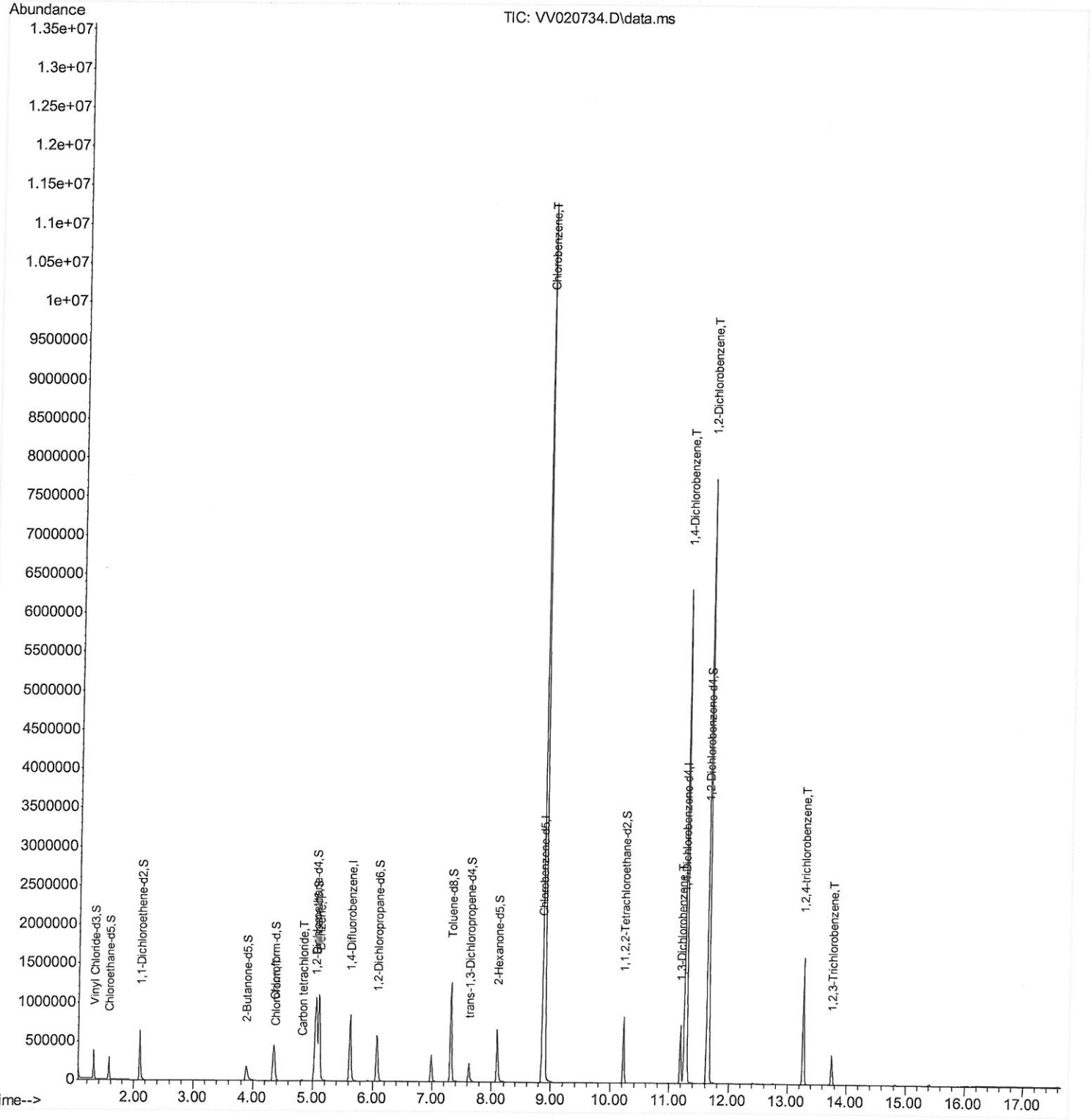
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032421\
Data File : VV020734.D
Acq On : 24 Mar 2021 14:06
Operator : SY/MD
Sample : M1783-04 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 25 03:13:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 25 03:10:36 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0G10

