

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069720.D
 Acq On : 3 Dec 2021 16:04
 Operator : JC/MD
 Sample : M4922-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20211130

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 05:33:00 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	8.085	168	1467825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2533044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2531186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	918741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1094606	48.299	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.600%		
35) Dibromofluoromethane	8.024	113	759971	47.898	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.800%		
50) Toluene-d8	10.443	98	3177922	49.882	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.733	95	1147433	49.715	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	4197	0.245	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.207	101	2497039	172.100	ug/l	96
12) 1,1-Dichloroethene	4.183	96	27404	1.960	ug/l	97
24) 1,1-Dichloroethane	6.382	63	7624	0.239	ug/l #	95
27) cis-1,2-Dichloroethene	7.327	96	61177	3.334	ug/l	94
42) 1,2-Dichloroethane	8.533	62	8289	0.279	ug/l	84
44) Trichloroethene	9.217	130	1630922	92.707	ug/l	92
64) Tetrachloroethene	10.977	164	175280	10.213	ug/l	95

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

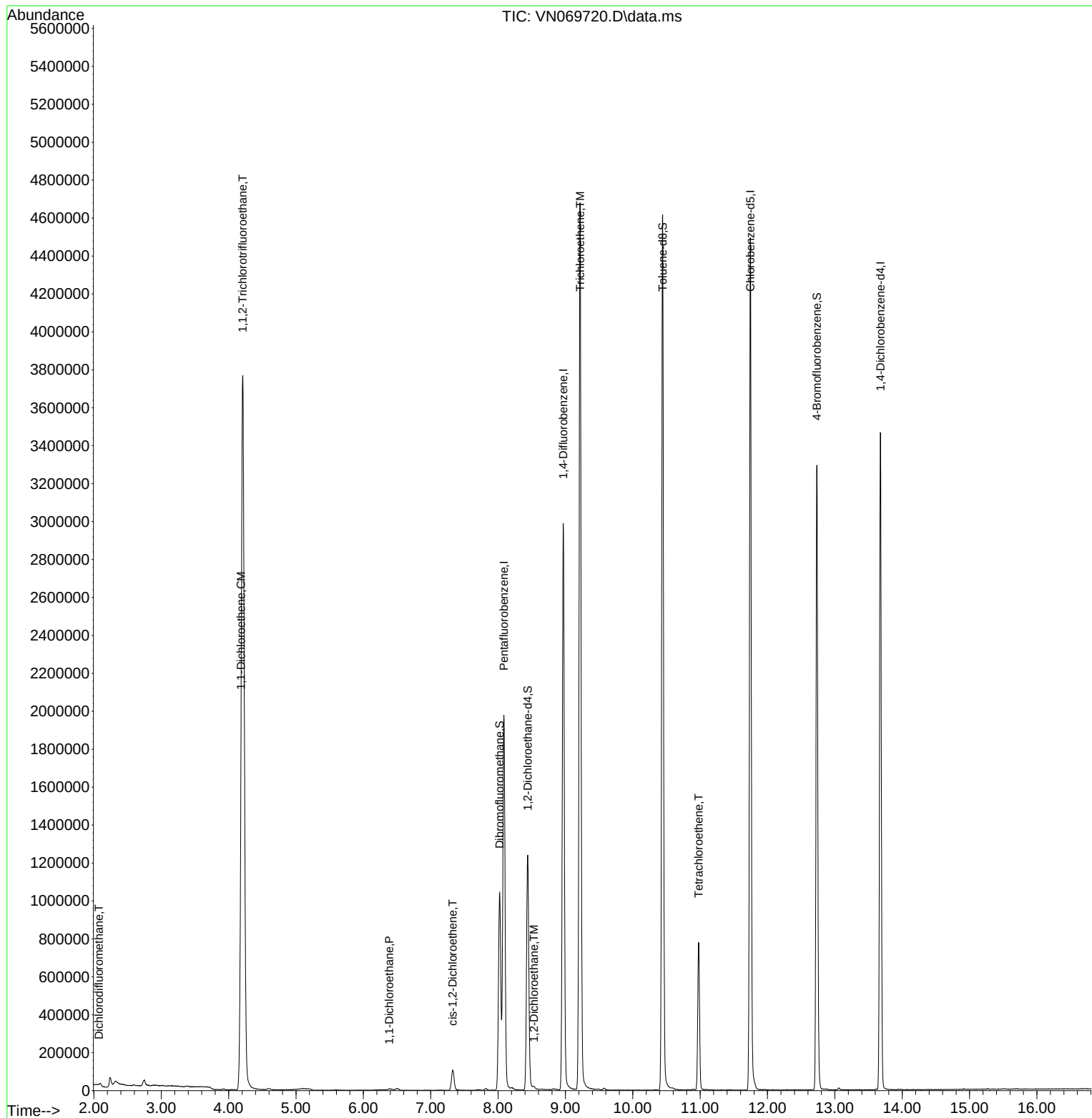
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
Data File : VN069720.D
Acq On : 3 Dec 2021 16:04
Operator : JC/MD
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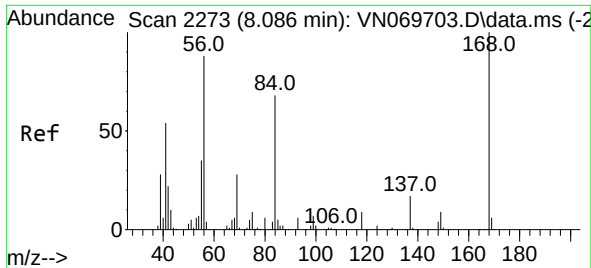
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130

