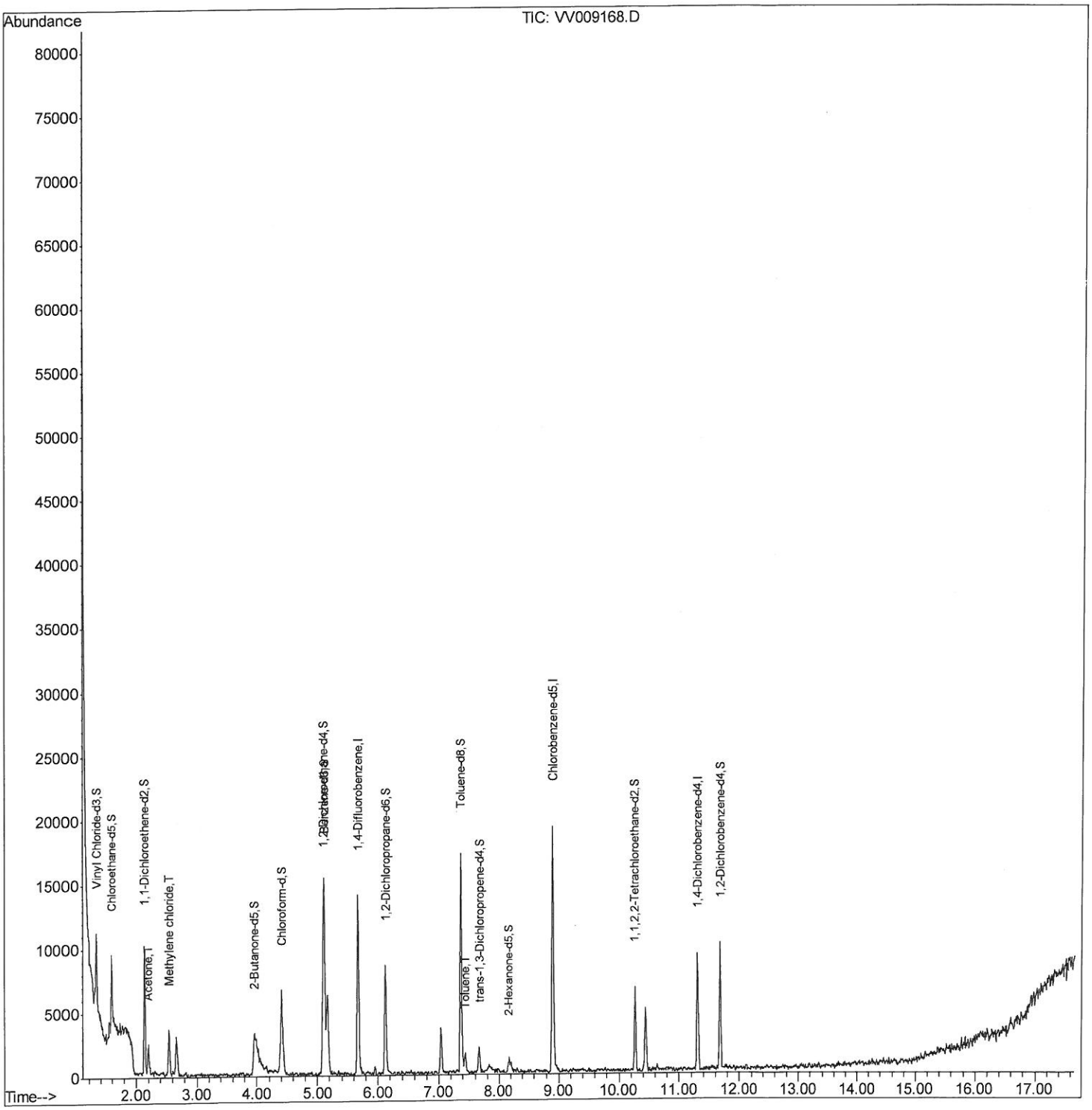
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009168.D
Acq On : 04 Jan 2019 20:05
Operator : SY/MD
Sample : K1050-04
Misc : 6.84 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 05 05:46:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BE9W1

Manual Integrations APPROVED
MMDadoda
1/8/2019 12:00:14 AM



Quantitation Report (Qedit)

