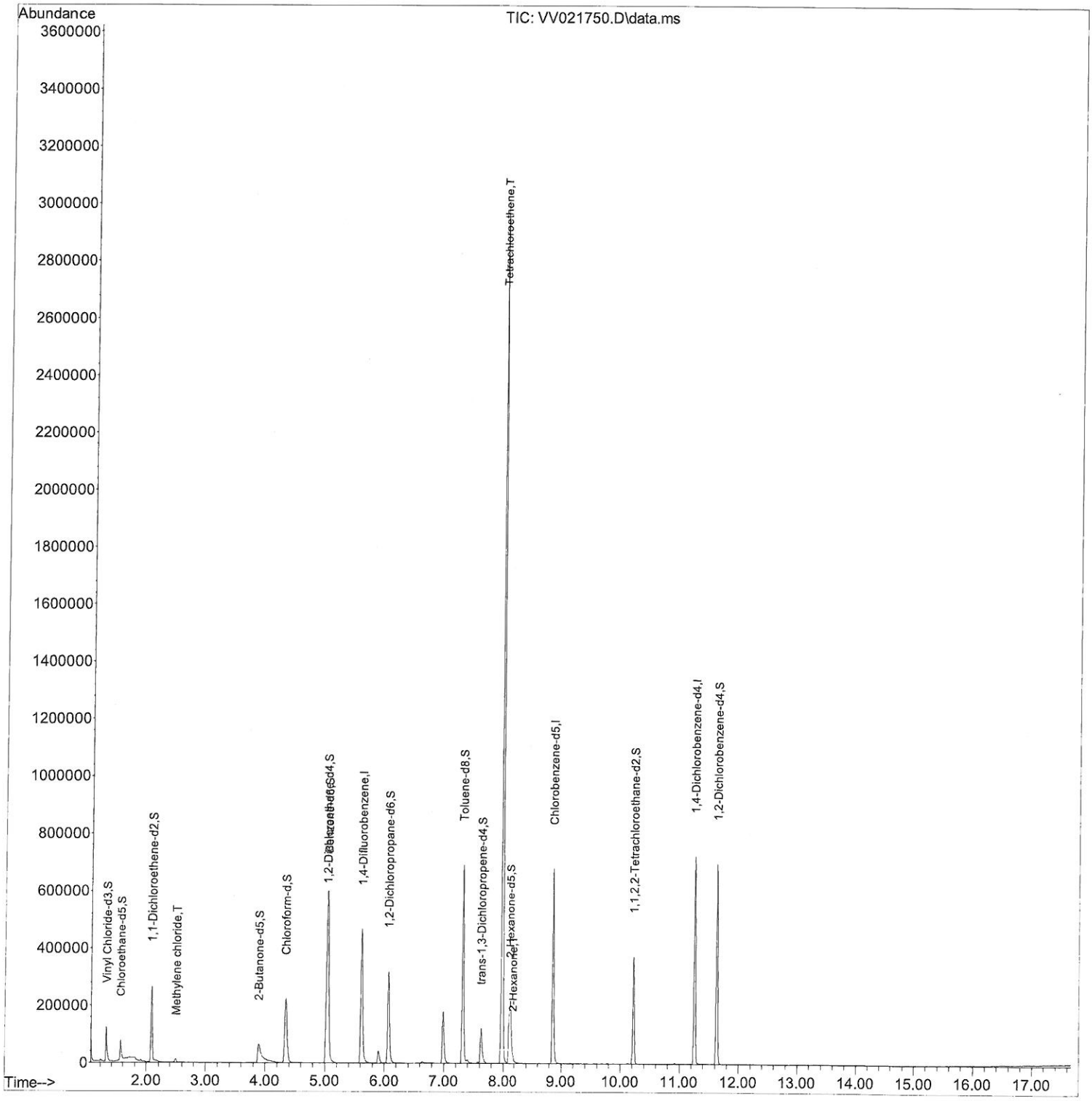
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080621\
Data File : VV021750.D
Acq On : 06 Aug 2021 12:39
Operator : SY/MD
Sample : M3264-06ME
Misc : 7.79g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 07 01:50:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 07 01:48:22 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GB645ME