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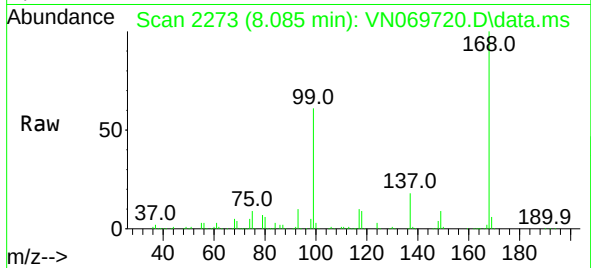
Quant Time: Dec 04 05:33:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

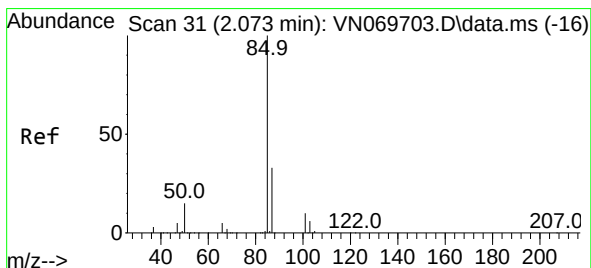
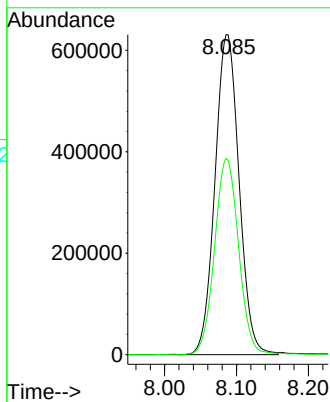
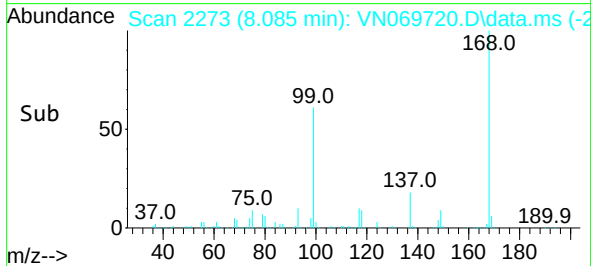
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130



Tgt Ion:168 Resp: 146782
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

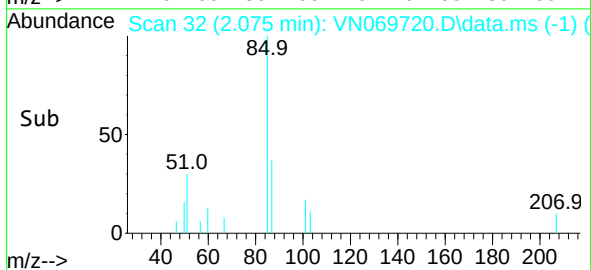
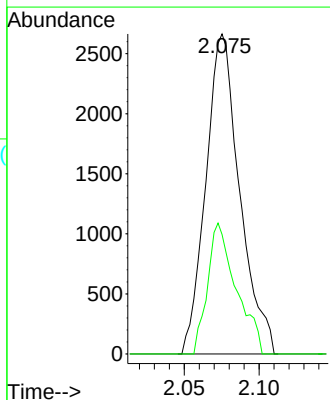
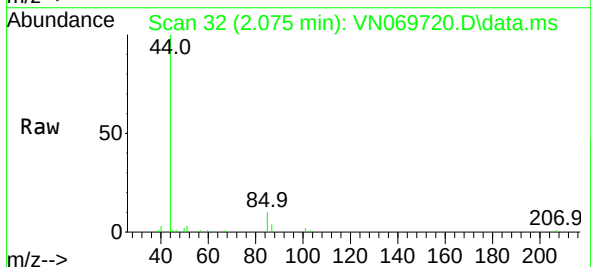
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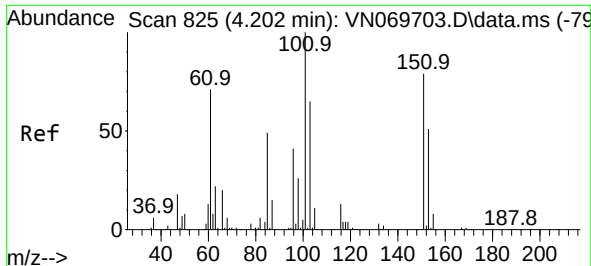
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#2
Dichlorodifluoromethane
Concen: 0.245 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