Manual Integrations APPROVED
SAM
3/25/2021 5:03:07 PM



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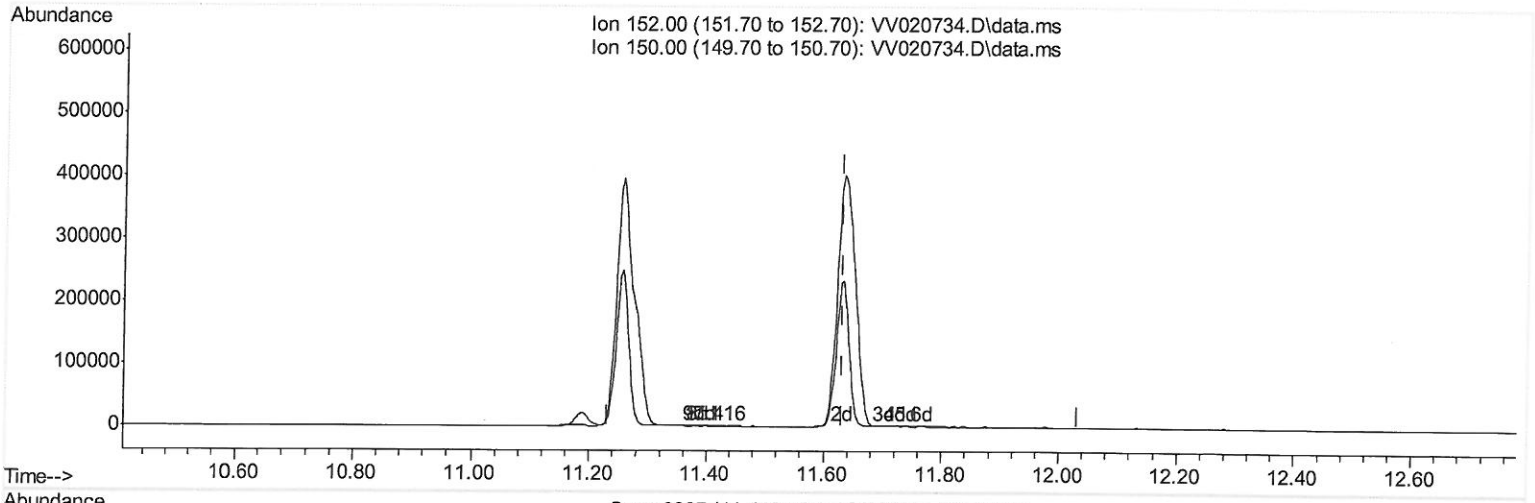