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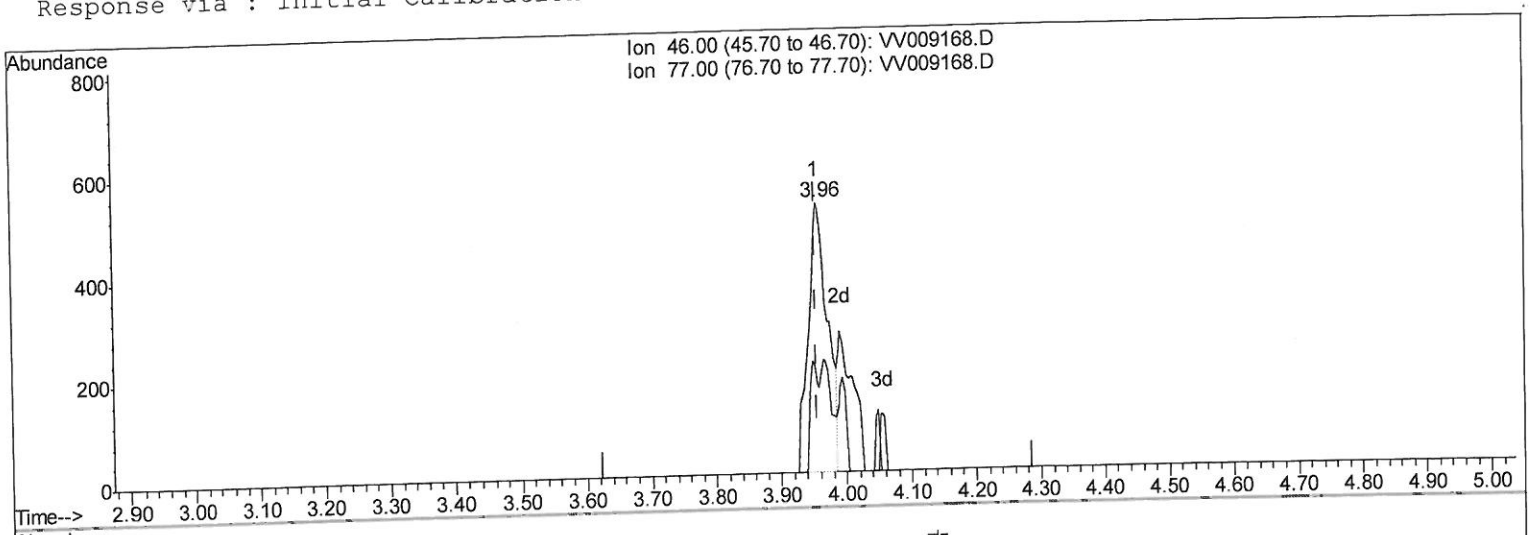