Tgt Ion: 85 Resp: 4197
Ion Ratio Lower Upper
85 100
87 37.3 16.3 48.9





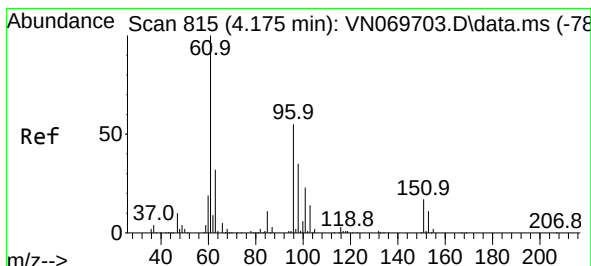
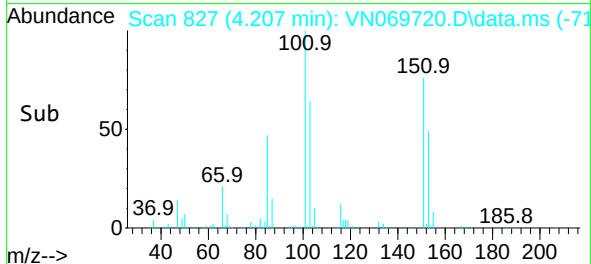
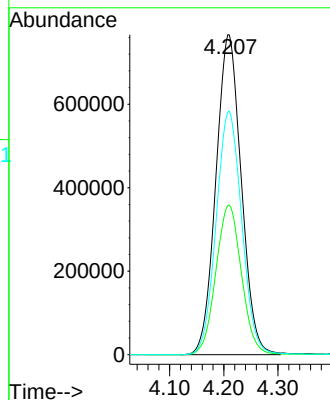
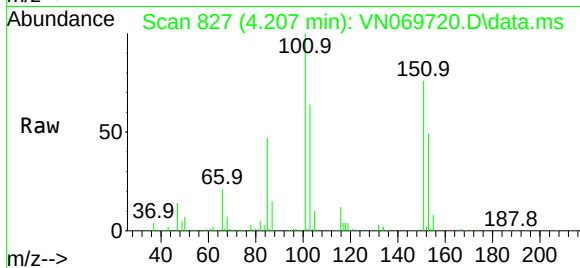
#9
1,1,2-Trichlorotrifluoroethane
Concen: 172.100 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130

Tgt Ion:101 Resp: 2497039
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 77.0 65.9 98.9

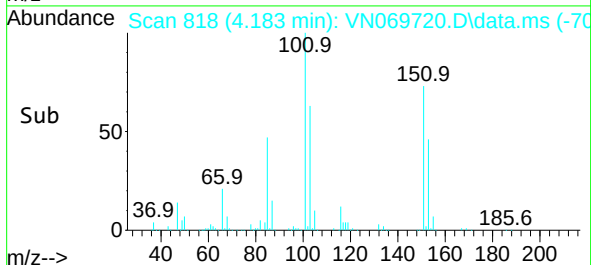
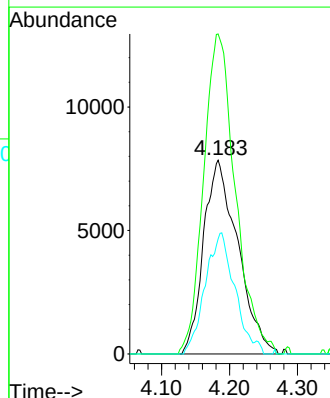
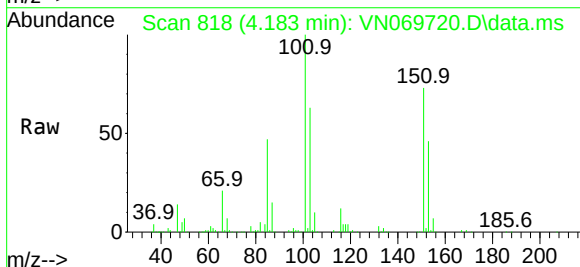
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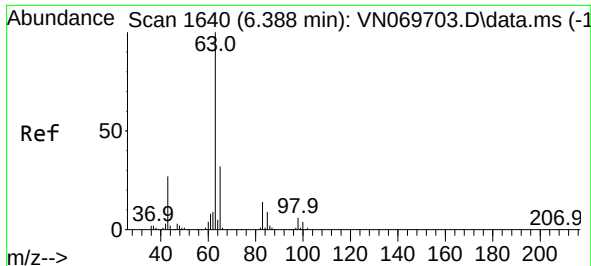
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 1.960 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

Tgt Ion: 96 Resp: 27404
Ion Ratio Lower Upper
96 100
61 165.2 131.0 196.6
98 59.4 52.4 78.6