Manual Integrations APPROVED
MMDadoda
8/9/2021 9:30:52 AM



Quantitation Report (Qedit)

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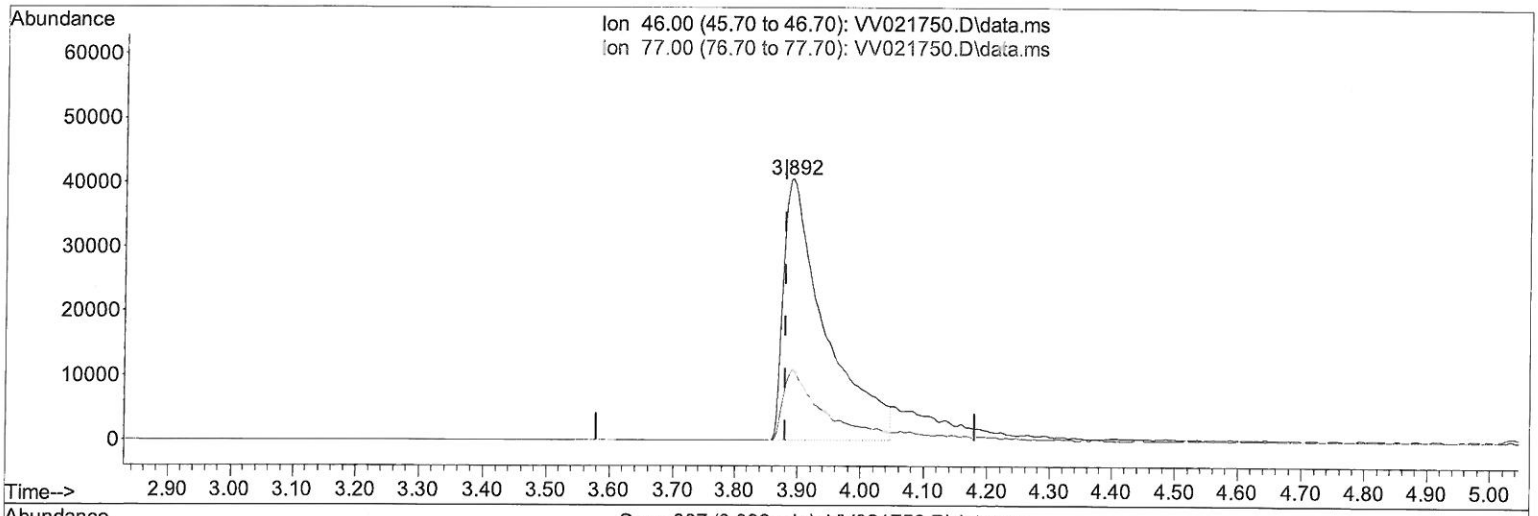