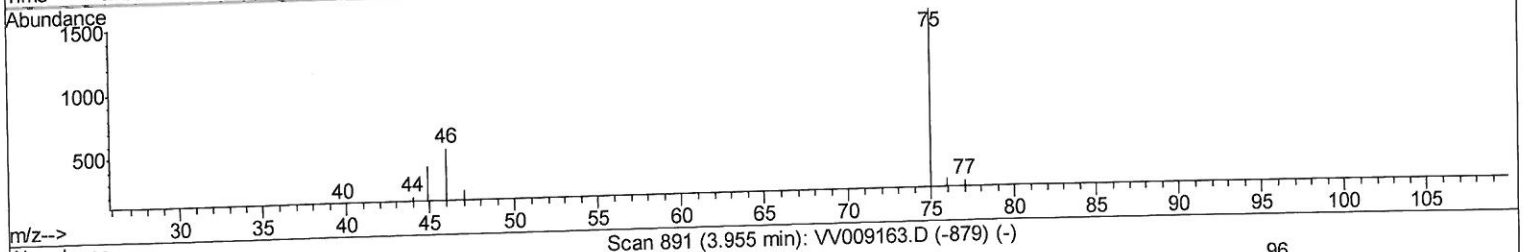

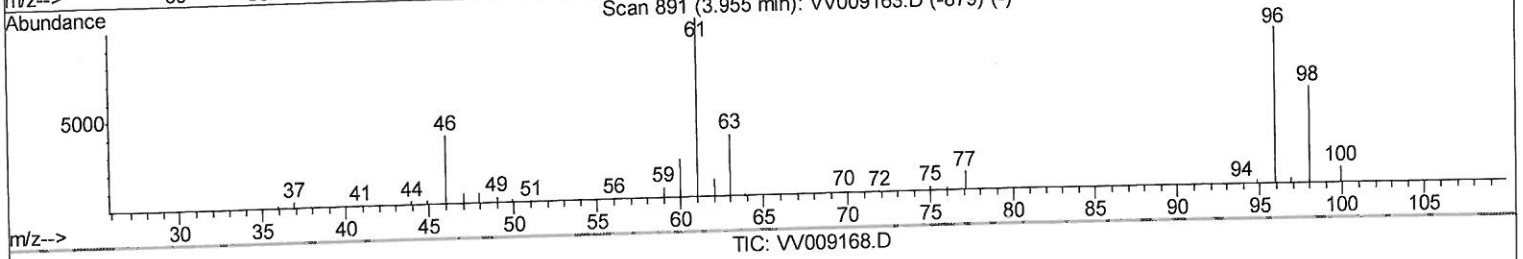

TIC: VV009168.D

(20) 2-Butanone-d5 (S)

3.955min (+0.000) 16.09ug/L

response 1075

Ion	Exp%	Act%
