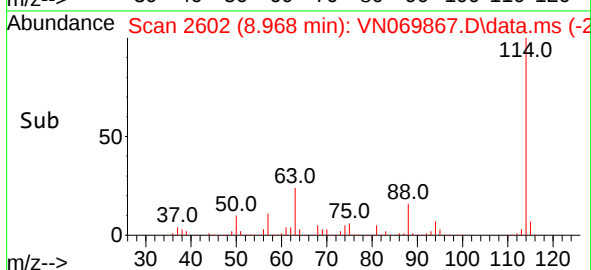
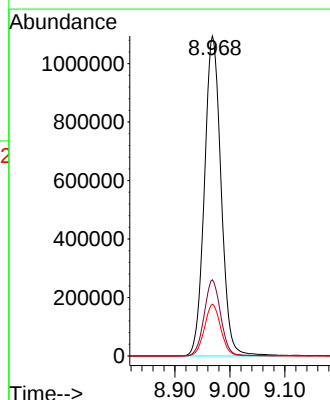
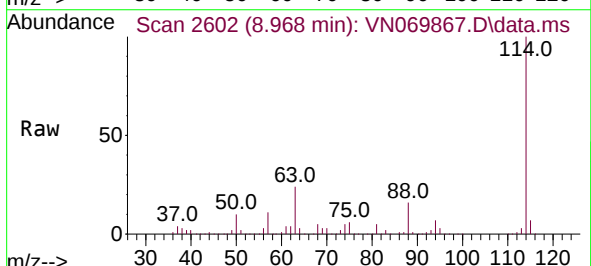
Tgt Ion:114 Resp: 2301910

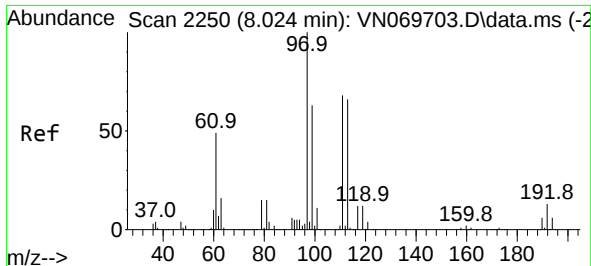
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

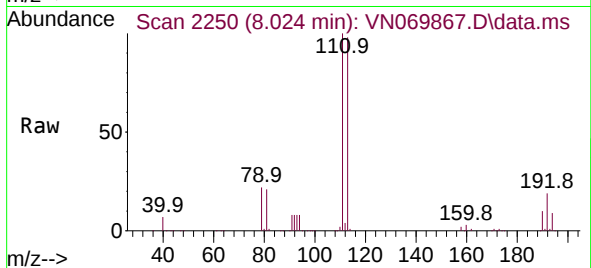
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.768 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

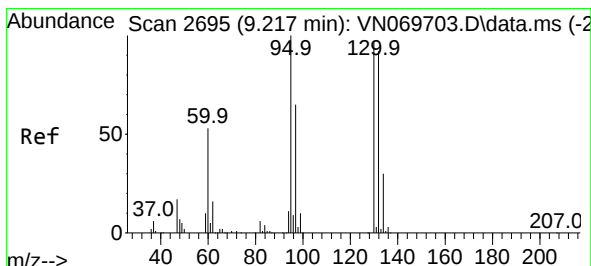
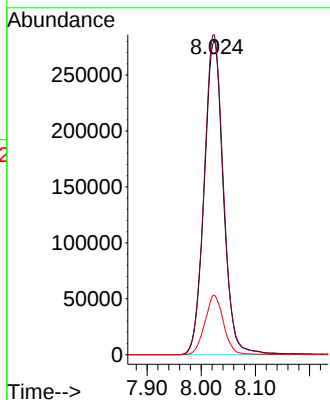
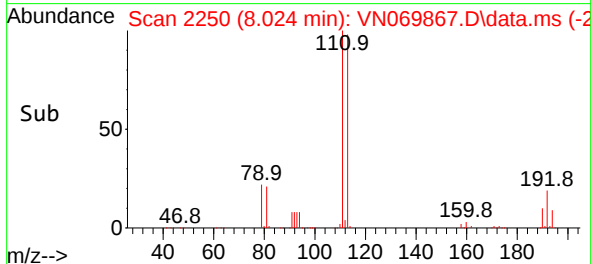
Instrument :
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RE125D1-20211206



