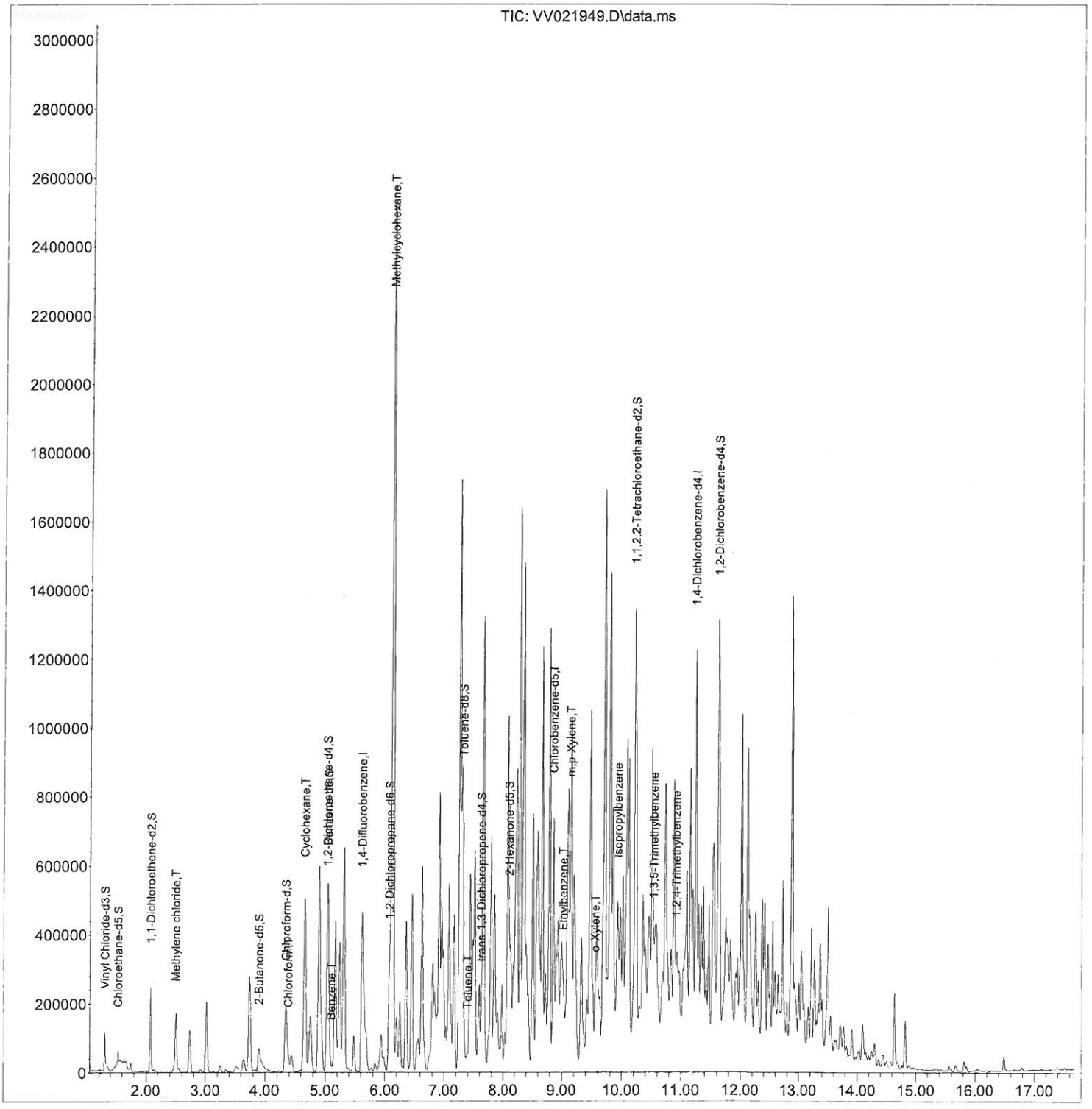
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
Data File : VV021949.D
Acq On : 25 Aug 2021 15:11
Operator : SY/MD
Sample : M3526-08ME
Misc : 3.70g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 26 05:19:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
EW7C0ME