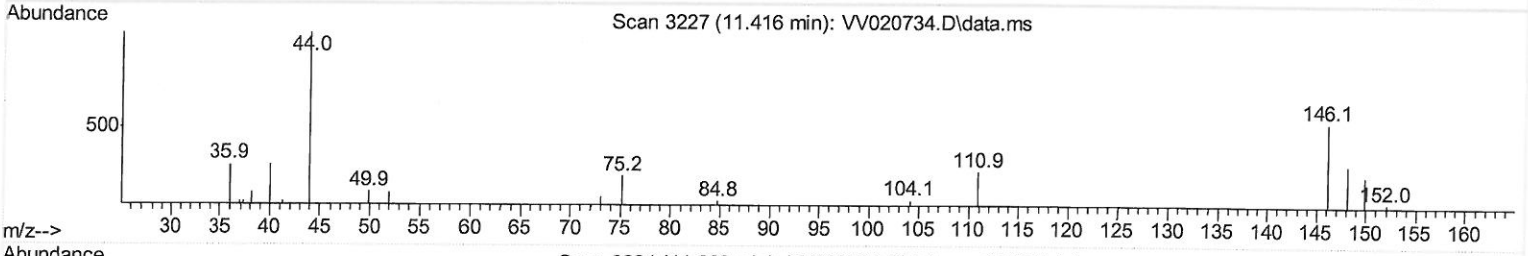

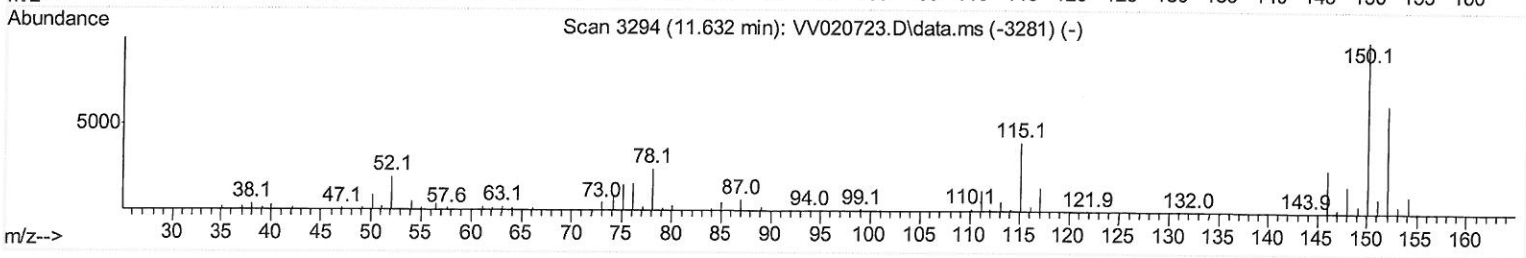

TIC: VV020734.D\data.ms

(64) 1,2-Dichlorobenzene-d4 (S)

11.416min (-0.216) 0.01 ug/L

response 45

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	174.70	193.33
0.00	0.00	0.00
0.00	0.00	0.00

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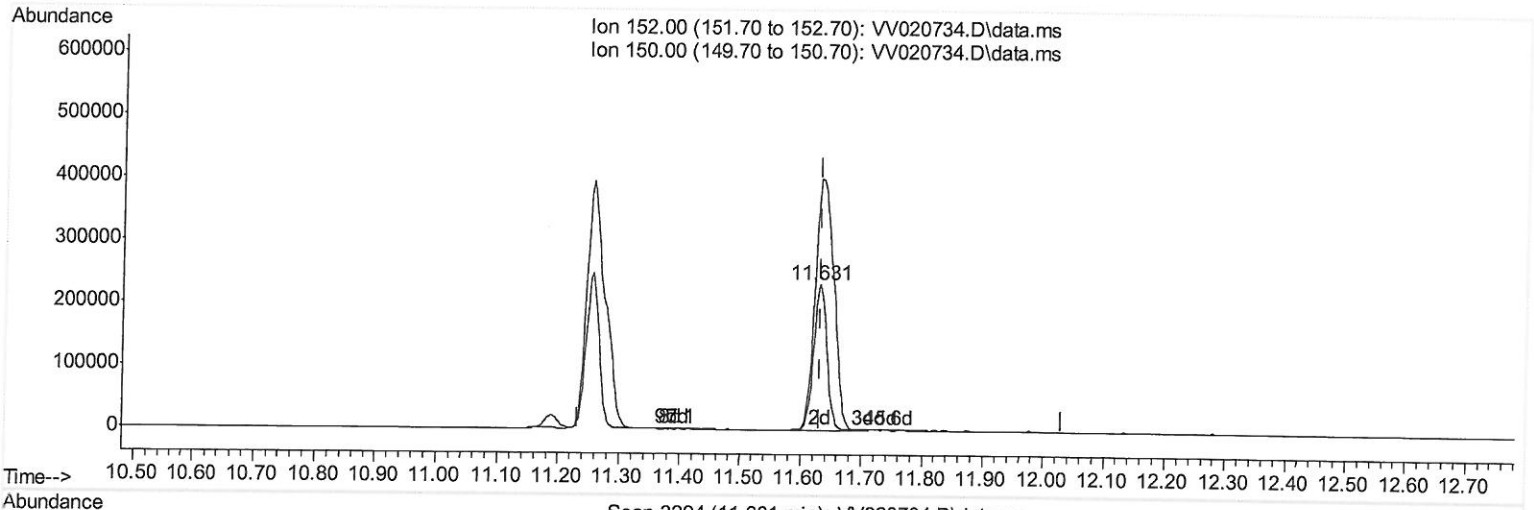