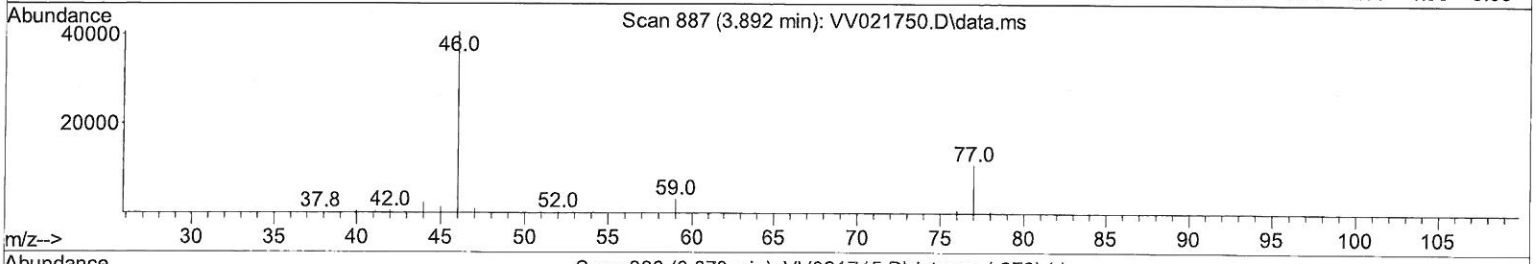

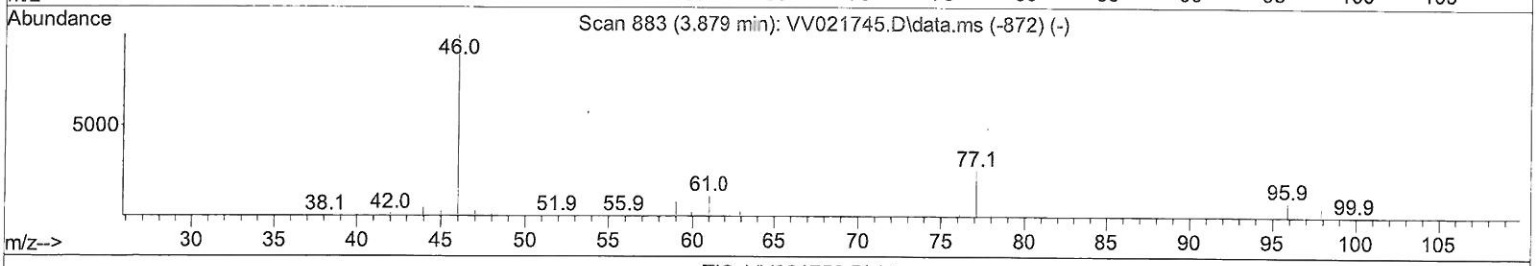

TIC: VV021750.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.013) 76.51 ug/L

response 185420

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.40	19.74
0.00	0.00	0.00
0.00	0.00	0.00