Manual Integrations APPROVED
SAM
8/26/2021 1:08:17 PM



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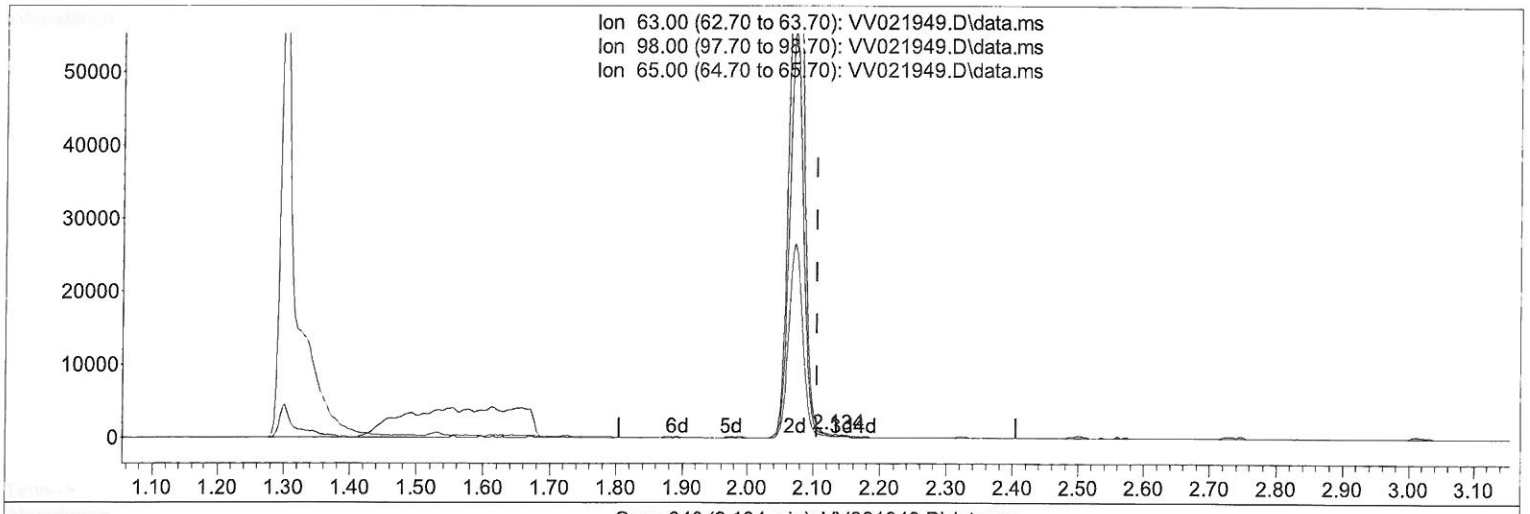

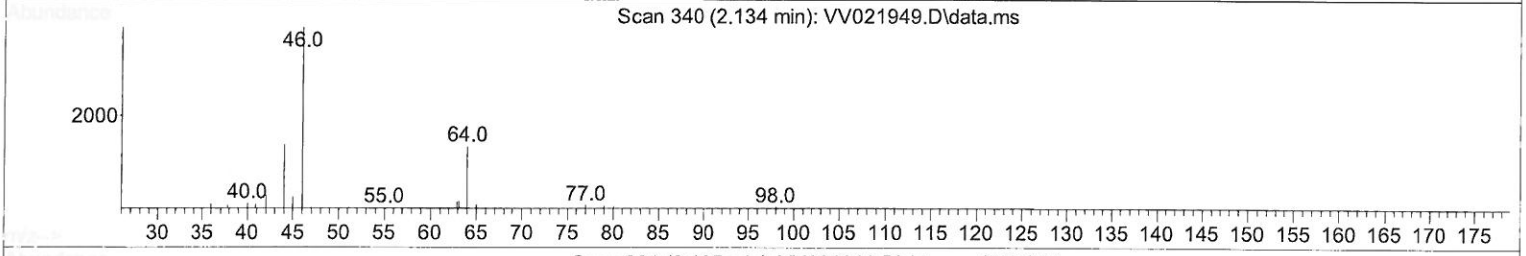

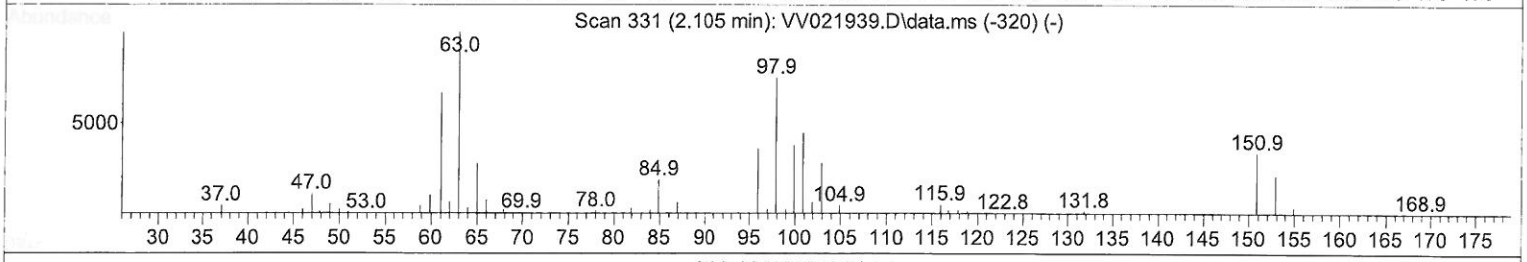

TIC: VV021949.D\data.ms

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

2.134min (+ 0.029) 0.03 ug/L

response 149

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	78.40	0.00#
65.00	23.30	0.00#
0.00	0.00	0.00

