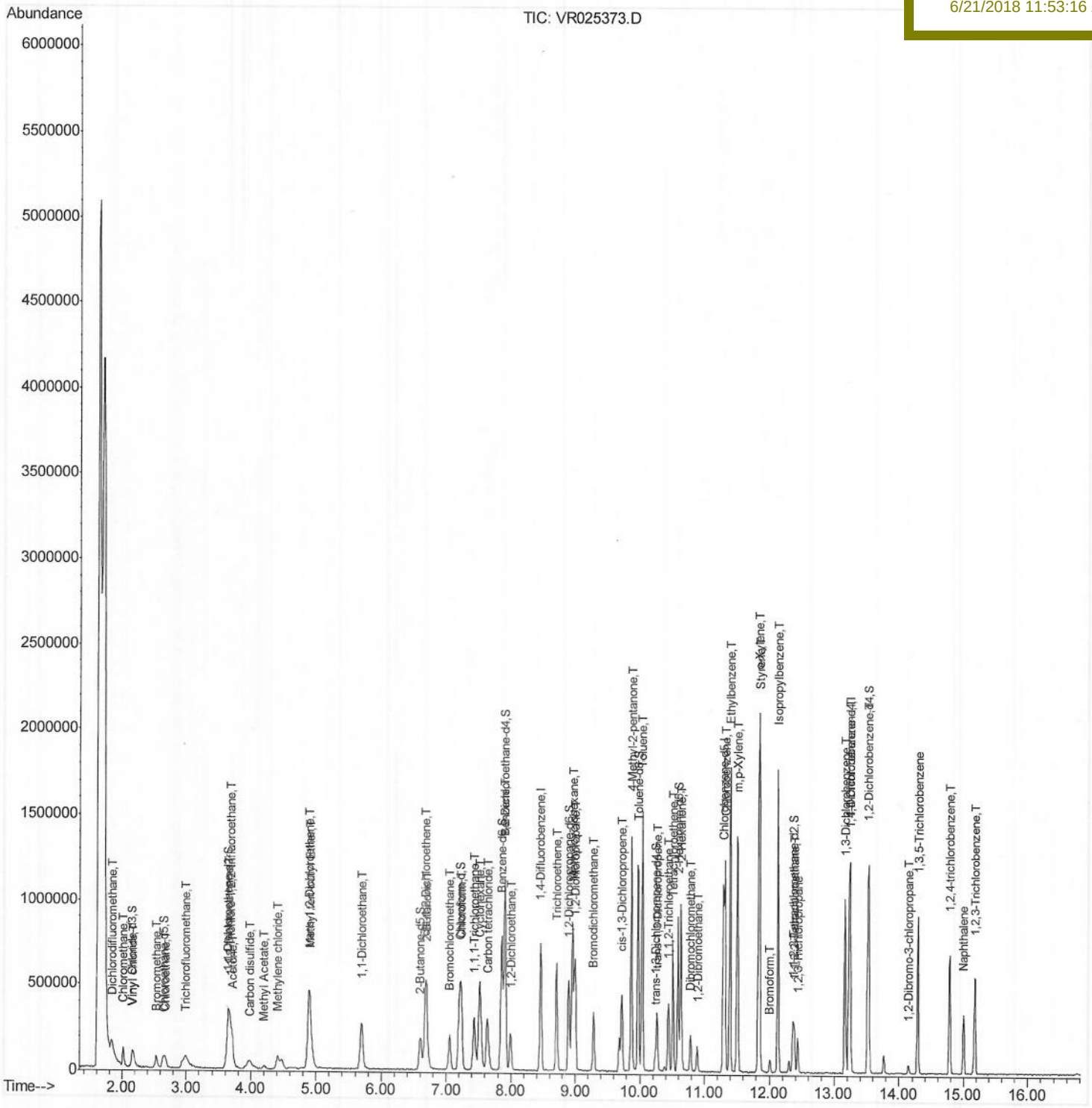
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
Data File : VR025373.D
Acq On : 19 Jun 2018 20:19
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 02:25:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 20 01:37:06 2018
Response via : Initial Calibration

