

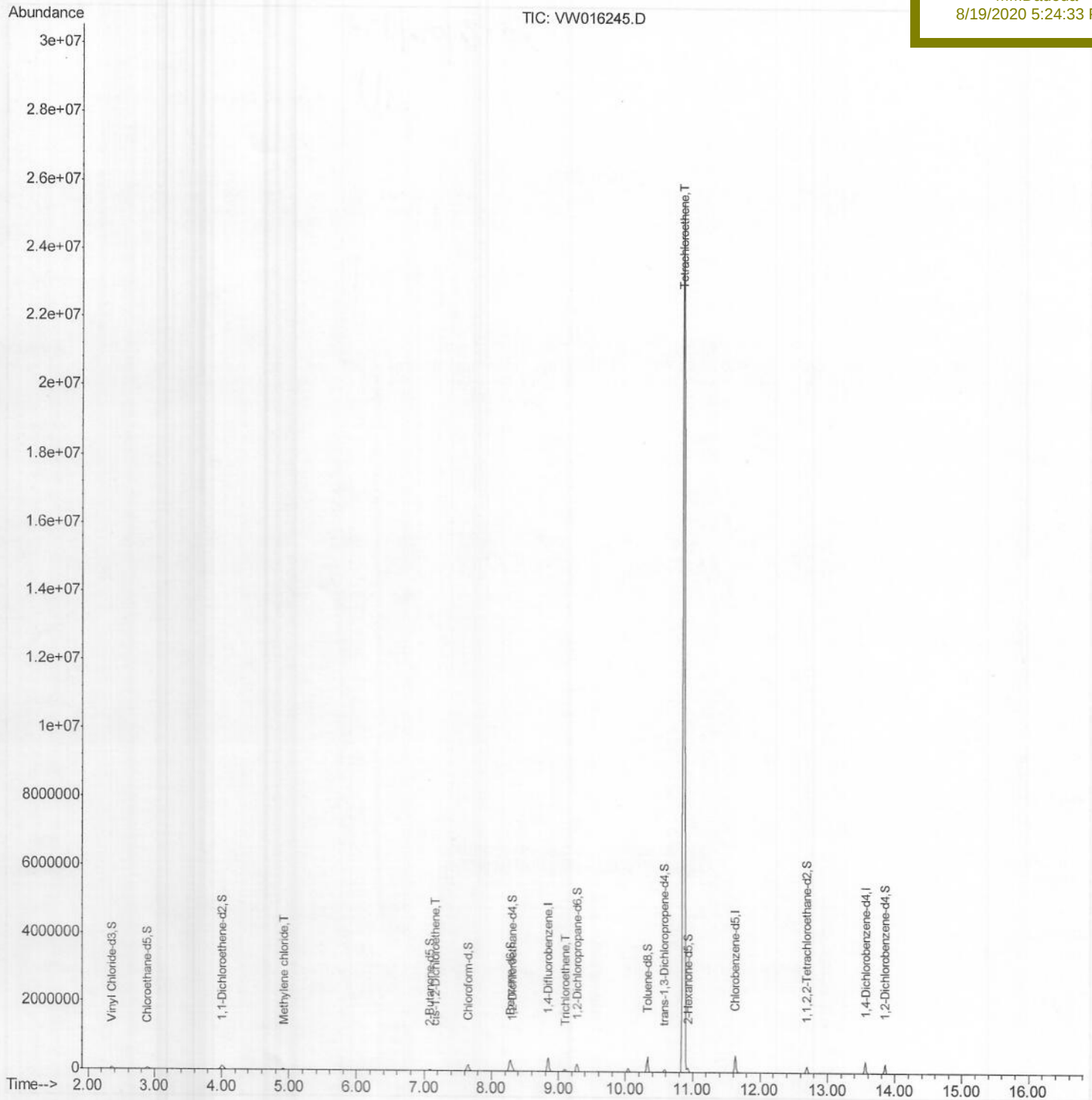
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
Data File : VW016245.D
Acq On : 18 Aug 2020 17:41
Operator : SY/VA
Sample : L3709-13
Misc : 6.68G/10ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 19 07:09:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 19 05:49:31 2020
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
BFWQ6