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ClientSampleId :
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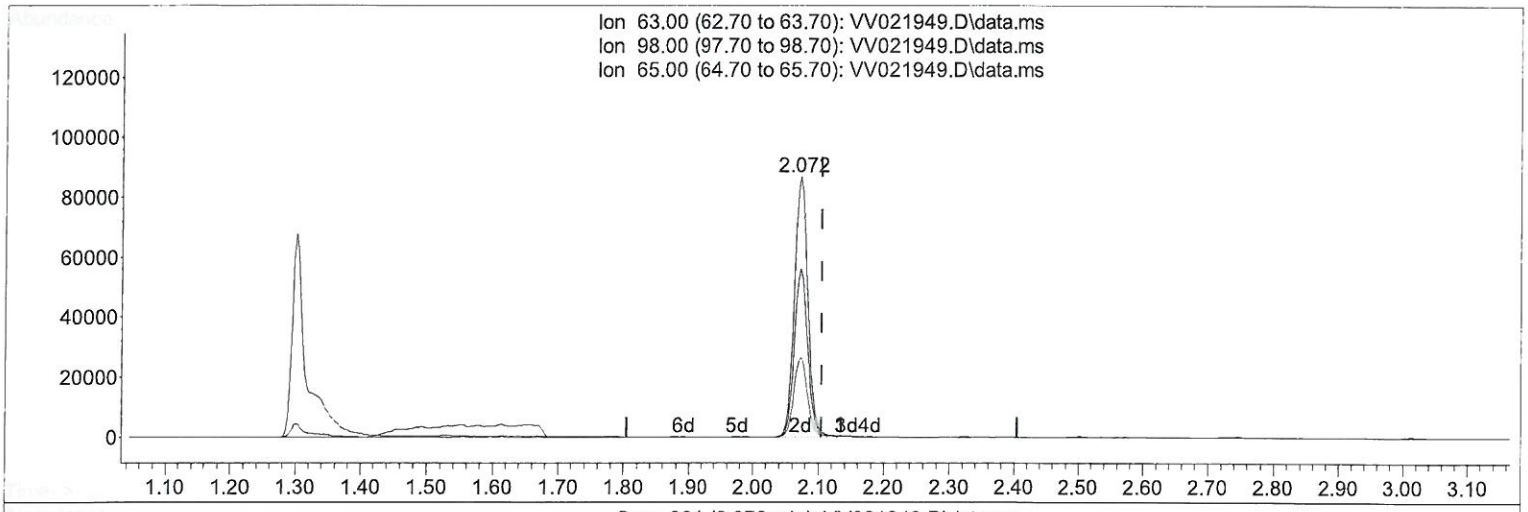
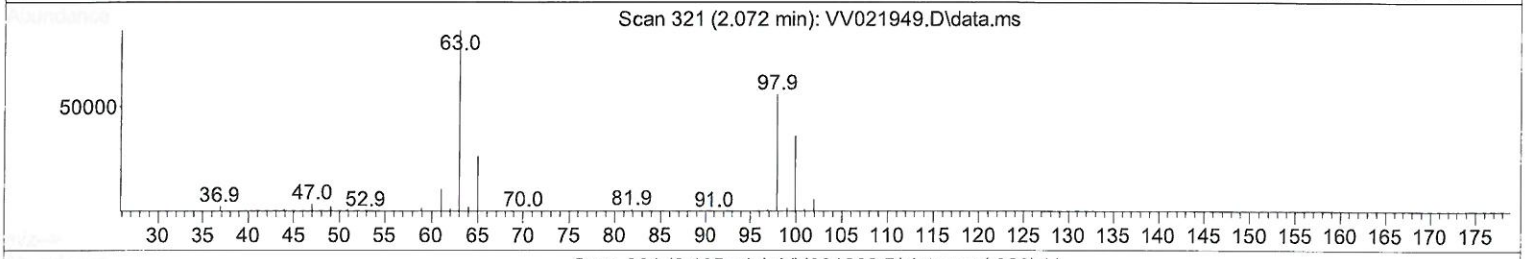
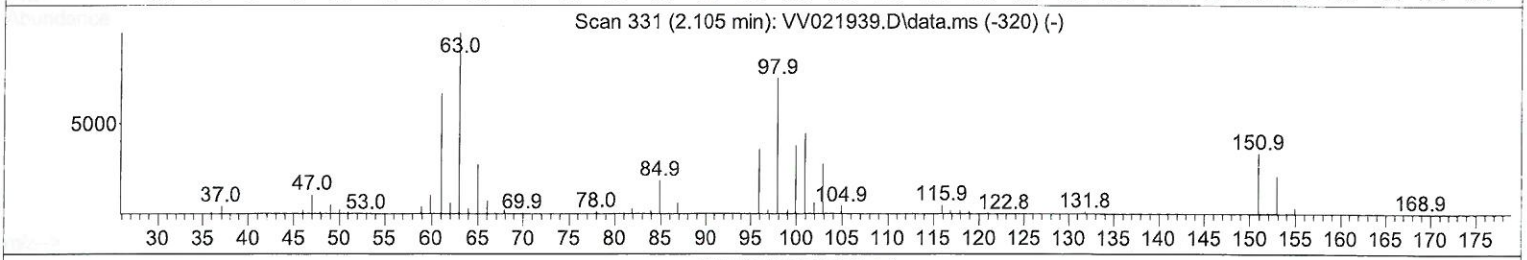
Manual Integrations APPROVED
SAM
8/26/2021 1:08:17 PM