#24

1,1-Dichloroethane

Concen: 0.239 ug/l

RT: 6.382 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN069720.D

Acq: 3 Dec 2021 16:04

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20211130

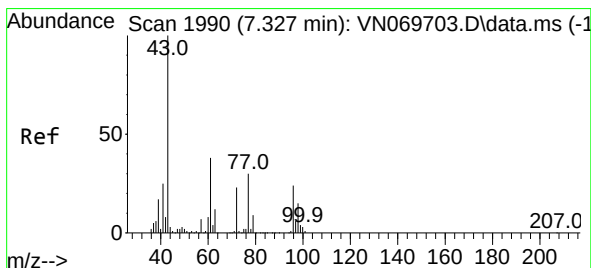
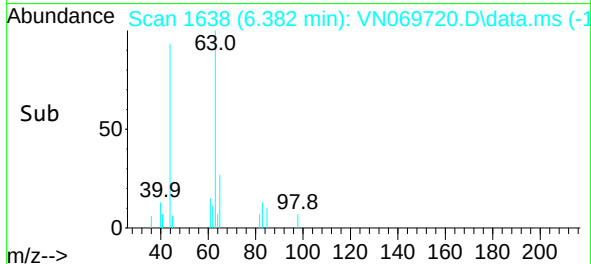
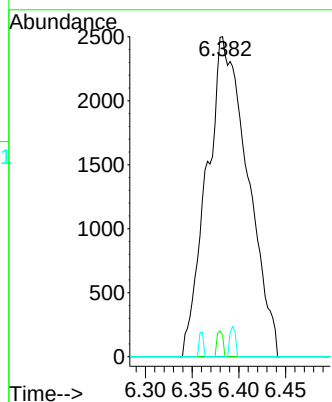
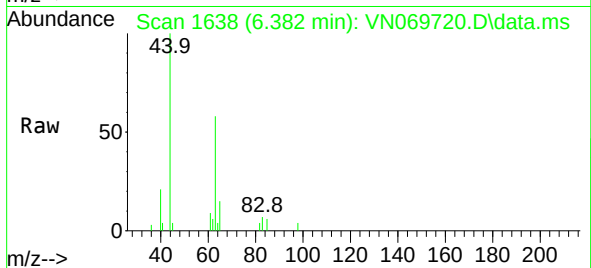
Tgt Ion: 63	Resp: 7624
Ion Ratio	Lower Upper
63 100	
98 6.7	3.3 9.9
100 0.0	2.1 6.5

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#27

cis-1,2-Dichloroethene

Concen: 3.334 ug/l

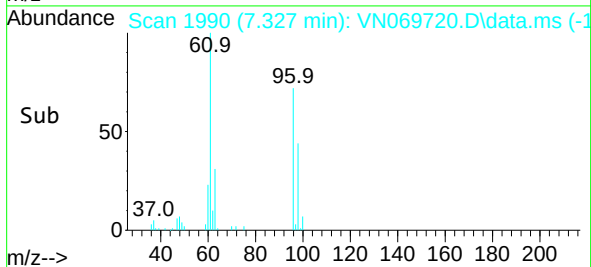
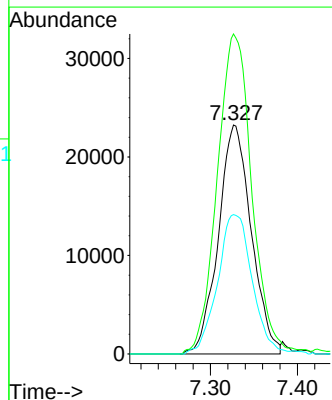
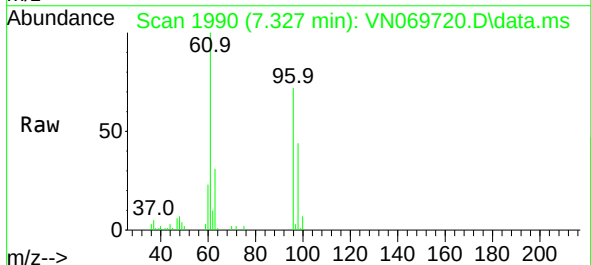
RT: 7.327 min Scan# 1990

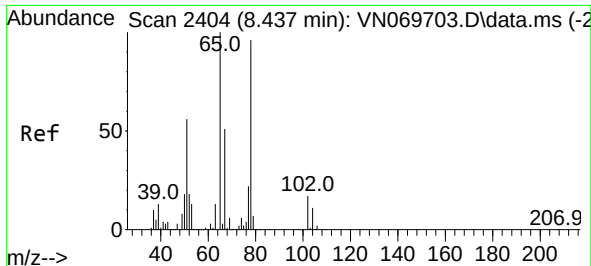
Delta R.T. 0.000 min

Lab File: VN069720.D

Acq: 3 Dec 2021 16:04

Tgt Ion: 96	Resp: 61177
Ion Ratio	Lower Upper
96 100	
61 147.2	0.0 275.0
98 63.8	0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 48.299 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069720.D