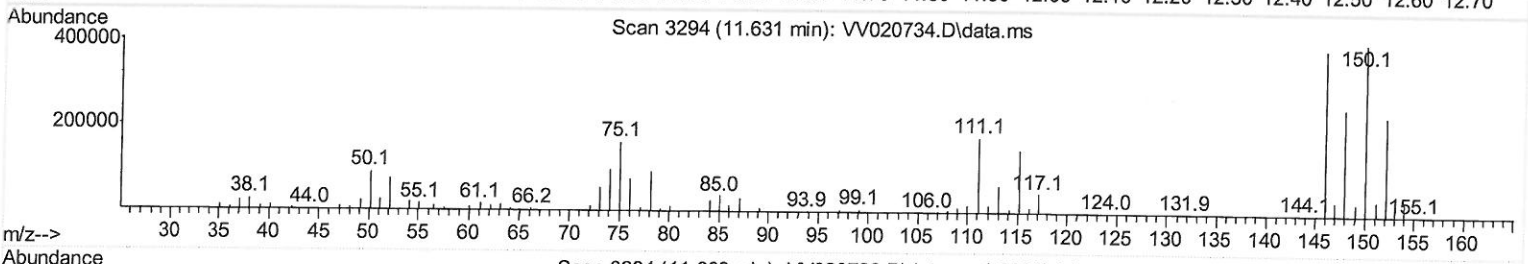

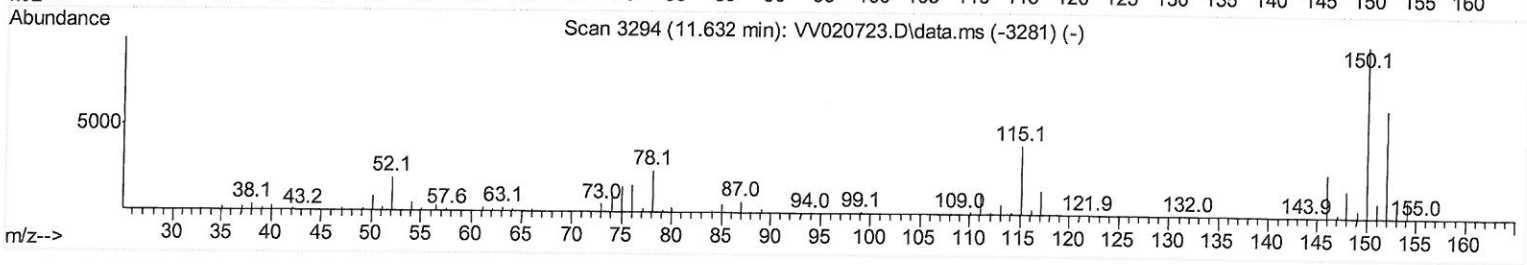

TIC: VV020734.D\data.ms

(64) 1,2-Dichlorobenzene-d4 (S)

11.631min (-0.000) 49.32 ug/L m

response 349745

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	174.70	0.02#
0.00	0.00	0.00
0.00	0.00	0.00