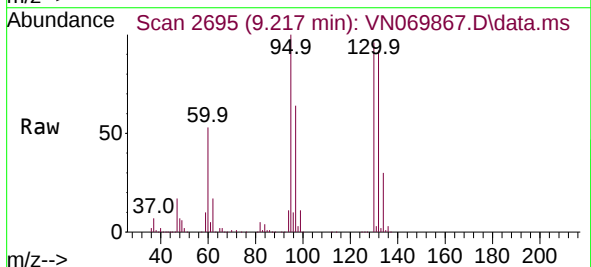
Tgt Ion:113 Resp: 688744
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
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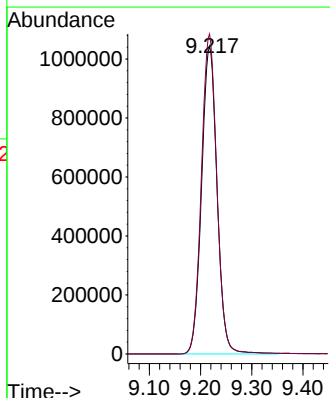
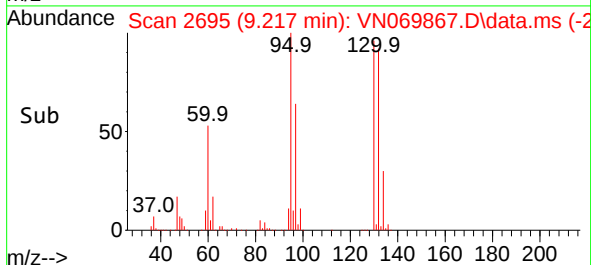
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

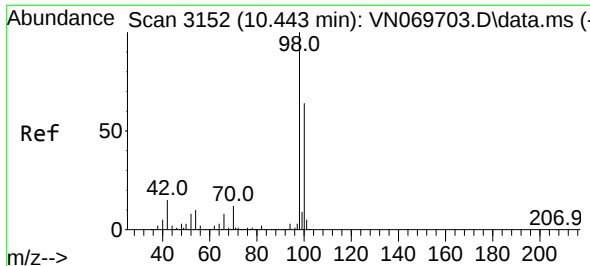


#44
Trichloroethene
Concen: 137.111 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45



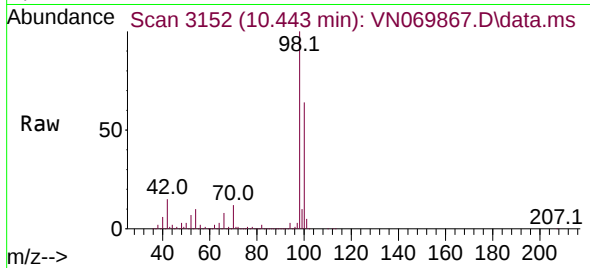
Tgt Ion:130 Resp: 2191991
Ion Ratio Lower Upper
130 100
95 104.0 0.0 191.2





#50
Toluene-d8
Concen: 51.409 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

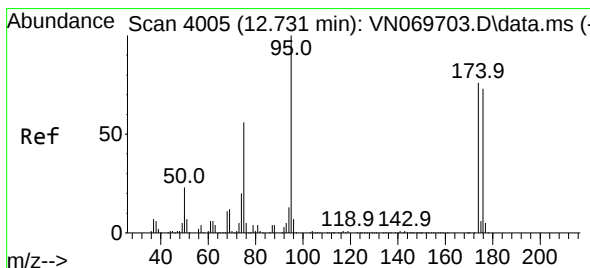
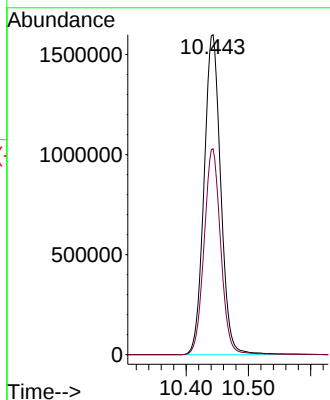
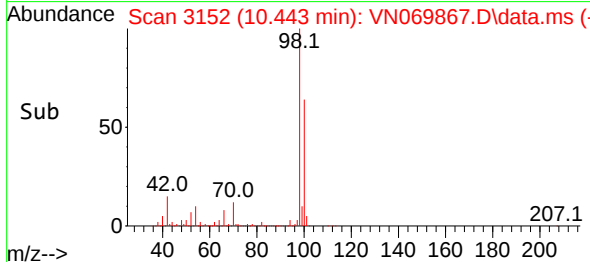
Instrument :
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ClientSampleId :
RE125D1-20211206