46.00	100	100
77.00	19.90	18.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
MMDadoda
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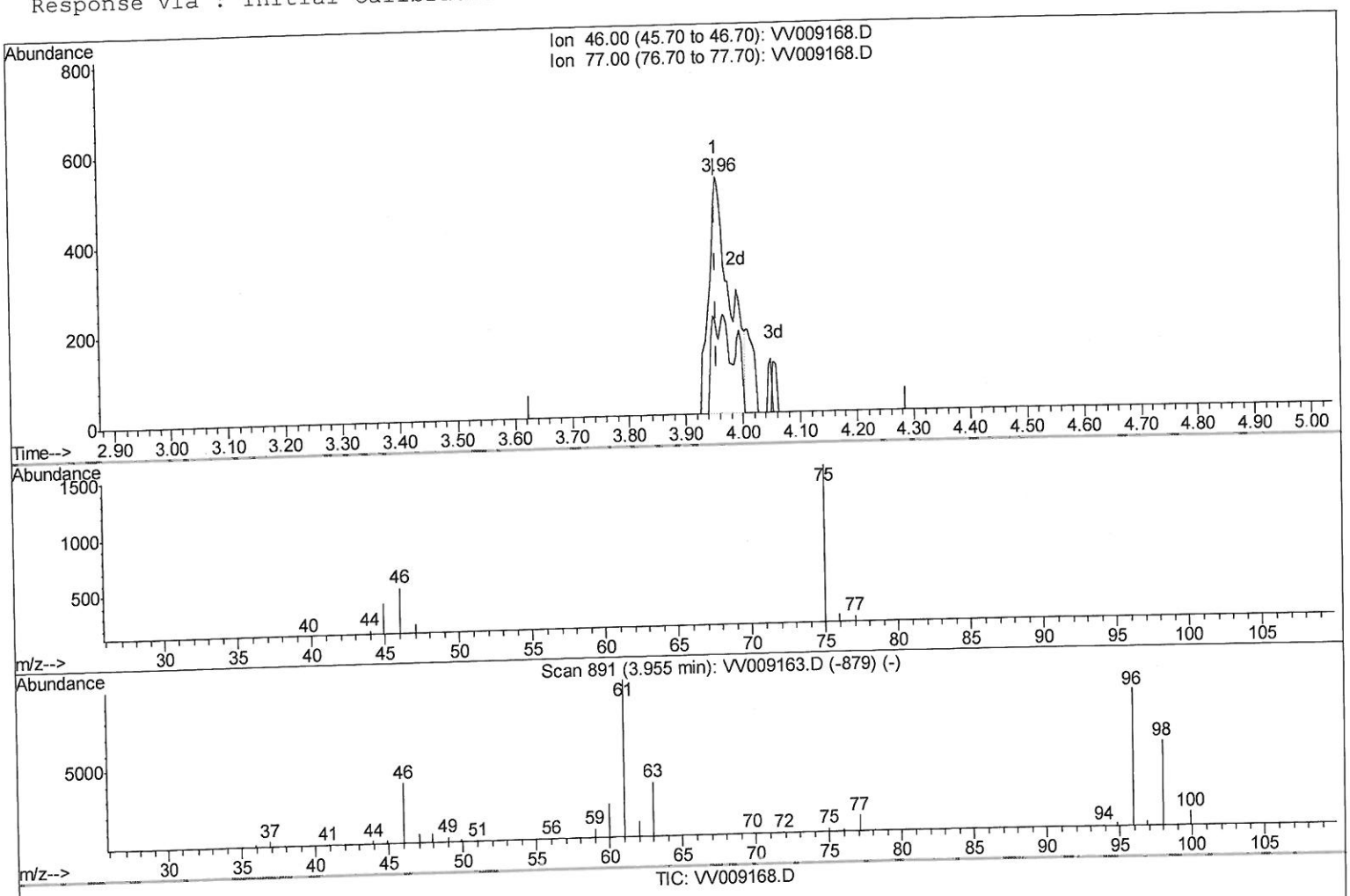