md
5/31/21

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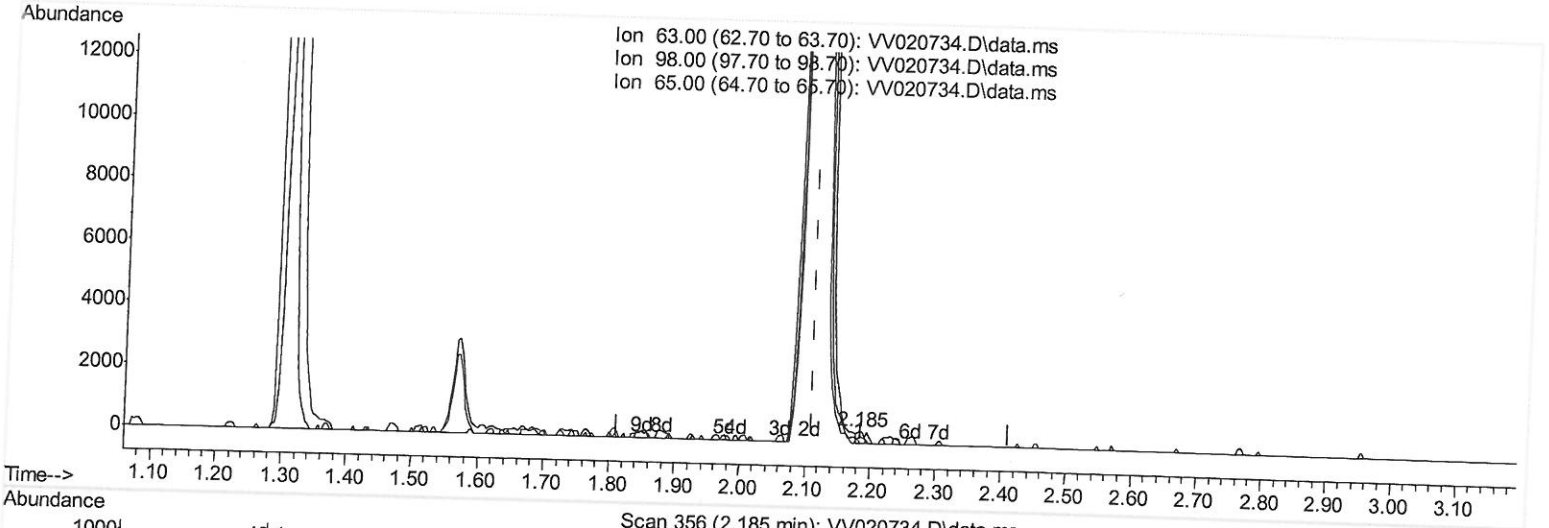

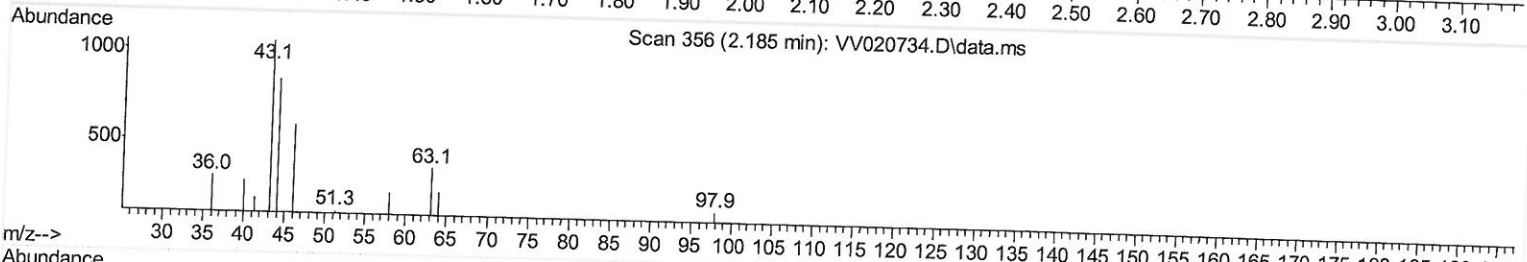

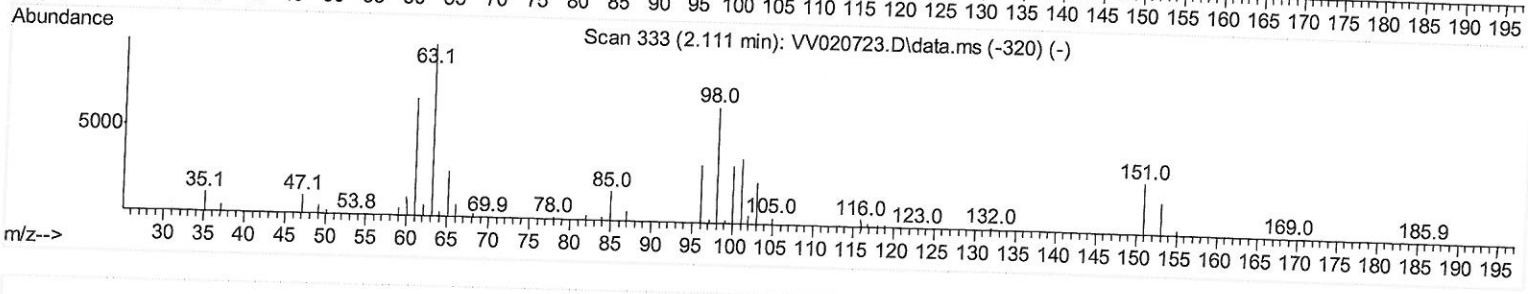

TIC: VV020734.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.185min (+ 0.074) 0.02 ug/L

response 224

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	70.50	66.96
65.00	24.10	18.75
0.00	0.00	0.00