Tgt Ion: 98 Resp: 2976380
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

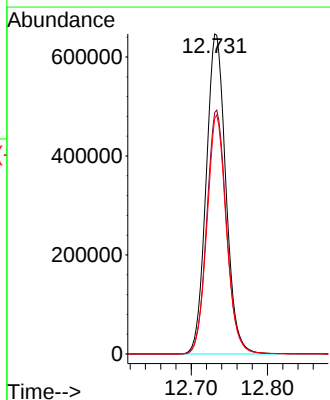
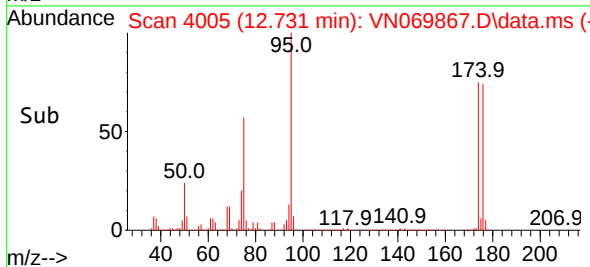
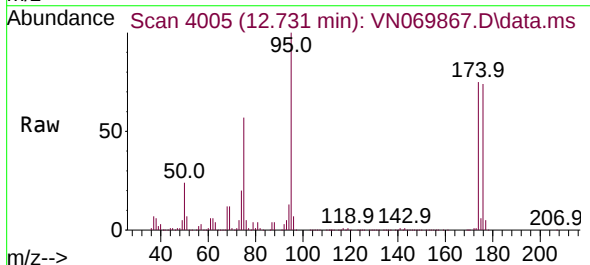
Manual Integrations
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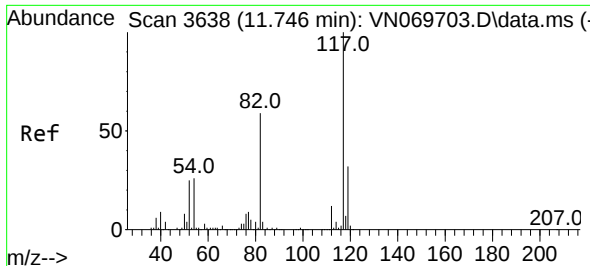
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 55.120 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

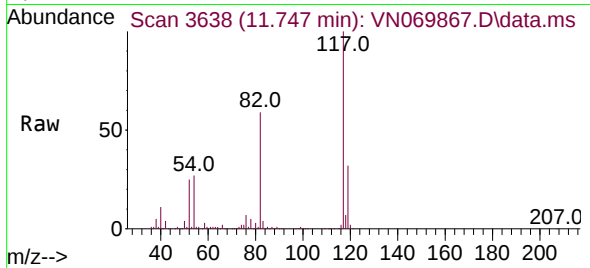
Tgt Ion: 95 Resp: 1156116
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