TIC: VV021949.D\data.ms

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

2.072min (-0.032) 22.79 ug/L m

9/7/21

response 126417

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	78.40	0.00#
65.00	23.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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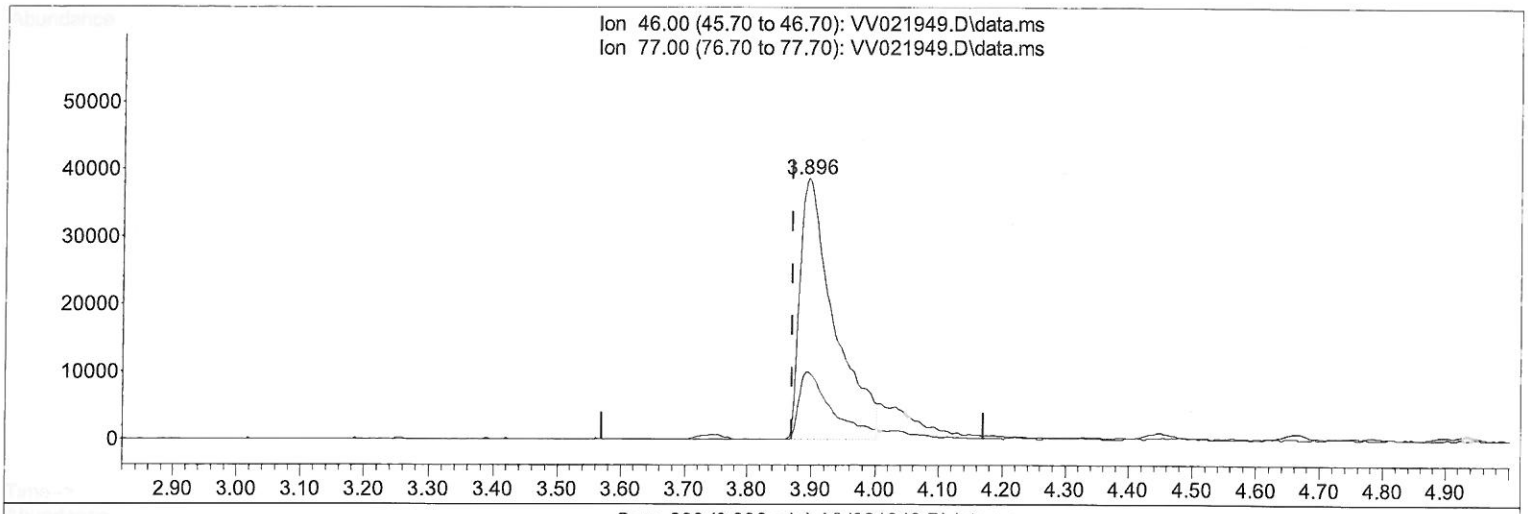
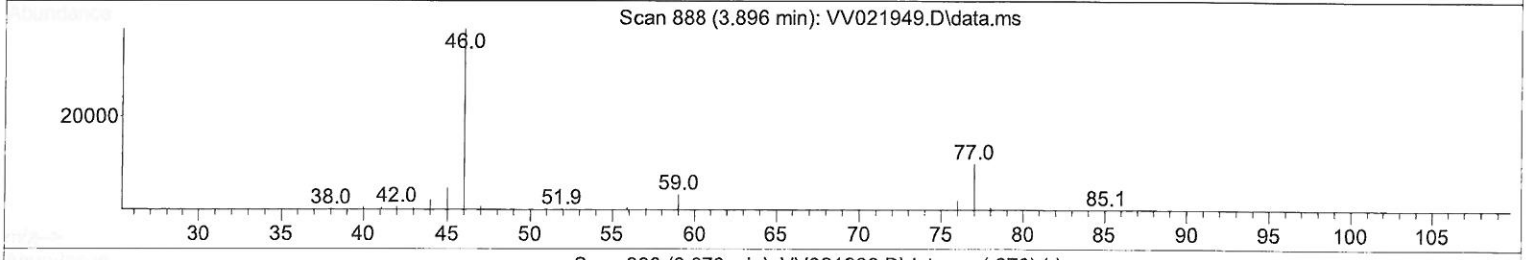
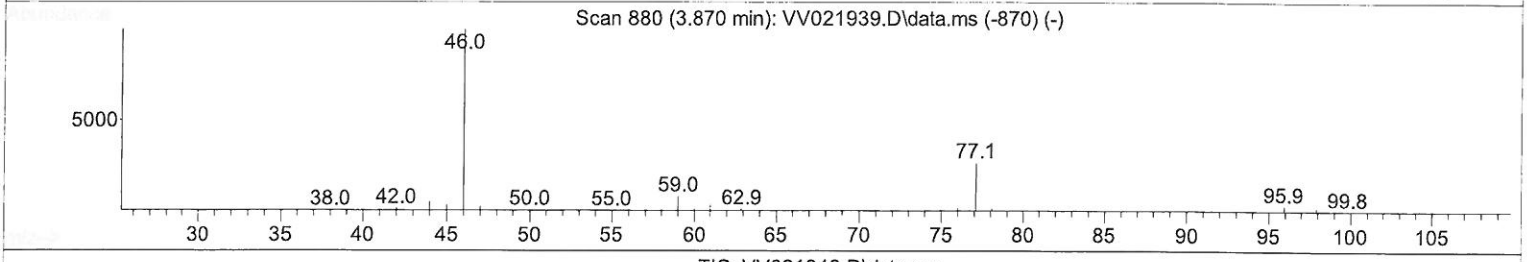
Manual Integrations APPROVED
SAM
8/26/2021 1:08:17 PM