Acq: 3 Dec 2021 16:04

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20211130

Tgt Ion: 65 Resp: 1094600

Ion Ratio Lower Upper

65 100

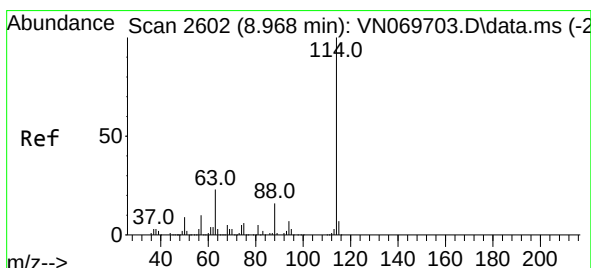
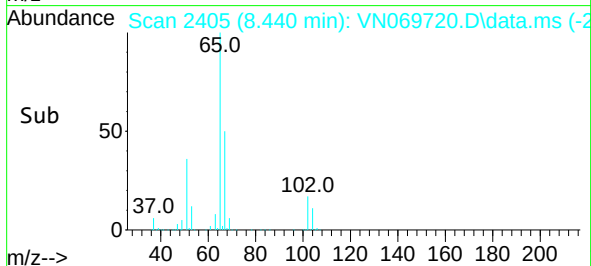
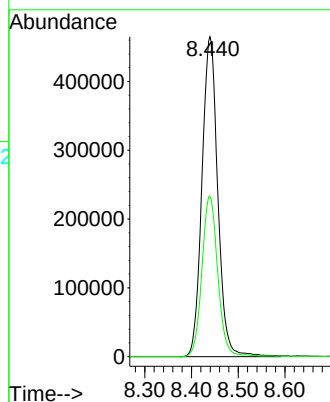
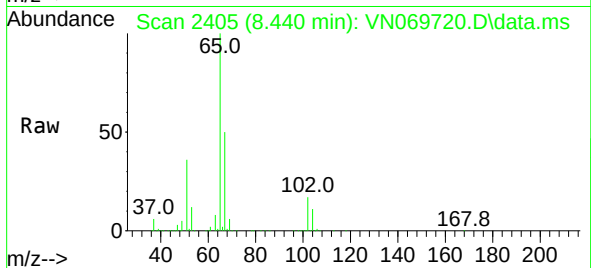
67 49.8 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069720.D

Acq: 3 Dec 2021 16:04

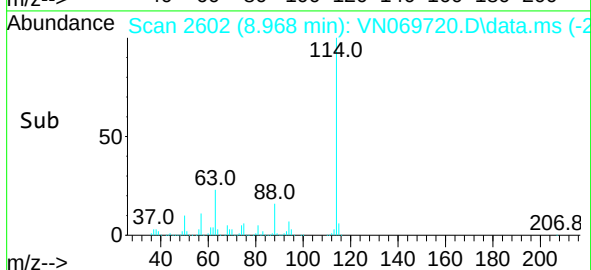
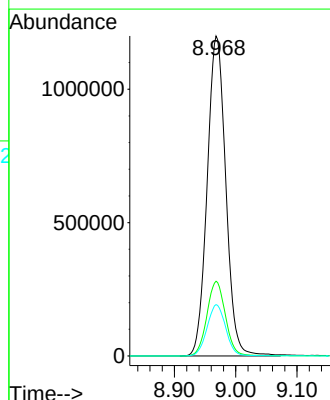
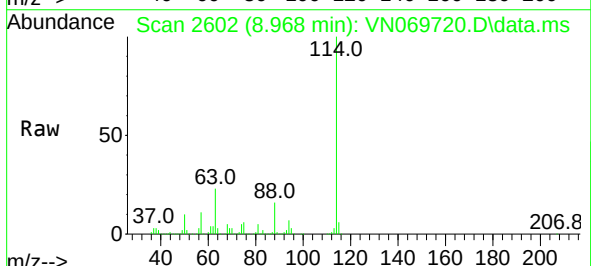
Tgt Ion:114 Resp: 2533044

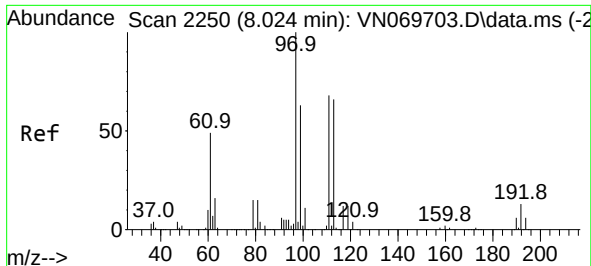
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

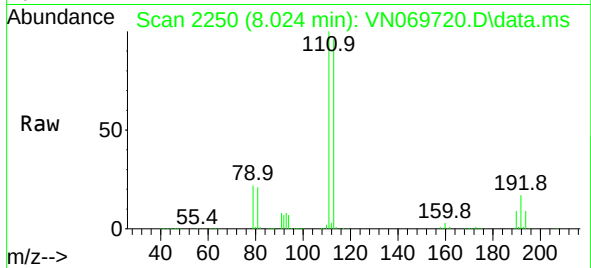
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.898 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