TIC: VV009168.D

(20) 2-Butanone-d5 (S)

3.955min (+0.000) 19.97ug/L m

response 1334

Ion	Exp%	Act%
46.00	100	100
77.00	19.90	14.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_V
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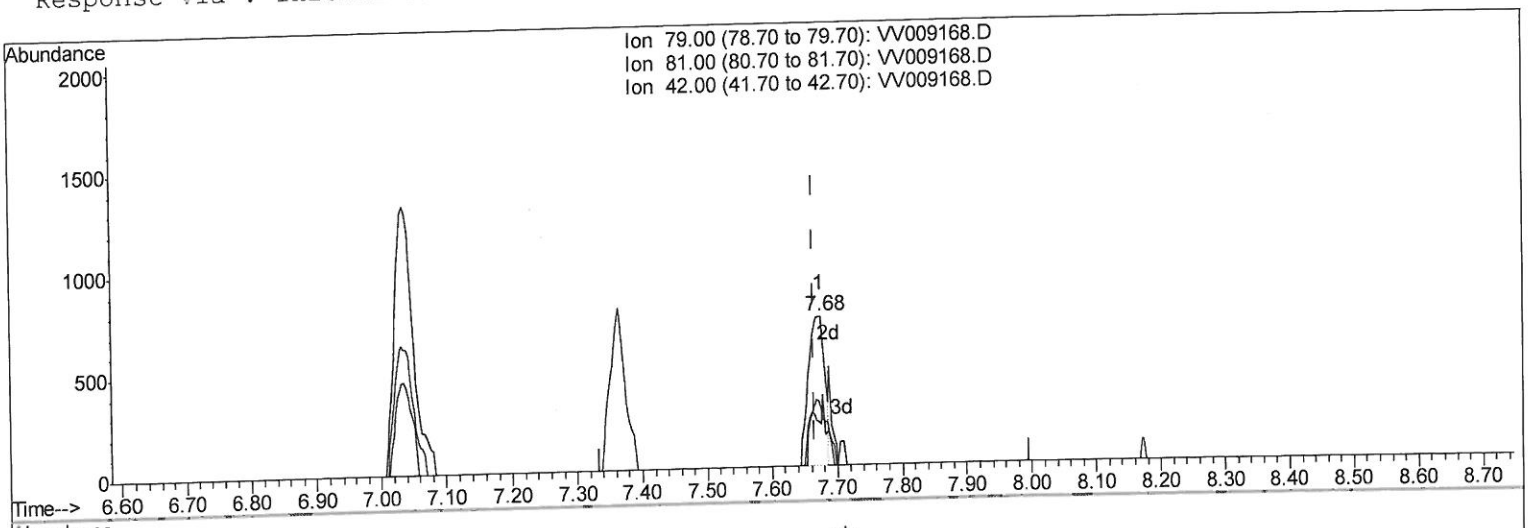
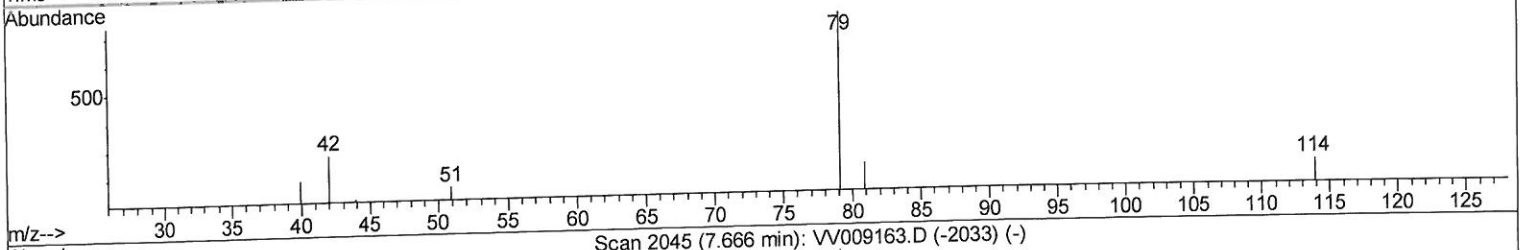
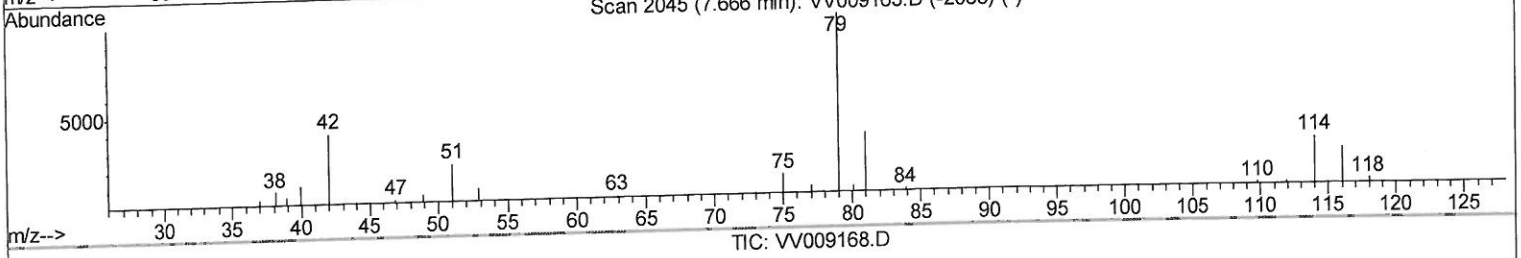
Manual Integrations APPROVED
MMDadoda
1/8/2019 12:00:14 AM