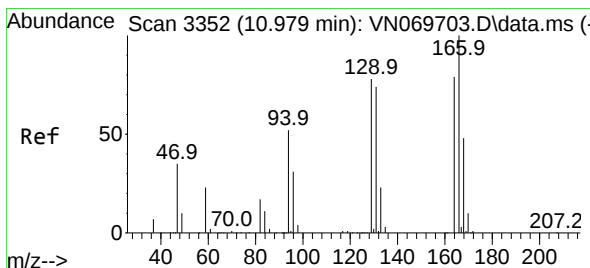
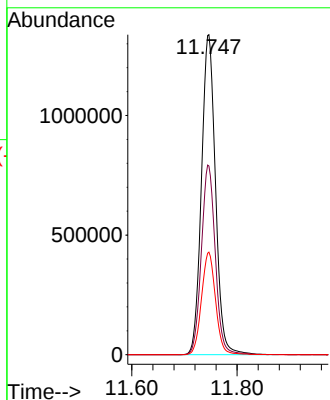
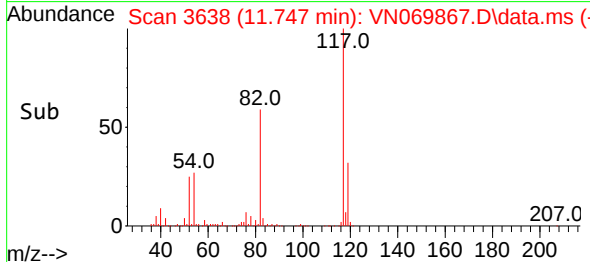
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20211206



Tgt Ion:117 Resp: 2474324
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.1 25.4 38.2

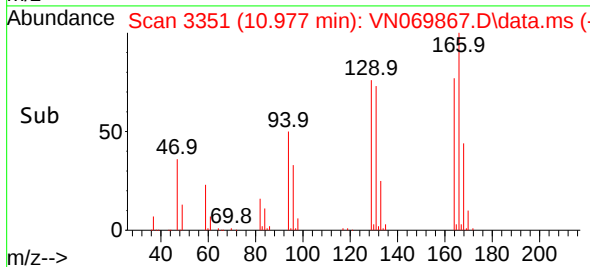
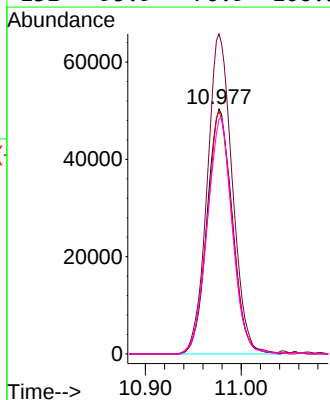
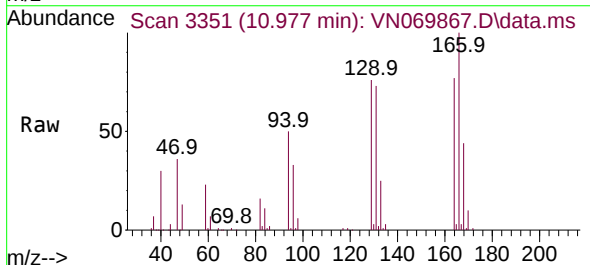
Manual Integrations
APPROVED

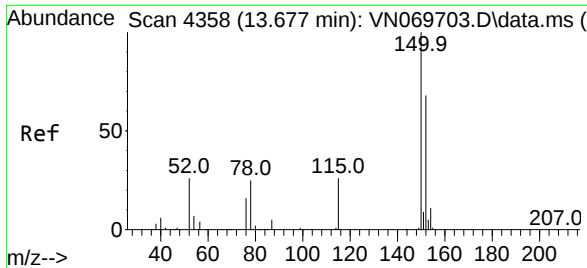
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 5.496 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069867.D
Acq: 8 Dec 2021 17:45

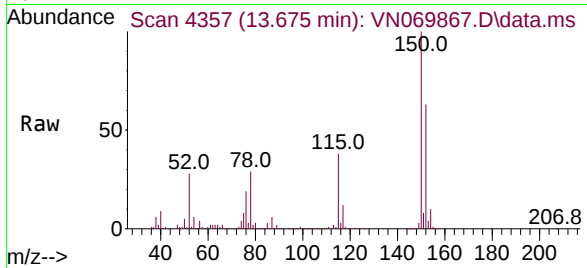
Tgt Ion:164 Resp: 92203
Ion Ratio Lower Upper
164 100
166 130.7 101.9 152.9
129 99.1 72.0 108.0
131 95.9 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069867.D
 Acq: 8 Dec 2021 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20211206



Tgt Ion:152 Resp: 934014
 Ion Ratio Lower Upper
 152 100
 115 60.8 27.5 82.5
 150 157.6 0.0 344.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