Manual Integrations
APPROVED

MMDadoda
8/19/2020 5:24:33 PM



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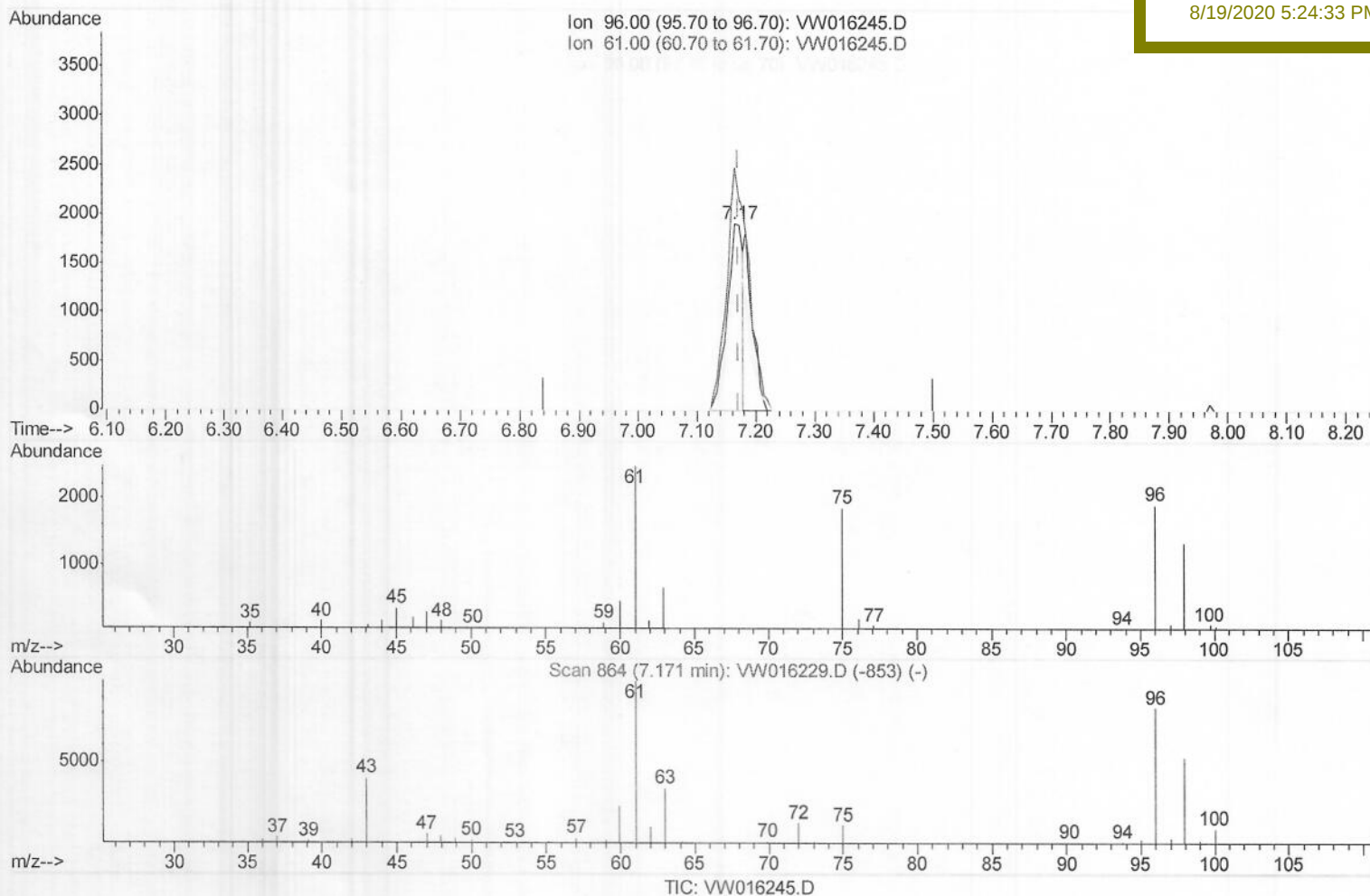
BFWQ6

Manual Integrations

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MMDadoda

8/19/2020 5:24:33 PM



(22) cis-1,2-Dichloroethene (T)

7.165min (-0.006) 0.69ug/L

response 3453

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	130.14
98.00	62.80	70.33
0.00	0.00	0.00