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Manual Integrations APPROVED
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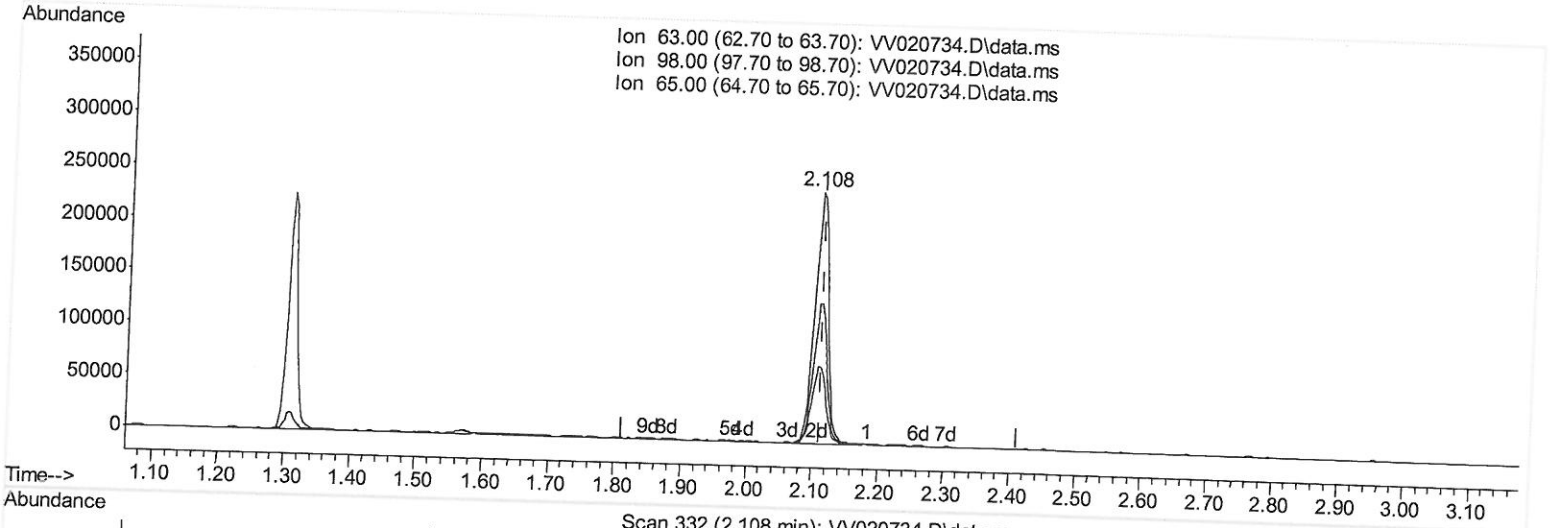
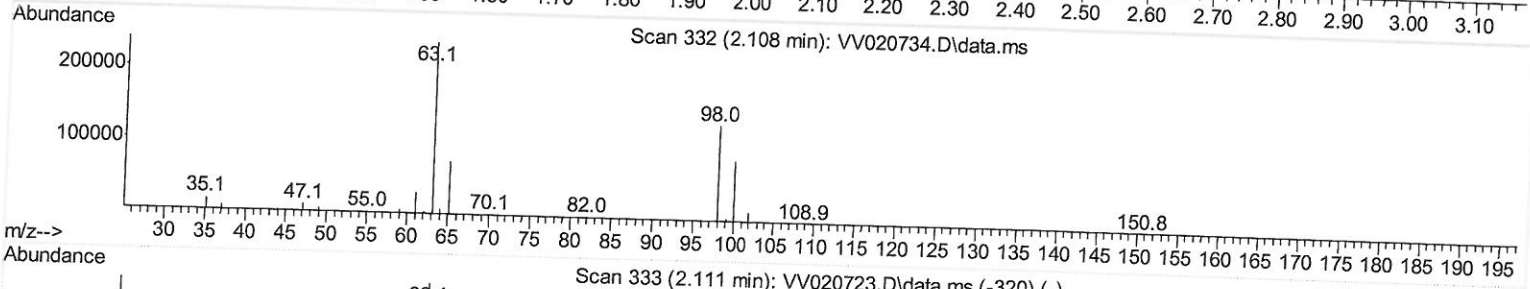
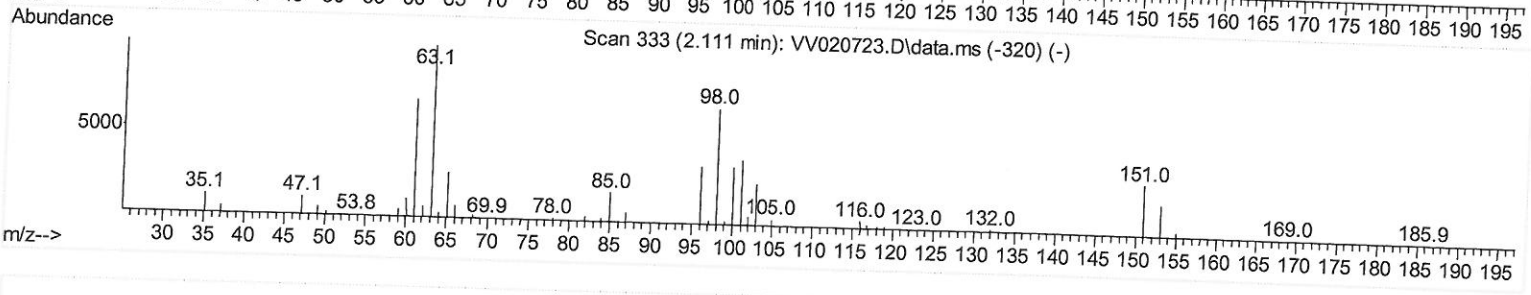
3/25/2021 5:03:07 PM