(38) trans-1,3-Dichloropropene-d4 (S)

7.675min (+0.010) 17.39ug/L

response 1265

Ion	Exp%	Act%
79.00	100	100
81.00	31.80	7.59#
42.00	41.40	47.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_V
ClientSampleId :
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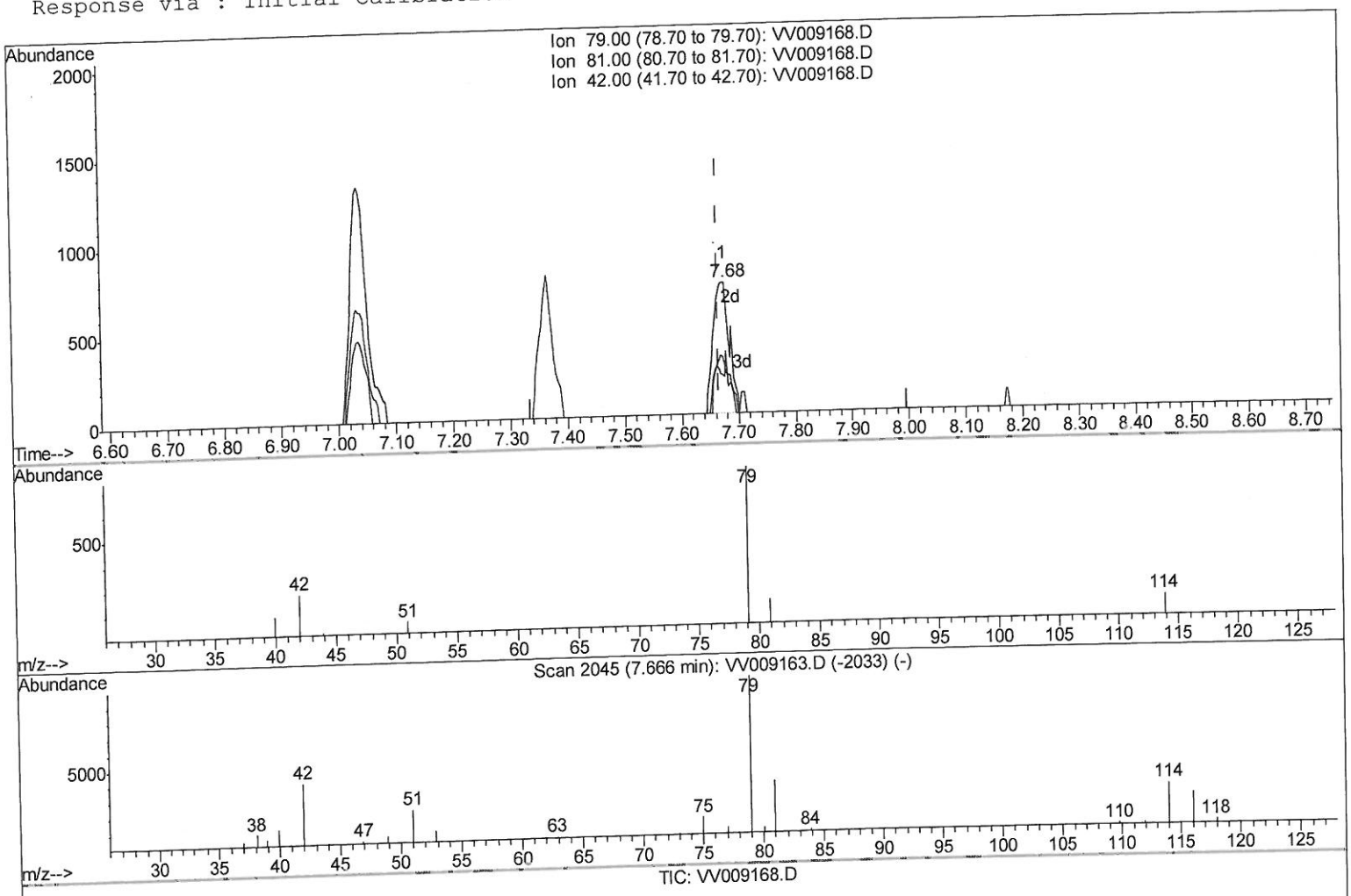
Manual Integrations APPROVED
MMDadoda
1/8/2019 12:00:14 AM