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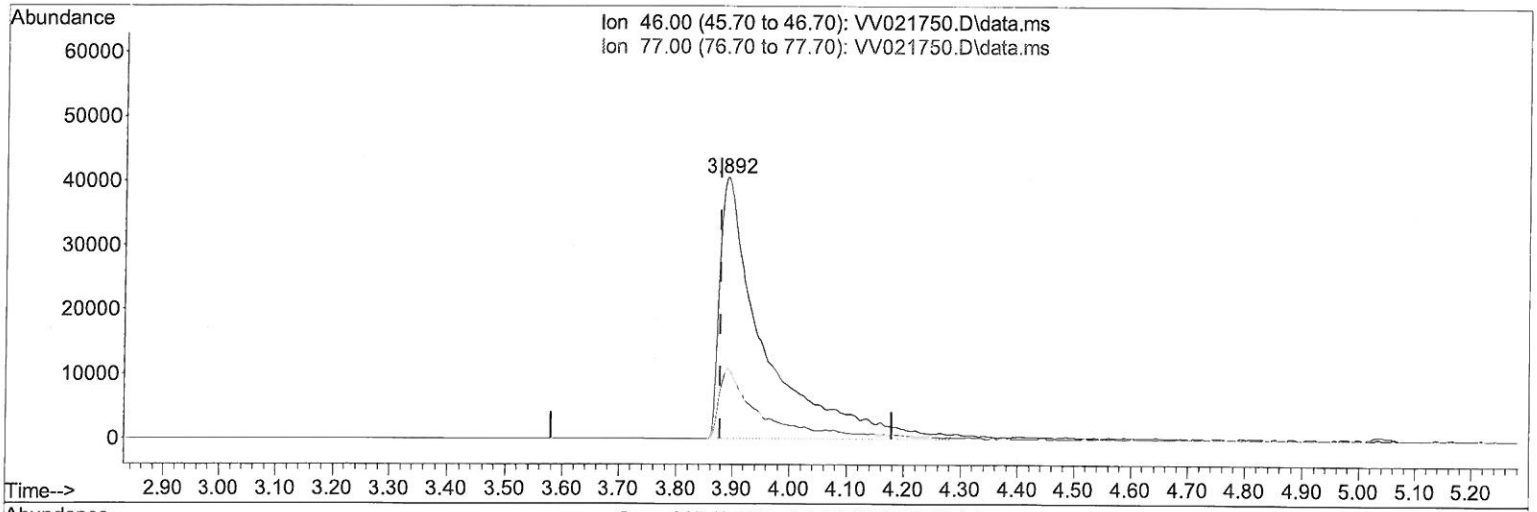
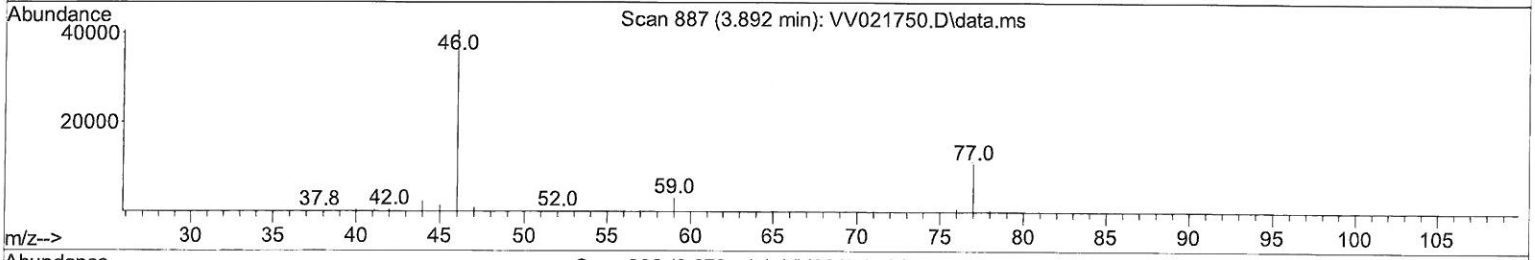
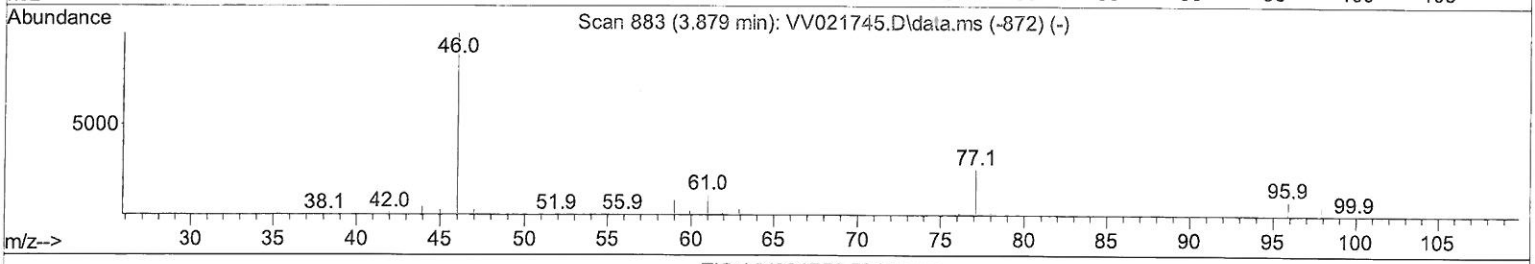
Manual Integrations APPROVED
MMDadoda
8/9/2021 9:30:52 AM







TIC: VV021750.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.013) 90.56 ug/L m

response 219461

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.40	16.67#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 8/18/21

Quantitation Report (Qedit)