TIC: VV021949.D\data.ms

(21) 2-Butanone-d5 (S)

3.896min (+ 0.026) 65.48 ug/L

response 141911

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	23.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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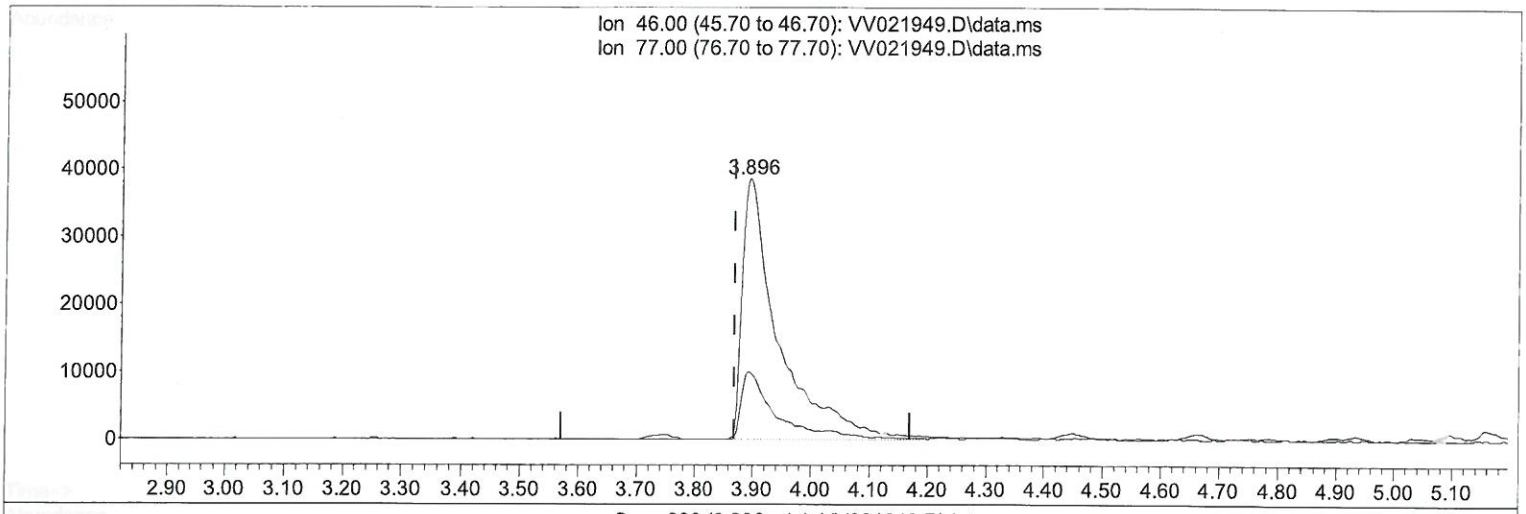
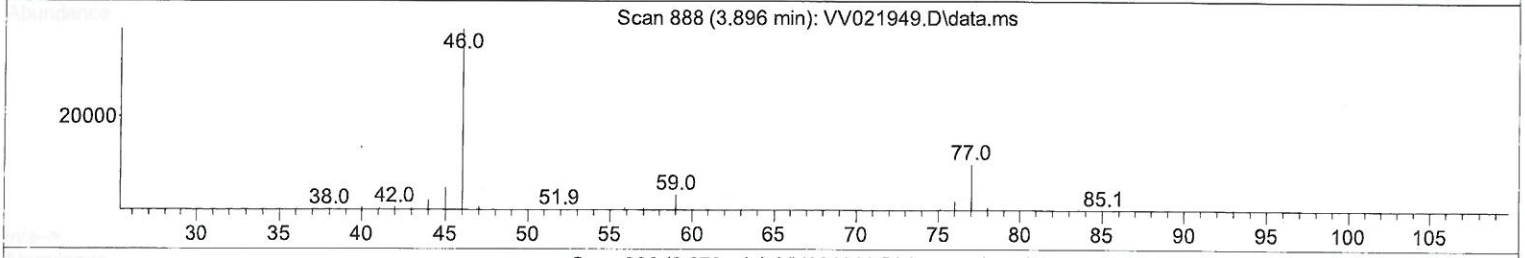
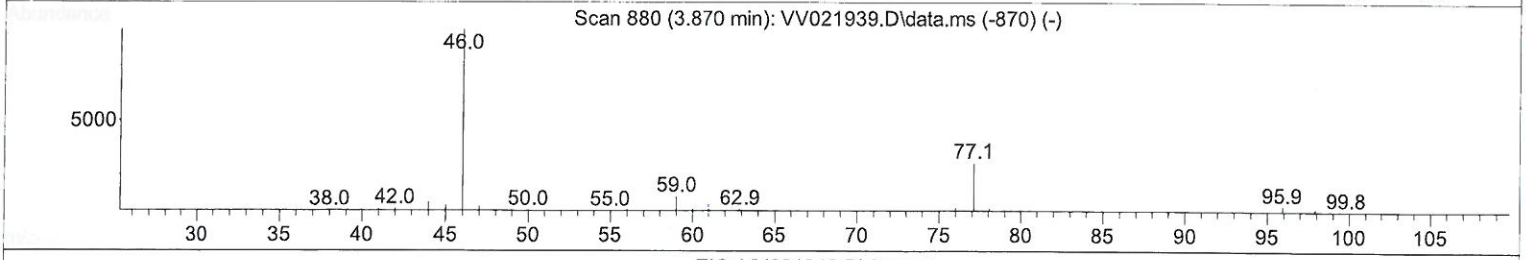
MSVOA_V
ClientSampleId :
EW7C0ME