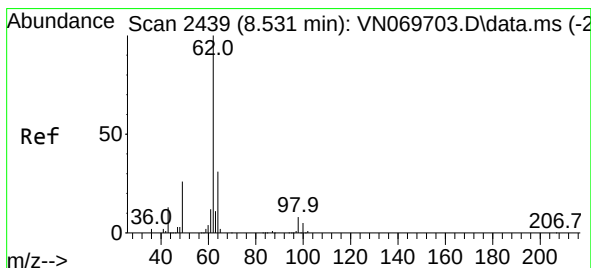
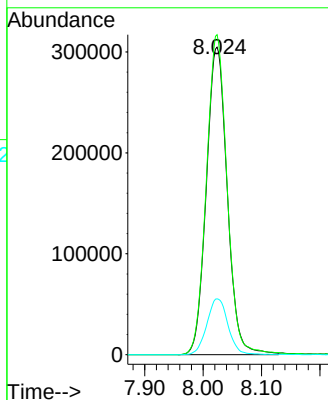
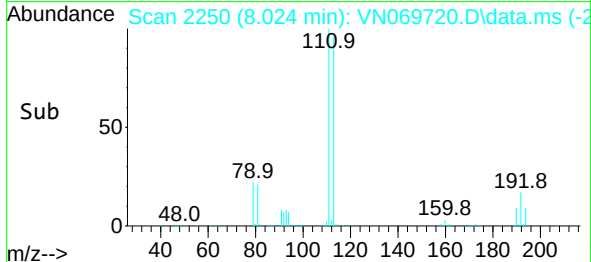
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130



Tgt Ion: 113 Resp: 75997
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.4 16.9 25.3

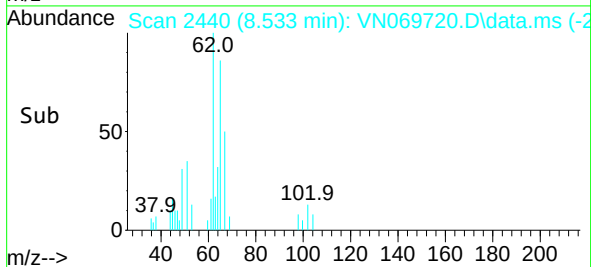
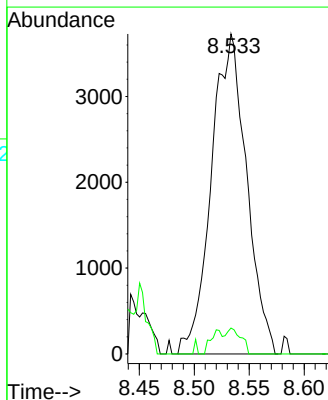
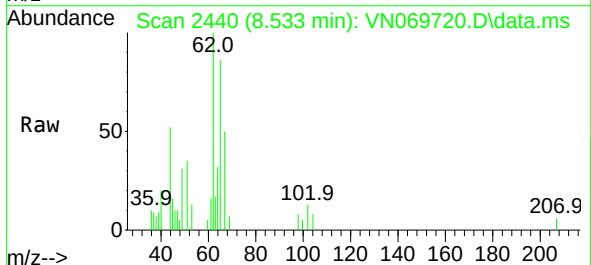
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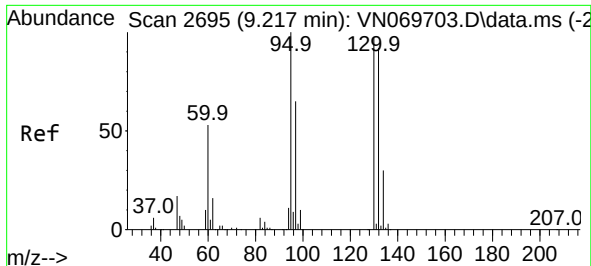
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 0.279 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

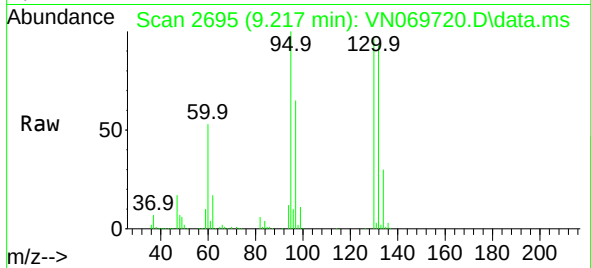
Tgt Ion: 62 Resp: 8289
Ion Ratio Lower Upper
62 100
98 3.1 0.0 17.6





#44
Trichloroethene
Concen: 92.707 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

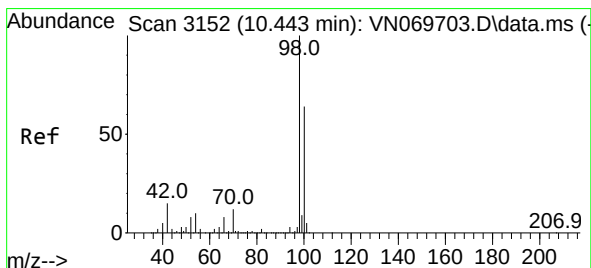
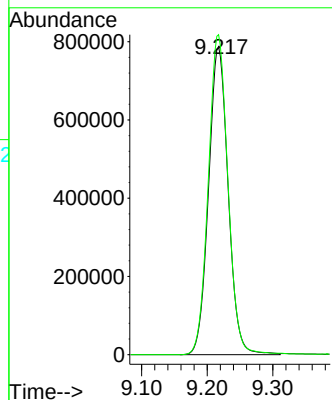
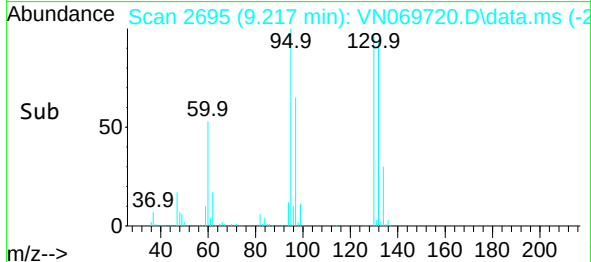
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130