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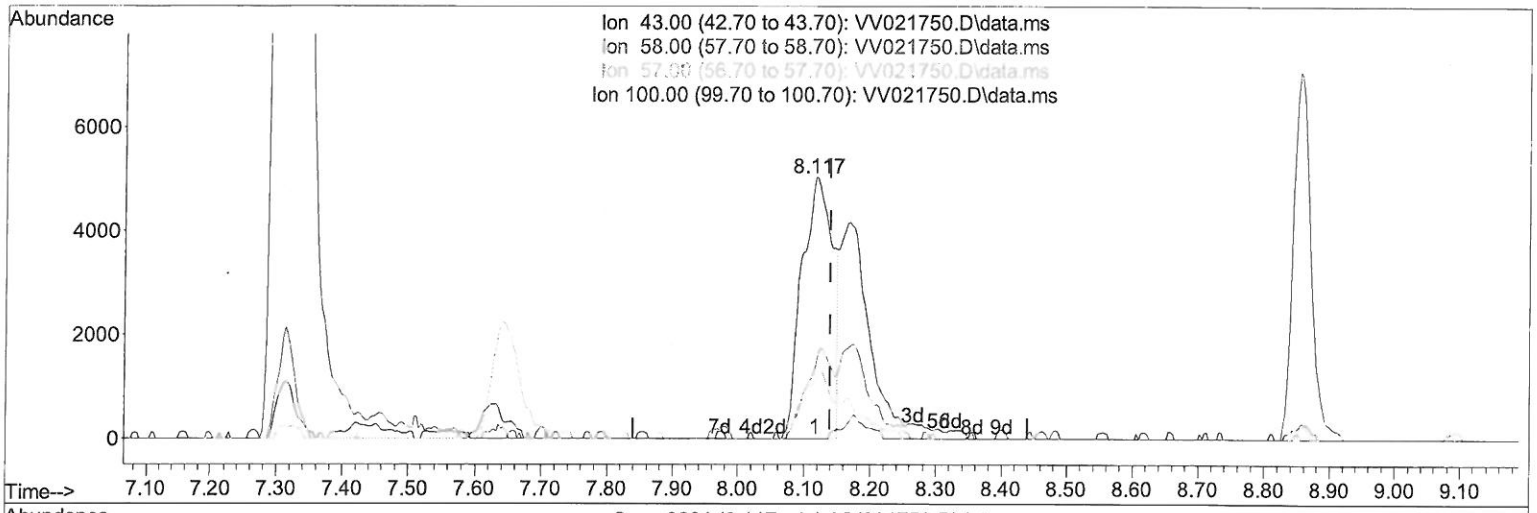
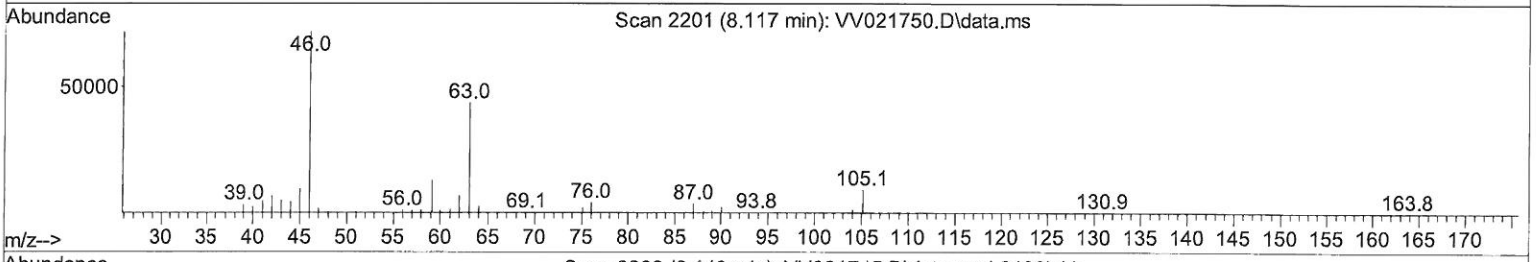
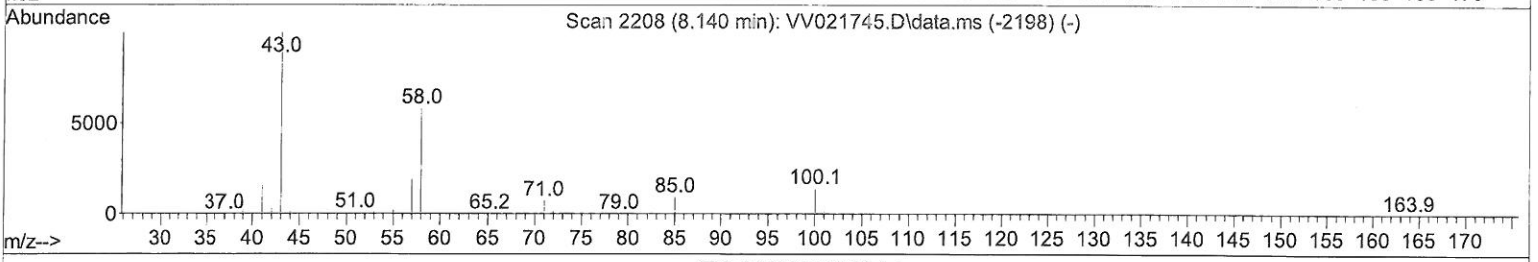
Manual Integrations APPROVED
MMDadoda
8/9/2021 9:30:52 AM