TIC: VV020734.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.108min (-0.003) 35.12 ug/L m > MQ 3/31/21

response 338217

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	70.50	0.04#
65.00	24.10	0.01#
0.00	0.00	0.00

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Instrument : MSVOA_V
ClientSampleId : C0G10

Manual Integrations APPROVED
SAM
3/25/2021 5:03:07 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	718904	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	702183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	365421	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	221554	43.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.82%			
7) Chloroethane-d5	1.571	69	175643	45.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.04%			
11) 1,1-Dichloroethene-d2	2.108	63	338217m	35.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.24%			
21) 2-Butanone-d5	3.889	46	318323	95.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.87%			
24) Chloroform-d	4.352	84	469055	46.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.48%			
26) 1,2-Dichloroethane-d4	5.037	65	321595	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.24%			
32) Benzene-d6	5.053	84	894860	47.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.62%			
36) 1,2-Dichloropropane-d6	6.072	67	273987	47.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.36%			
41) Toluene-d8	7.320	98	814824	46.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.54%			
43) trans-1,3-Dichloroprop...	7.625	79	139923	45.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.54%			
47) 2-Hexanone-d5	8.091	63	239183	99.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.28%			
57) 1,1,2,2-Tetrachloroeth...	10.223	84	382370	45.68	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.36%			
64) 1,2-Dichlorobenzene-d4	11.631	152	349745m	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.64%			
Target Compounds						Qvalue
25) Chloroform	4.381	83	14351	1.51	ug/L	96
31) Carbon tetrachloride	4.838	117	5994	0.77	ug/L #	77
33) Benzene	5.104	78	1107500	57.18	ug/L	100
51) Chlorobenzene	8.886	112	5613496	397.25	ug/L	97
62) 1,3-Dichlorobenzene	11.188	146	296070	26.55	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	2386866	205.80	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	2872827	261.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	475763	64.91	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	113999	15.53	ug/L	99

> MD 3/31/21

> MD 3/31/21

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