Manual Integrations APPROVED
SAM
8/26/2021 1:08:17 PM







TIC: VV021949.D\data.ms

(21) 2-Butanone-d5 (S)

3.896min (+ 0.026) 76.58 ug/L m

response 165970

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	19.69
0.00	0.00	0.00
0.00	0.00	0.00

9/7/21

Quantitation Report (Qedit)

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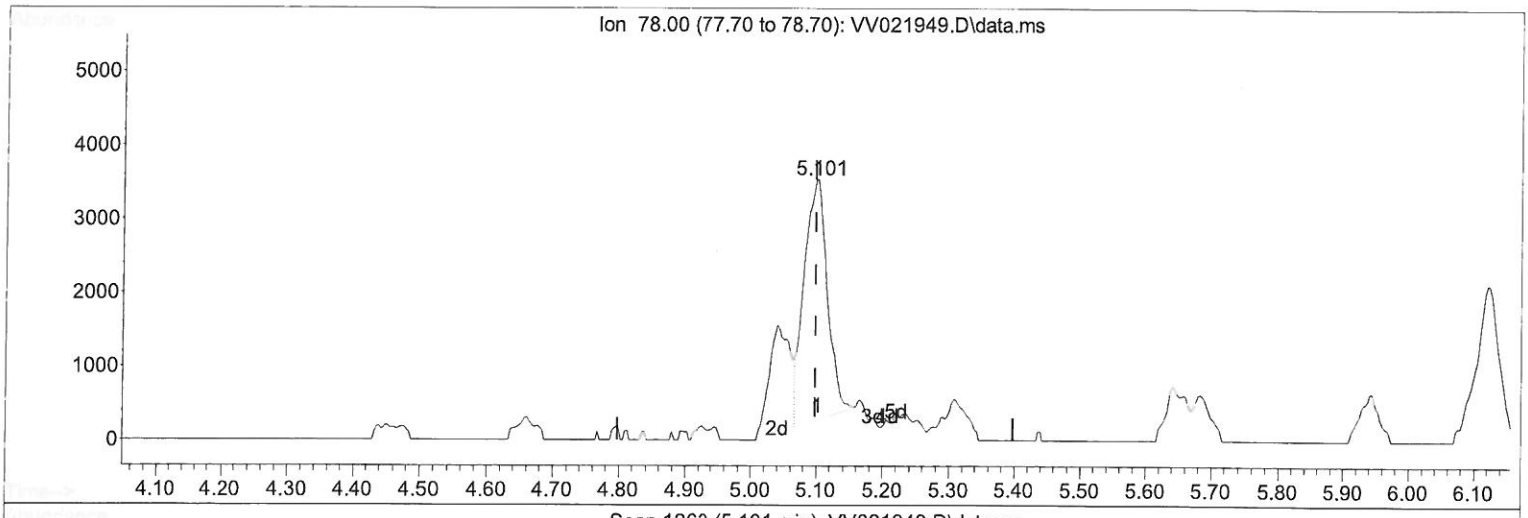

