

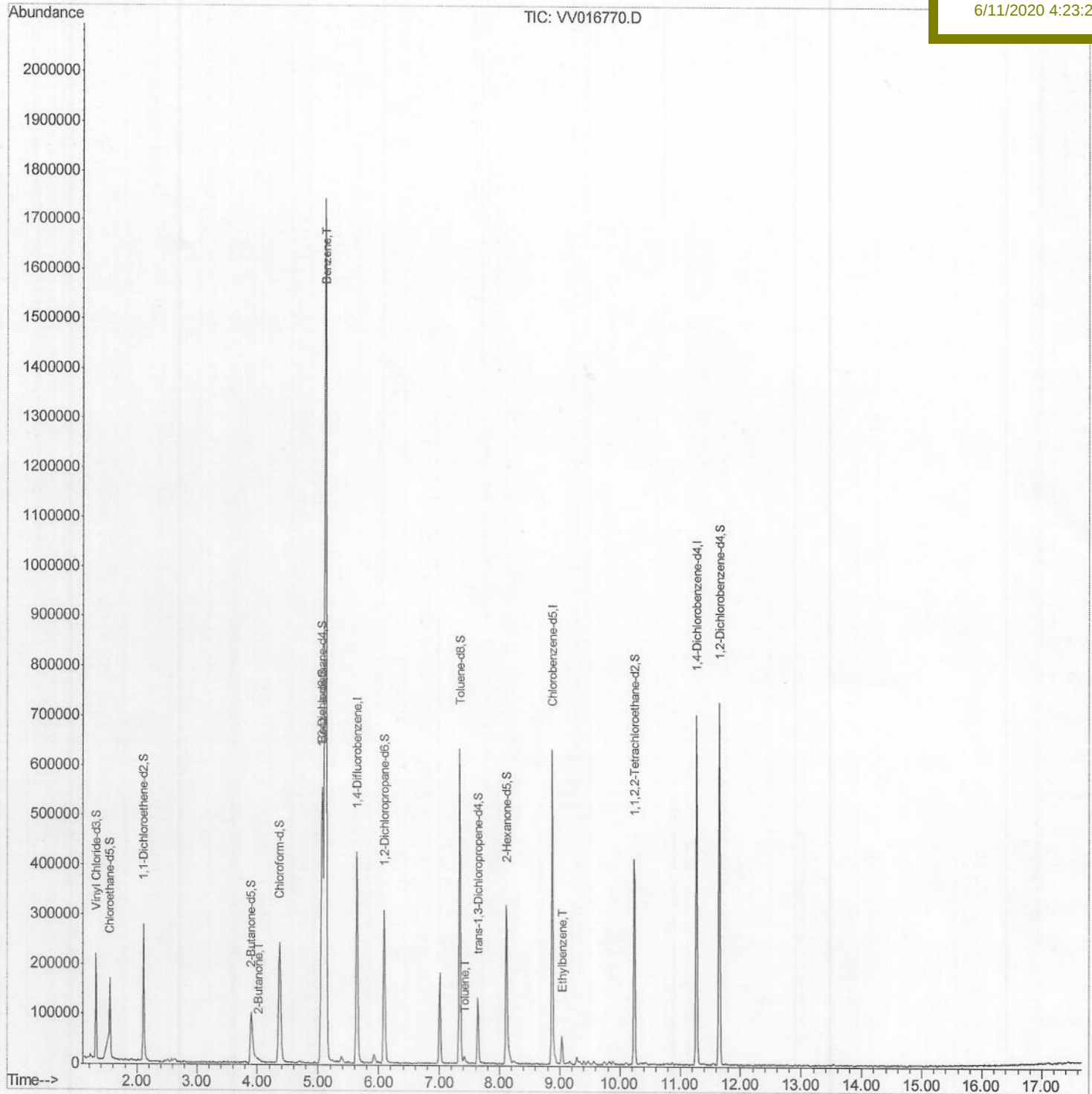
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
Data File : VV016770.D
Acq On : 10 Jun 2020 15:38
Operator : SY/MD
Sample : L2914-13DL 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 11 02:23:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F9E25DL