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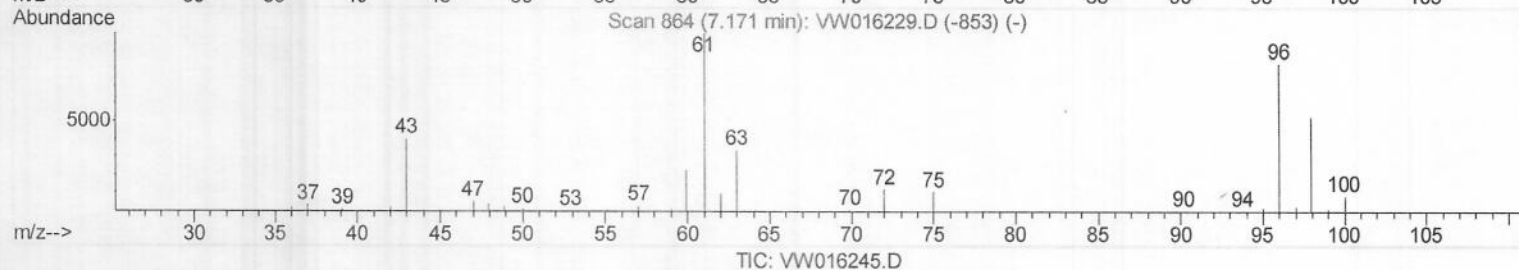
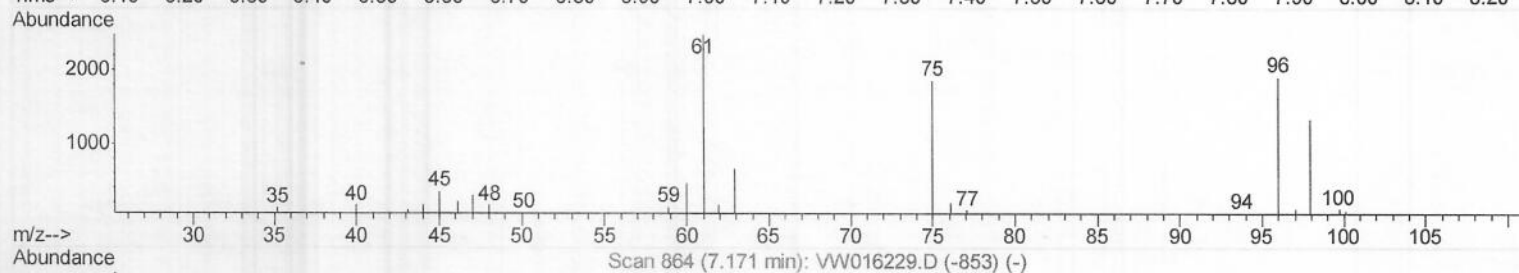
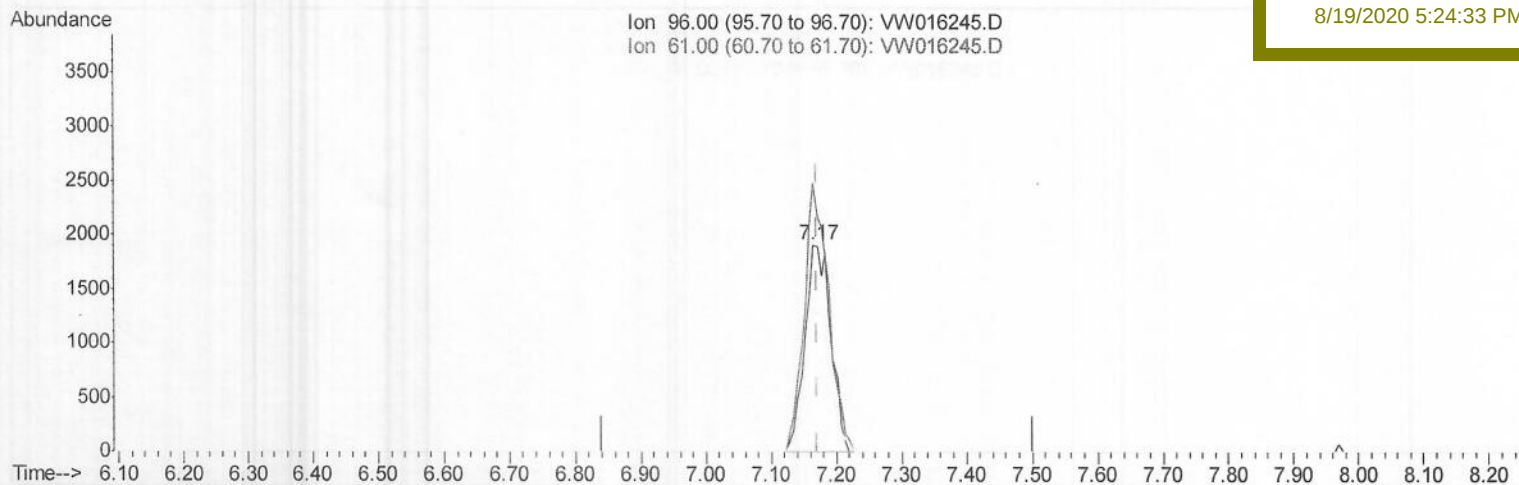
BFWQ6

Manual Integrations

APPROVED

MMDadoda

8/19/2020 5:24:33 PM



(22) cis-1,2-Dichloroethene (T)

7.165min (-0.006) 1.05ug/L m

response 5231

Ion	Exp%	Act%
96.00	100	100
61.00	124.30	130.14
98.00	62.80	70.33
0.00	0.00	0.00

MD
08/19/20

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Manual Integrations
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 8/19/2020 5:24:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.85	114	349558	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289985	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88540	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72496	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
7) Chloroethane-d5	2.89	69	58074	17.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.60%
10) 1,1-Dichloroethene-d2	4.01	63	122863	13.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.40%
20) 2-Butanone-d5	7.08	46	44465	38.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.98%
24) Chloroform-d	7.65	84	188961	20.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.56%
26) 1,2-Dichloroethane-d4	8.31	65	98169	19.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.80%
29) Benzene-d6	8.27	84	355580	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.27	67	109848	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.72%
37) Toluene-d8	10.33	98	307503	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.00%
38) trans-1,3-Dichloropropene-	10.58	79	44142	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.68%
39) 2-Hexanone-d5	10.93	63	38961	48.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88568	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	73857	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	21285	3.856	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	5231m	1.051	ug/L	
35) Trichloroethene	9.09	95	21163	4.707	ug/L	97
47) Tetrachloroethene	10.87	164	5948282	1764.589	ug/L	96

> MD
 08/19/20

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