Tgt Ion:130 Resp: 163092
Ion Ratio Lower Upper
130 100
95 103.9 0.0 191.2

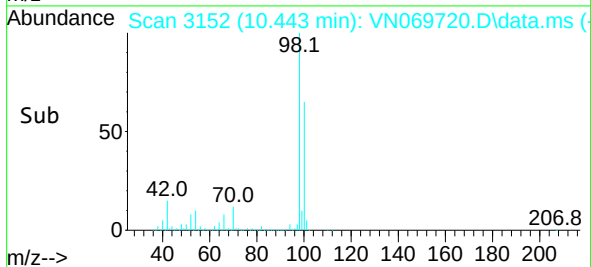
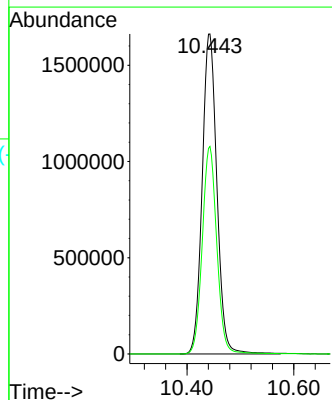
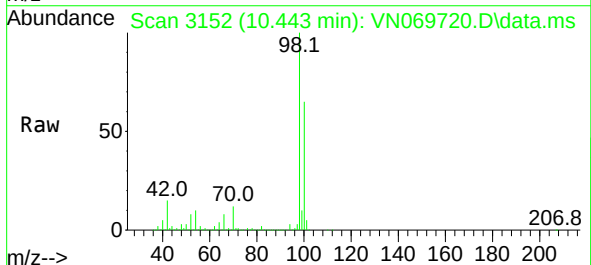
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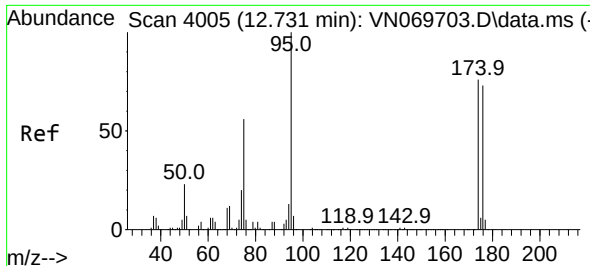
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 49.882 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

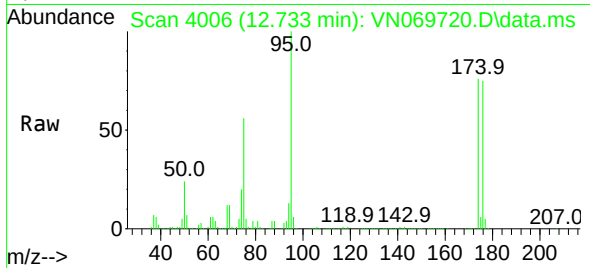
Tgt Ion: 98 Resp: 3177922
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

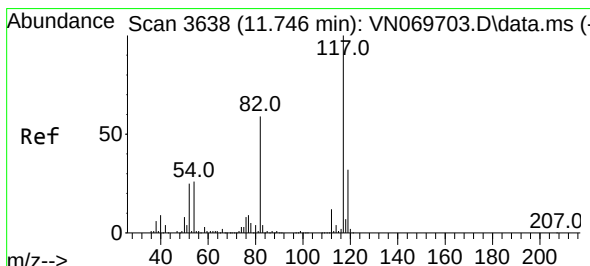
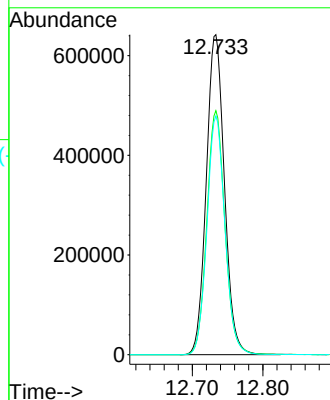
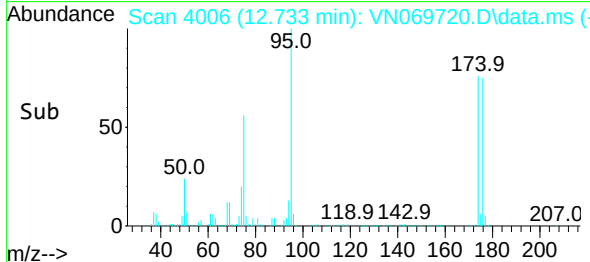
Instrument :
MSVOA_N
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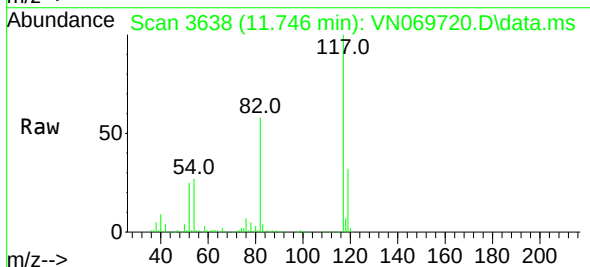
Tgt Ion: 95 Resp: 114743
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.9 0.0 181.4