Manual Integrations
APPROVED

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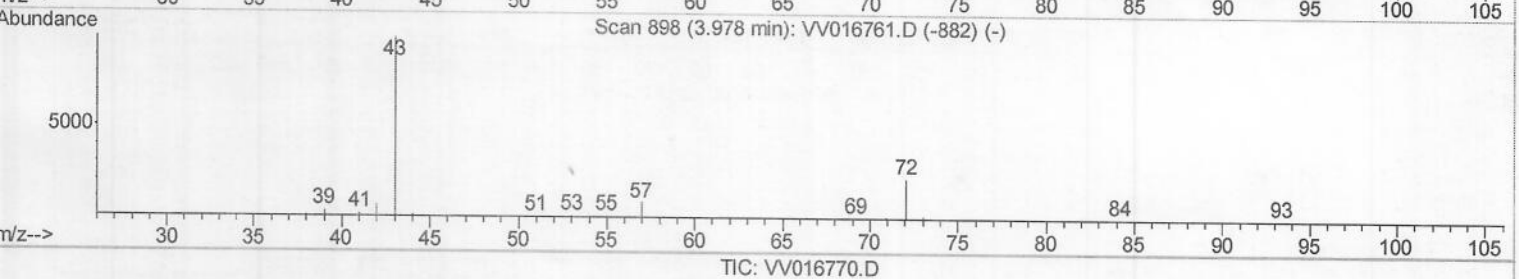
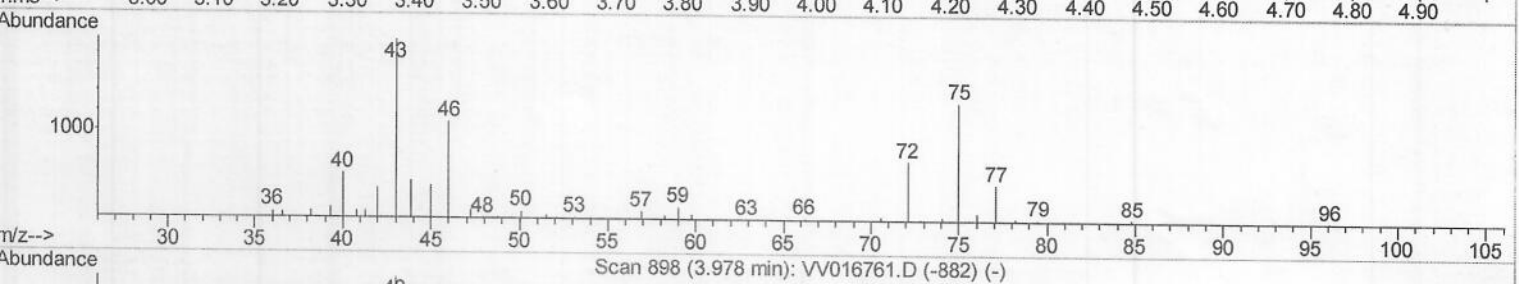
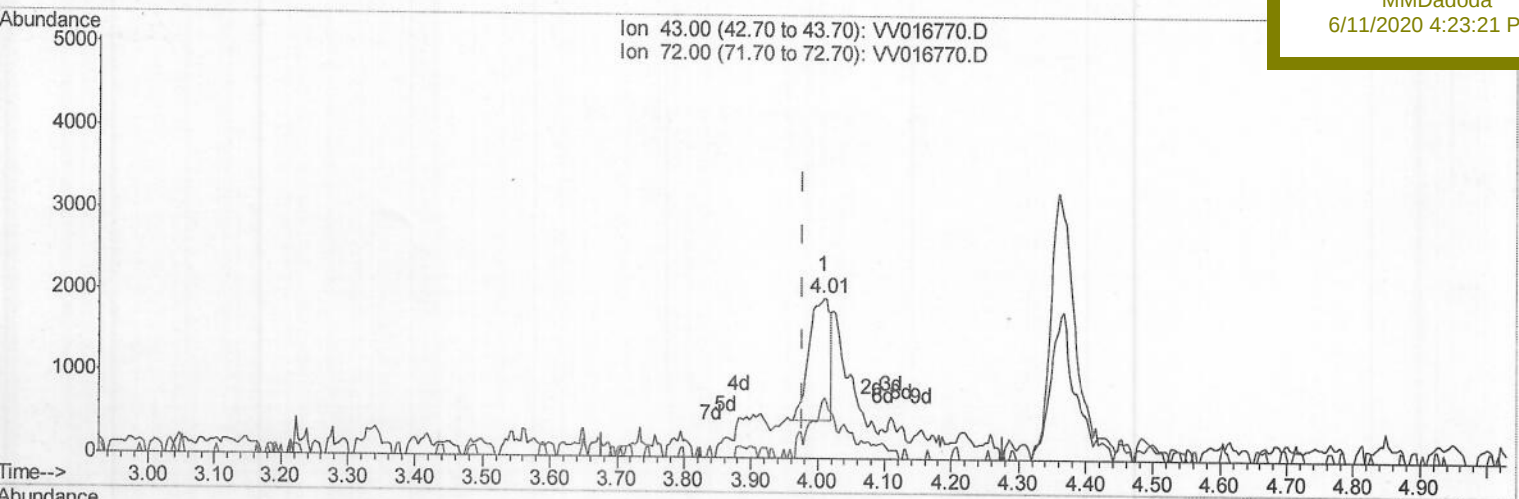
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(22) 2-Butanone (T)