(38) trans-1,3-Dichloropropene-d4 (S)

7.675min (+0.010) 19.86ug/L m > 01/07/19 SY

response 1445

Ion	Exp%	Act%
79.00	100	100
81.00	31.80	6.64#
42.00	41.40	41.73
0.00	0.00	0.00

Quantitation Report (Qedit)

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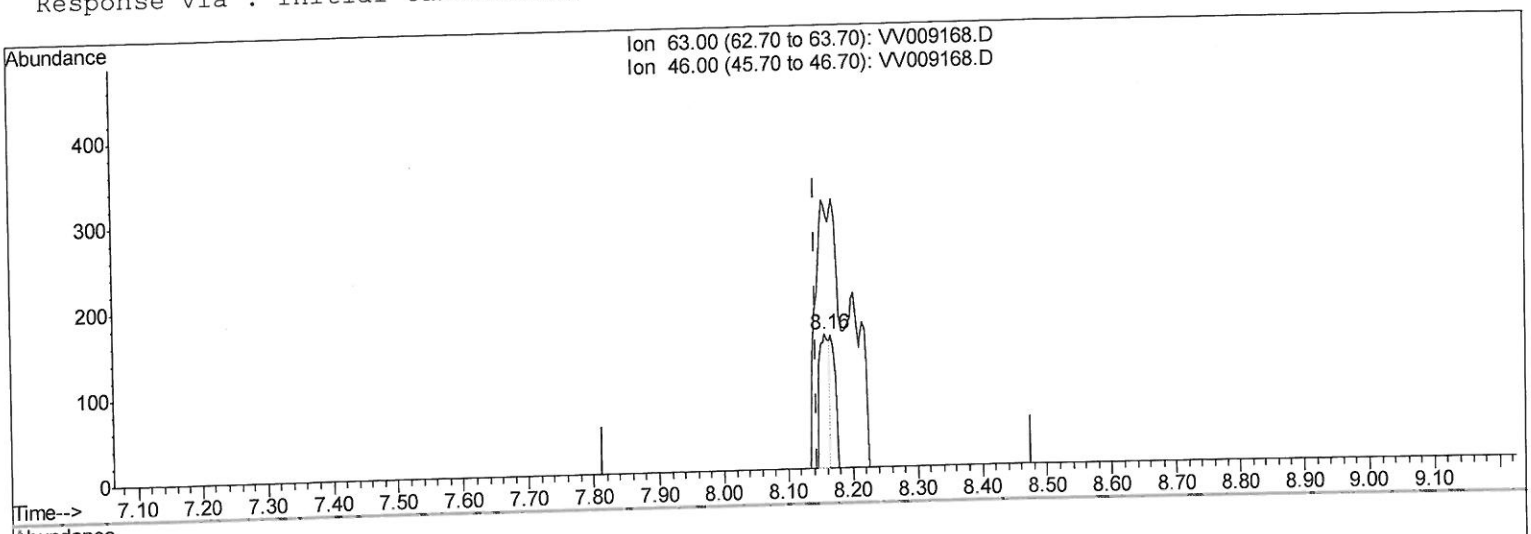
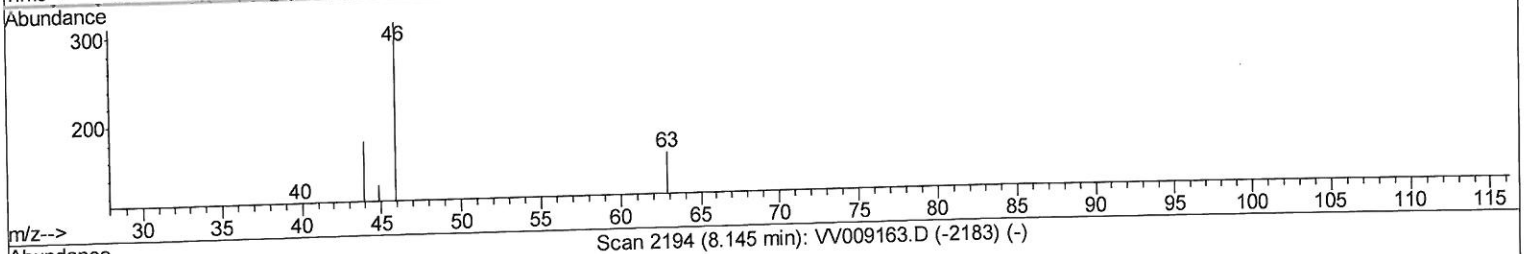
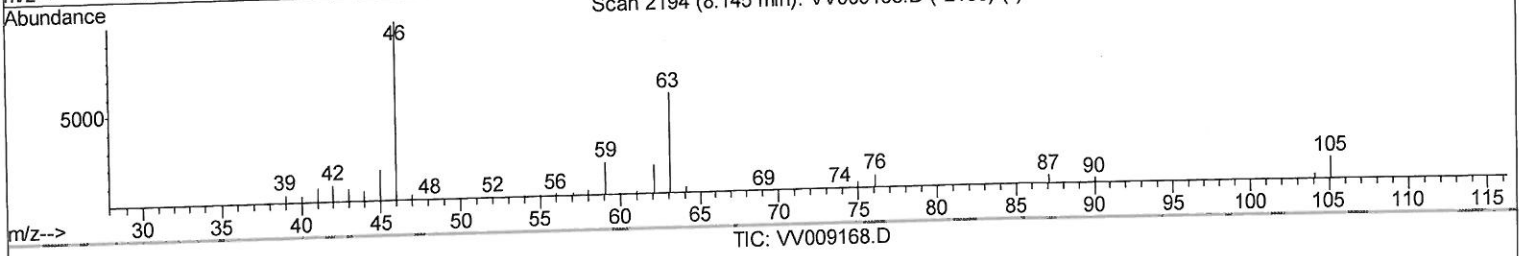
Manual Integrations APPROVED
MMDadoda
1/8/2019 12:00:14 AM





Scan 2194 (8.145 min): VV009163.D (-2183) (-)



TIC: VV009168.D

(39) 2-Hexanone-d5 (S)