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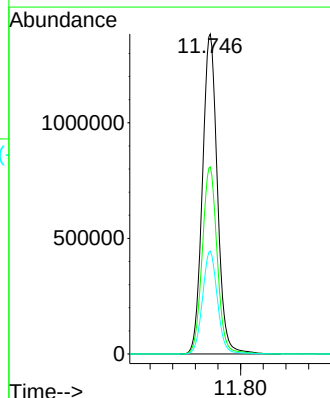
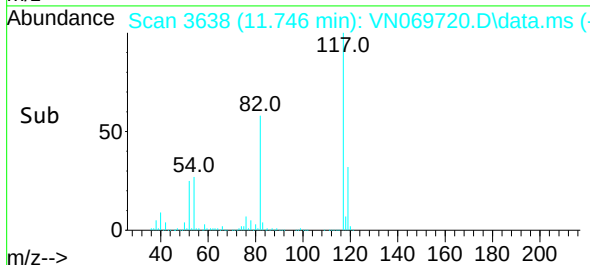
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

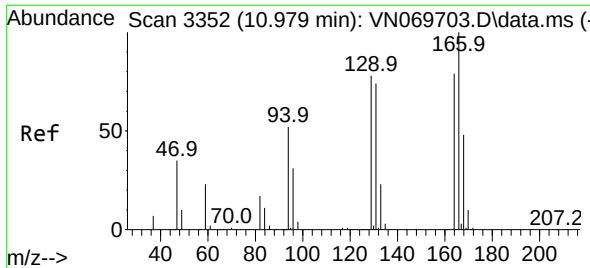


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04



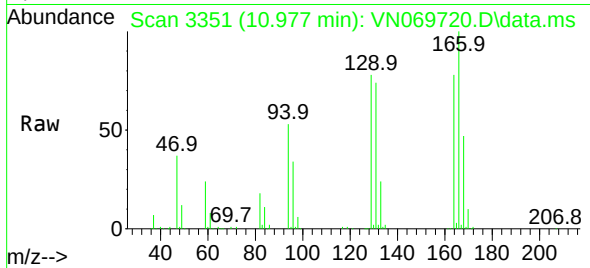
Tgt Ion:117 Resp: 2531186
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.2 25.4 38.2





#64
Tetrachloroethene
Concen: 10.213 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04

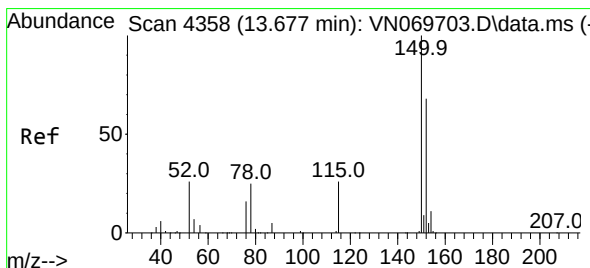
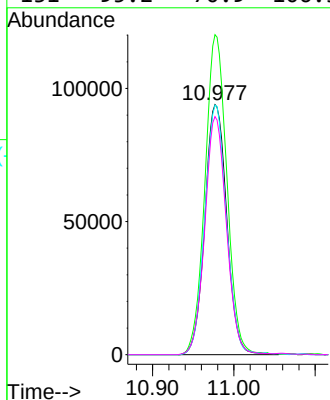
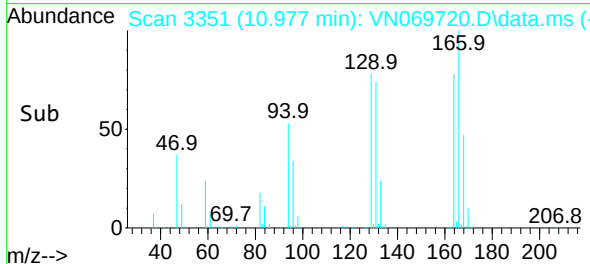
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130



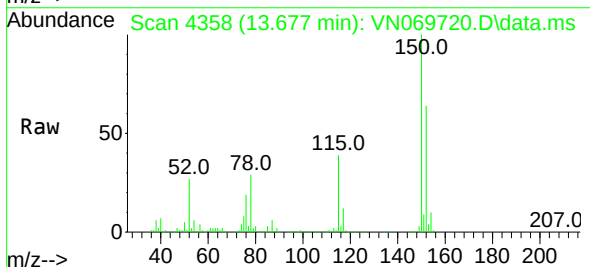
Tgt Ion:164 Resp: 175280
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 99.8 72.0 108.0
131 95.2 70.9 106.3

Manual Integrations
APPROVED

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069720.D
Acq: 3 Dec 2021 16:04



Tgt Ion:152 Resp: 918741
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 157.9 0.0 344.4