4.010min (+0.032) 1.74ug/L

response 3234

Ion	Exp%	Act%
43.00	100	100
72.00	24.90	28.57
0.00	0.00	0.00
0.00	0.00	0.00

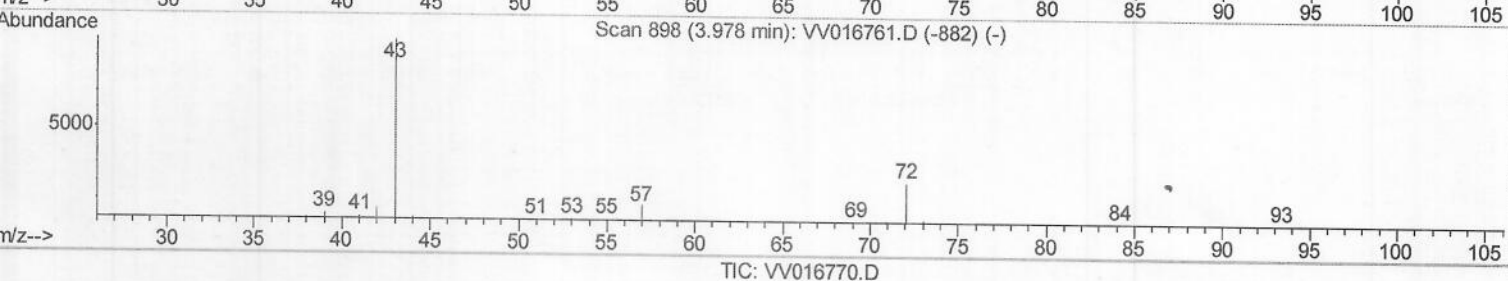
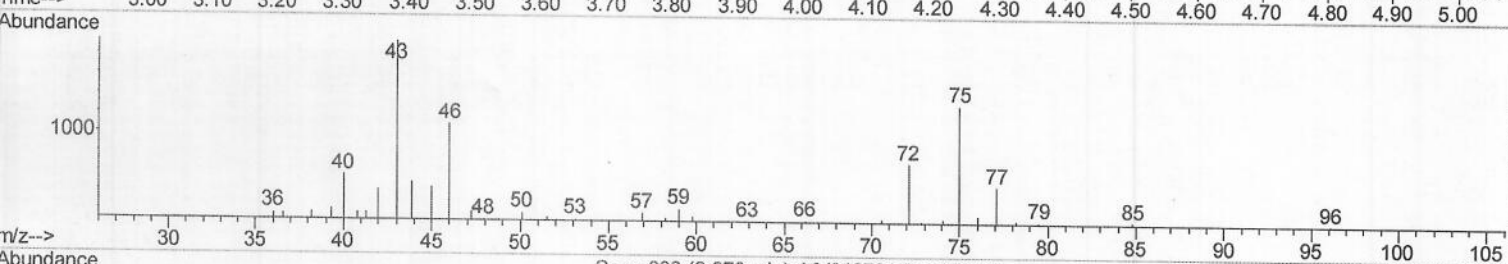
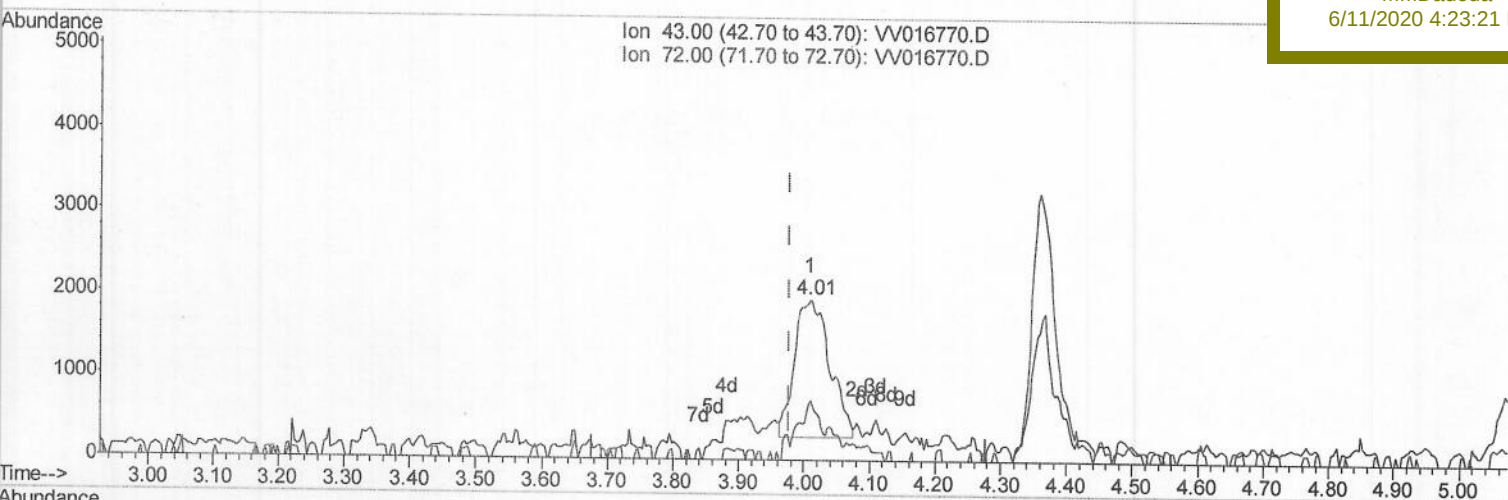
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Manual Integrations
APPROVED