Instrument :
MSVOA_R
LabSampleId :
VSTD00590

Manual Integrations APPROVED
MMDadoda
6/21/2018 11:53:16 AM



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Operator : SY/MD
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Misc : 25mL/MSVOA_R/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 20 02:24:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 20 01:37:06 2018
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
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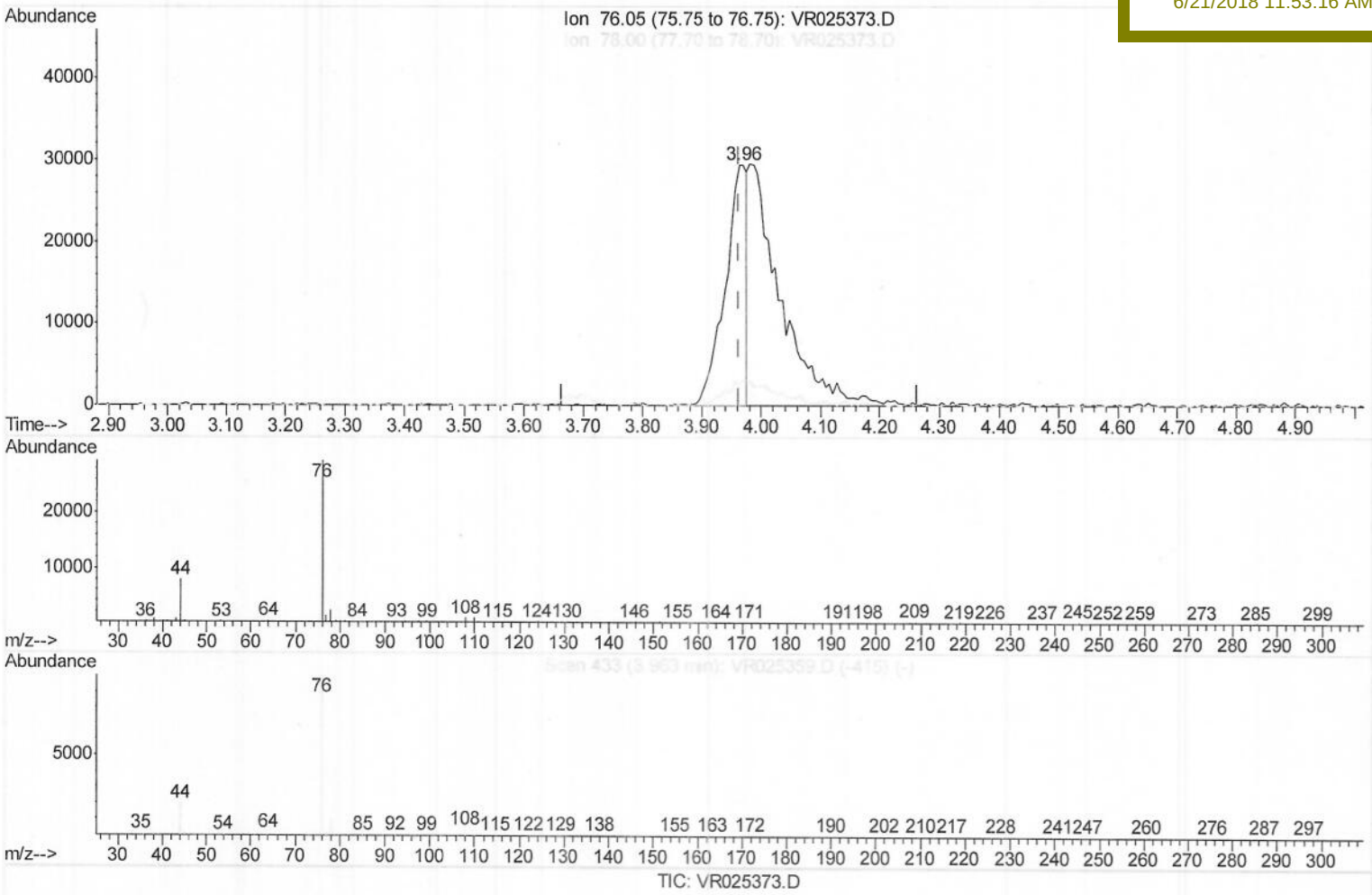

TIC: VR025373.D

(14) Carbon disulfide (T)