TIC: VV021750.D\data.ms

(48) 2-Hexanone (T)

8.117min (-0.022) 4.74 ug/L

response 16228

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	57.50	28.49#
57.00	18.70	19.18
100.00	13.90	0.47#

Quantitation Report (Qedit)

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Misc : 7.79g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 07 01:50:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 07 01:48:22 2021
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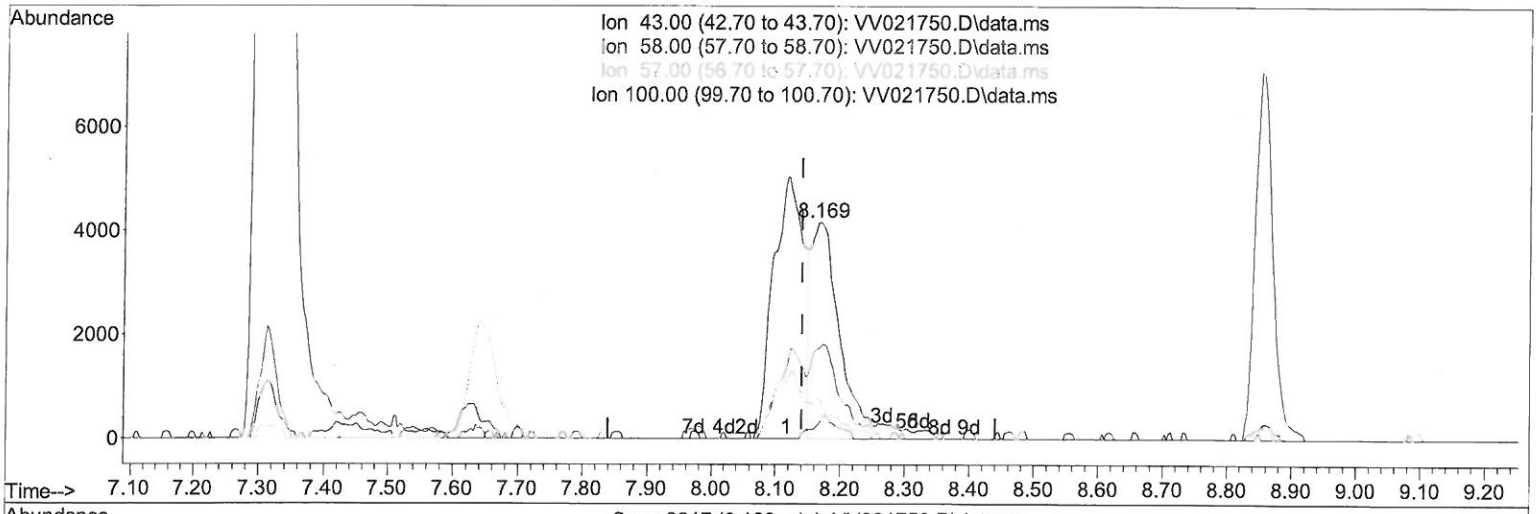
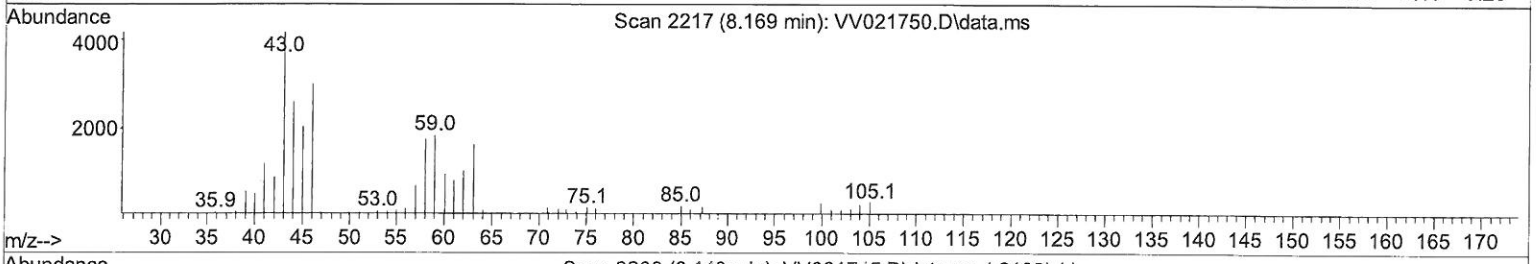
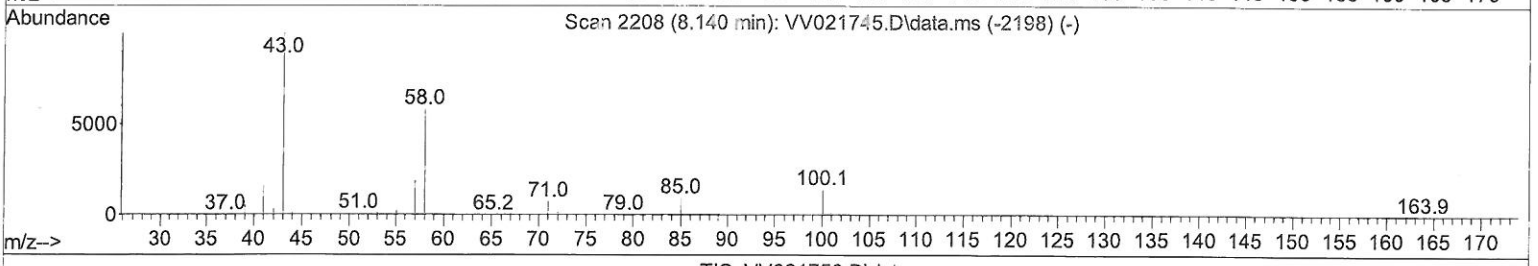
Instrument :
MSVOA_V
ClientSampleId :
GB645ME