MMDadoda
6/11/2020 4:23:21 PM



(22) 2-Butanone (T)

4.010min (+0.032) 3.38ug/L m

response 6282

Ion	Exp%	Act%
43.00	100	100
72.00	24.90	14.71
0.00	0.00	0.00
0.00	0.00	0.00

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 Acq On : 10 Jun 2020 15:38
 Operator : SY/MD
 Sample : L2914-13DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E25DL

Quant Time: Jun 11 02:23:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
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 QLast Update : Thu Jun 11 01:04:46 2020
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350510	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326799	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	124266	50.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	100.48%		
7) Chloroethane-d5	1.55	69	59164	39.87	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.74%		
11) 1,1-Dichloroethene-d2	2.11	63	146022	35.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.32%		
21) 2-Butanone-d5	3.90	46	170032	92.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.89%		
24) Chloroform-d	4.37	84	223513	44.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.88%		
26) 1,2-Dichloroethane-d4	5.05	65	163290	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.48%		
32) Benzene-d6	5.07	84	446309	47.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.76%		
36) 1,2-Dichloropropane-d6	6.09	67	136391	46.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.90%		
41) Toluene-d8	7.33	98	400545	46.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.66%		
43) trans-1,3-Dichloropropene-	7.64	79	68827	45.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.00%		
47) 2-Hexanone-d5	8.11	63	106533	83.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.21%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185086	47.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.22%		
64) 1,2-Dichlorobenzene-d4	11.65	152	176216	47.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.50%		

Target Compounds

					Ovalue
22) 2-Butanone	4.01	43	6282m	3.378	ug/L
33) Benzene	5.12	78	1671395	172.860	ug/L
42) Toluene	7.41	91	8862	0.869	ug/L
52) Ethylbenzene	9.04	91	39308	3.482	ug/L

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

3 MD
 06/12/20