8.158min (+0.013) 4.64ug/L

response 168

Ion	Exp%	Act%
63.00	100	100
46.00	181.30	256.55#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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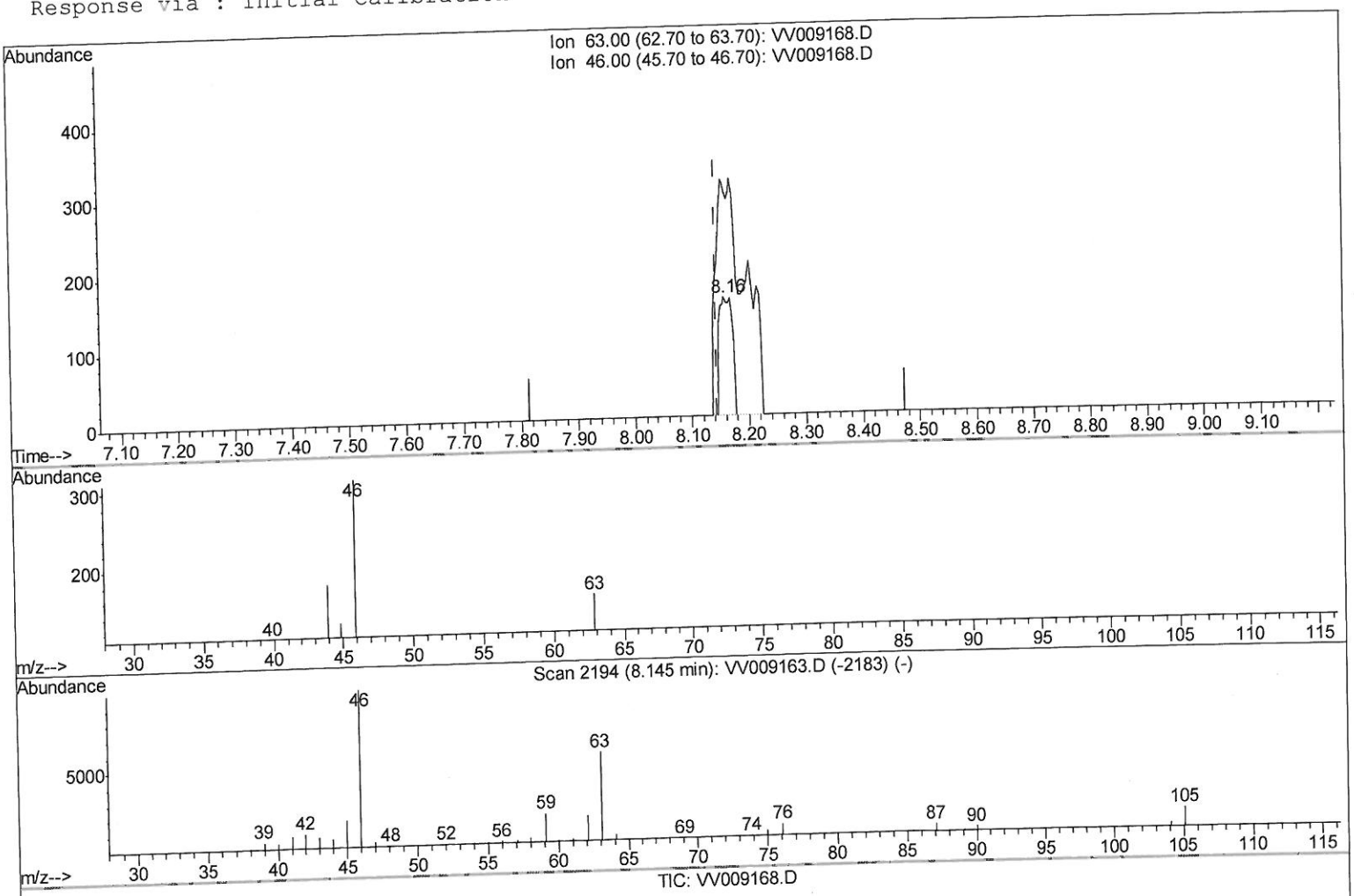
Instrument :
MSVOA_V
ClientSampleId :
BE9W1

Manual Integrations APPROVED
MMDadoda
1/8/2019 12:00:14 AM



(39) 2-Hexanone-d5 (S)

8.158min (+0.013) 6.80ug/L m 01/07/19 CY

response 246

Ion	Exp%	Act%
63.00	100	100
46.00	181.30	175.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : MSVOA_V
ClientSampleId : BE9W1

Manual Integrations APPROVED
MMDadoda
1/8/2019 12:00:14 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	13883	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	12002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	3478	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	2770	29.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.72%			
7) Chloroethane-d5	1.59	69	3361	36.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 145.96%			
10) 1,1-Dichloroethene-d2	2.13	63	5651	17.80	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.20%			
20) 2-Butanone-d5	3.96	46	1334m	19.97	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 39.94%			
24) Chloroform-d	4.41	84	6583	22.52	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.08%			
26) 1,2-Dichloroethane-d4	5.09	65	3829	24.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.92%			
29) Benzene-d6	5.11	84	14839	27.75	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.00%			
33) 1,2-Dichloropropane-d6	6.12	67	4345	28.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.36%			
37) Toluene-d8	7.36	98	13108	25.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.96%			
38) trans-1,3-Dichloropropene-	7.68	79	1445m	19.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.44%			
39) 2-Hexanone-d5	8.16	63	246m	6.80	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 13.60%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	3614	21.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	2848	24.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.92%			

Target Compounds						Qvalue
13) Acetone	2.20	43	2464	26.025	ug/L	94
16) Methylene chloride	2.54	84	1801	8.683	ug/L	91
44) Toluene	7.44	91	1243	1.787	ug/L	90

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

01/07/19 SY

01/07/19 SY