Manual Integrations APPROVED
MMDadoda
8/9/2021 9:30:52 AM







TIC: VV021750.D\data.ms

(48) 2-Hexanone (T)

8.169min (+ 0.029) 3.67 ug/L m

response 12578

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	57.50	36.75#
57.00	18.70	24.74#
100.00	13.90	0.60#

MD 8/18/21

Quantitation Report (QT/LSC Reviewed)

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Operator : SY/MD
Sample : M3264-06ME
Misc : 7.79g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB645ME

Manual Integrations APPROVED
MMDadoda
8/9/2021 9:30:52 AM

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	449239	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	428284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	199271	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104500	37.040	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.080%		
7) Chloroethane-d5	1.558	69	50524	21.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	43.420%#		
11) 1,1-Dichloroethene-d2	2.082	63	142004	28.142	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.280%#		
21) 2-Butanone-d5	3.892	46	219461m	90.557	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.560%		
24) Chloroform-d	4.343	84	256448	42.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.780%		
26) 1,2-Dichloroethane-d4	5.027	65	162127	45.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.680%		
32) Benzene-d6	5.043	84	538488	44.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.720%		
36) 1,2-Dichloropropane-d6	6.066	67	172614	44.864	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.720%		
41) Toluene-d8	7.313	98	491135	43.730	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.460%		
43) trans-1,3-Dichloroprop...	7.622	79	81326	42.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.680%		
47) 2-Hexanone-d5	8.117	63	134452	80.142	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.140%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	198363	39.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.240%		
66) 1,2-Dichlorobenzene-d4	11.628	152	189531	45.938	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.880%		
Target Compounds						Qvalue
16) Methylene chloride	2.497	84	5523	1.805	ug/L	98
46) Tetrachloroethene	7.973	164	712136	295.300	ug/L	97
48) 2-Hexanone	8.169	43	12578m	3.671	ug/L	

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