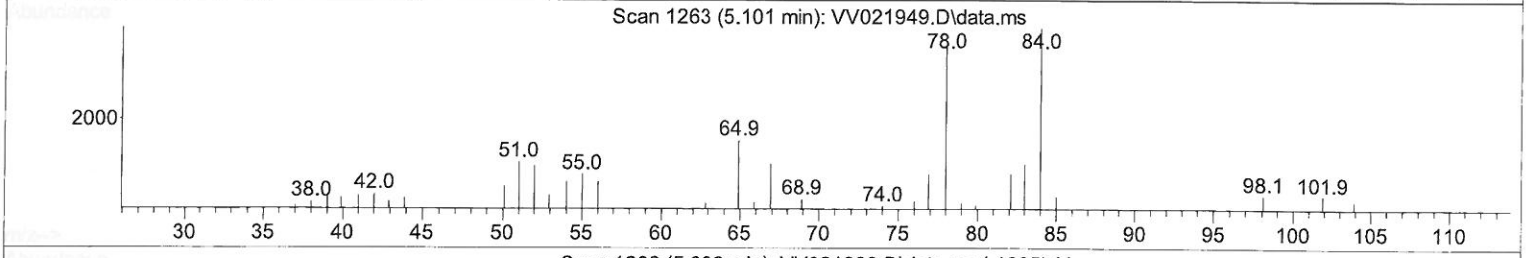

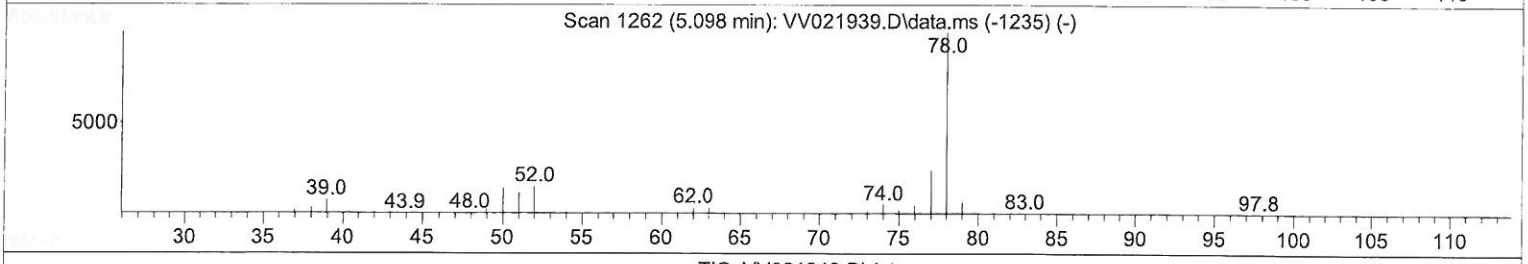

TIC: VV021949.D\data.ms

(33) Benzene (T)

5.101min (+ 0.003) 0.62 ug/L

response 7958

Ion	Exp%	Act%
78.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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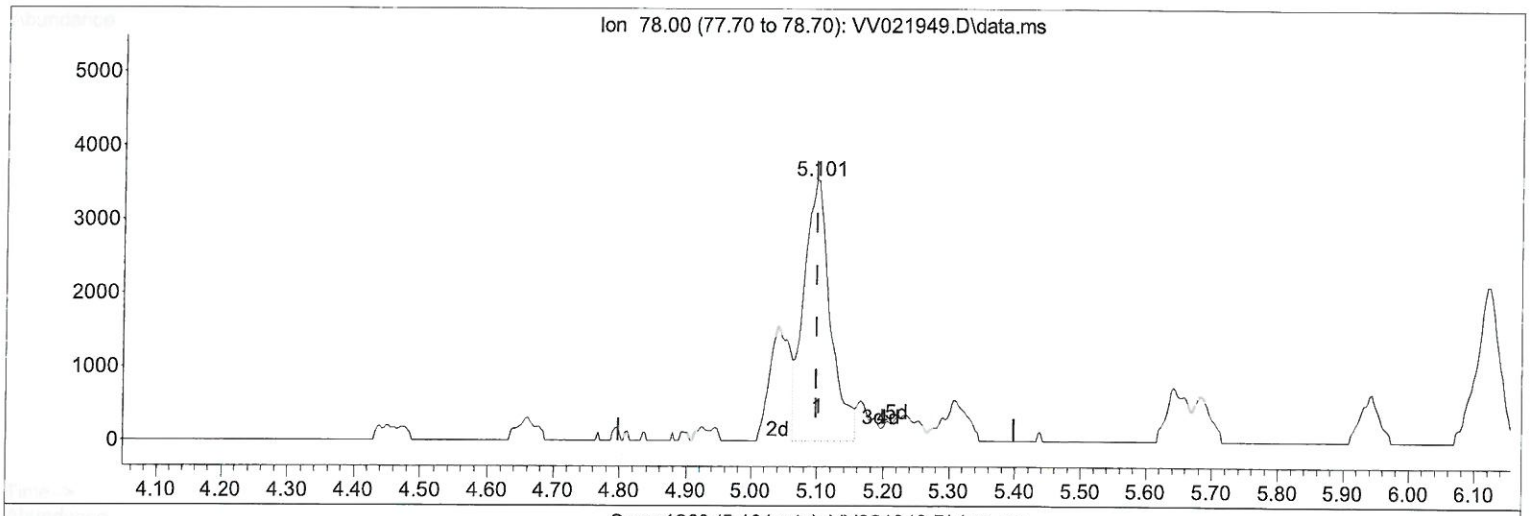

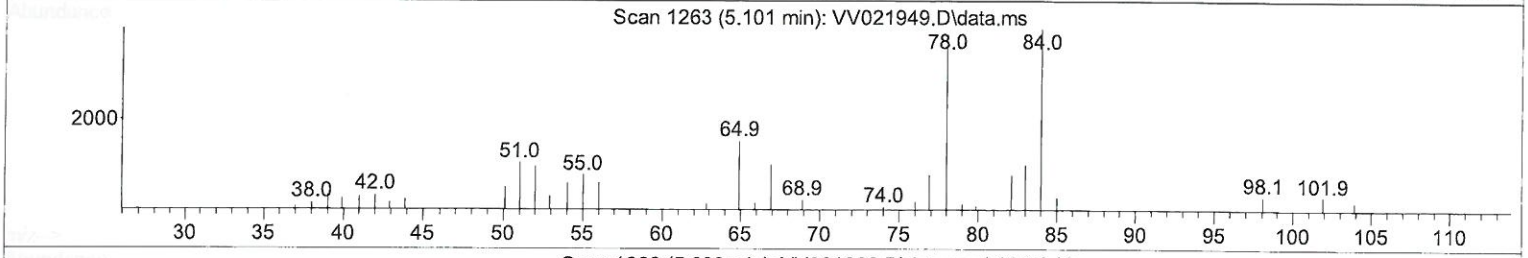

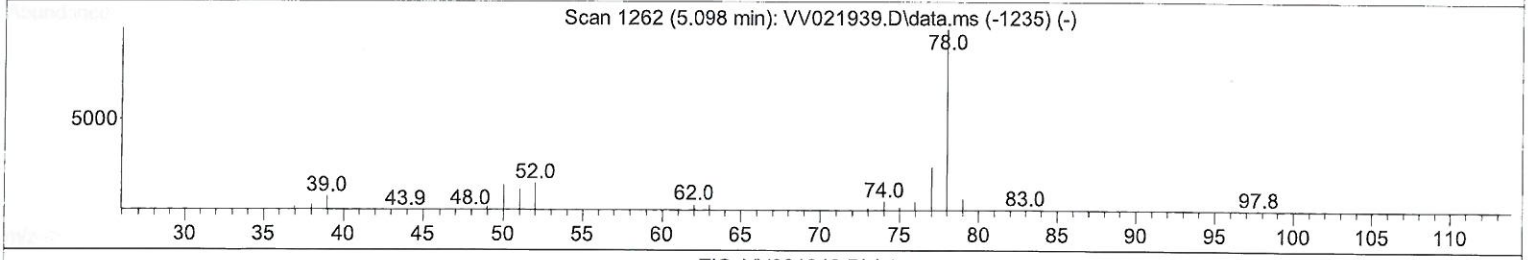

TIC: VV021949.D\data.ms

(33) Benzene (T)

5.101min (+ 0.003) 0.76 ug/L m

response 9832

Ion	Exp%	Act%
78.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

9/7/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	445732	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	418729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	234046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	106322	30.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 61.020%			
7) Chloroethane-d5	1.529	69	27673	10.524	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 21.040%#			
11) 1,1-Dichloroethene-d2	2.072	63	126417m	22.791	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 45.580%#			
21) 2-Butanone-d5	3.896	46	165970m	76.583	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 76.580%			
24) Chloroform-d	4.346	84	223166	36.965	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.940%			
26) 1,2-Dichloroethane-d4	5.031	65	145206	41.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.620%			
32) Benzene-d6	5.043	84	485244	40.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.600%			
36) 1,2-Dichloropropane-d6	6.069	67	154524	41.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.420%			
41) Toluene-d8	7.317	98	484282	43.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.020%			
43) trans-1,3-Dichloroprop...	7.625	79	67260	36.447	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.900%			
47) 2-Hexanone-d5	8.104	63	132529	107.837	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.840%			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	233880	50.332	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.660%			
66) 1,2-Dichlorobenzene-d4	11.628	152	206408	42.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.220%			
Target Compounds						Qvalue
16) Methylene chloride	2.490	84	4479	1.222	ug/L #	63
25) Chloroform	4.381	83	14180	2.394	ug/L	86
29) Cyclohexane	4.661	56	206607	40.063	ug/L #	87
33) Benzene	5.101	78	9832m	0.763	ug/L	
35) Methylcyclohexane	6.124	83	1233742	228.377	ug/L	96
42) Toluene	7.397	91	18172	1.320	ug/L	98
52) Ethylbenzene	9.018	91	61505	4.189	ug/L	99
53) m,p-Xylene	9.143	106	39022	6.858	ug/L	93
54) o-Xylene	9.551	106	5121	0.908	ug/L	63
60) Isopropylbenzene	9.934	105	165991	10.579	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	24298	1.845	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	19305	1.442	ug/L	99

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