3.963min (-0.000) 1.76ug/L

response 74865

Ion	Exp%	Act%
76.05	100	100
78.00	9.30	7.53
0.00	0.00	0.00
0.00	0.00	0.00

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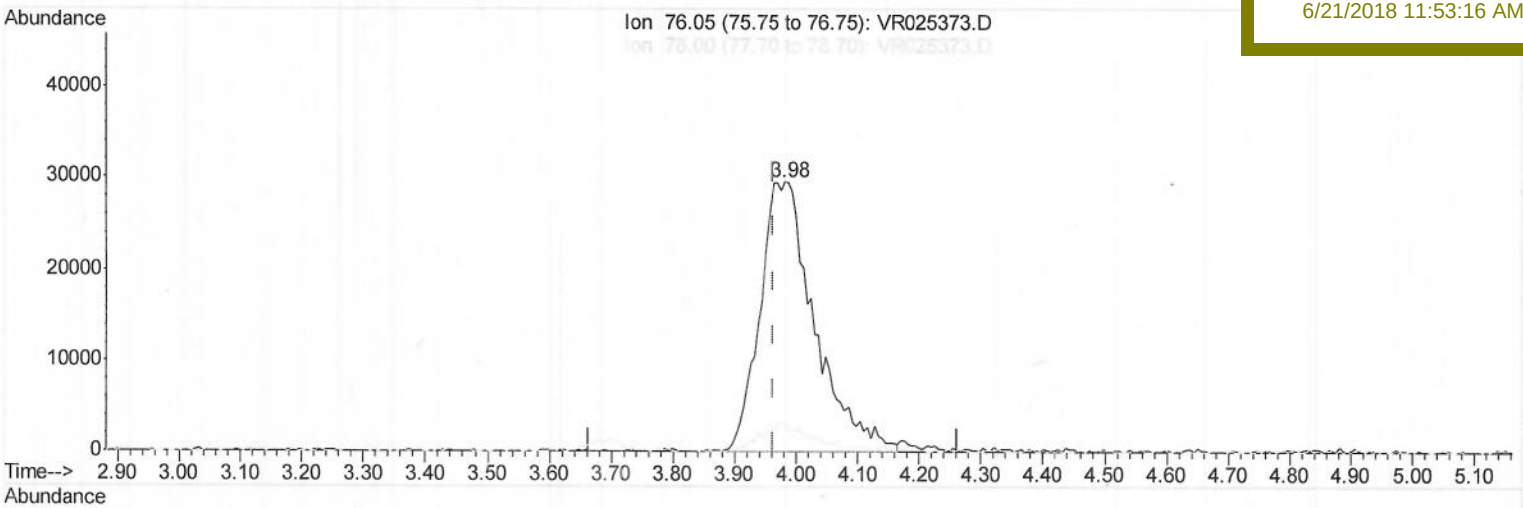

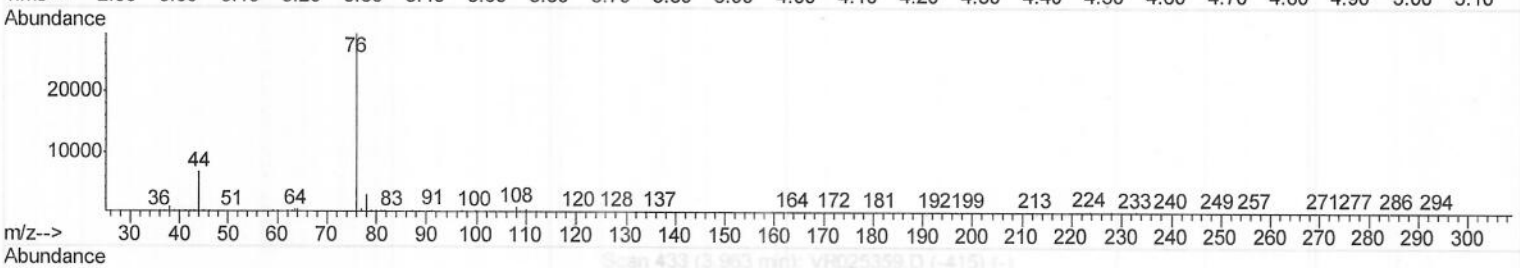

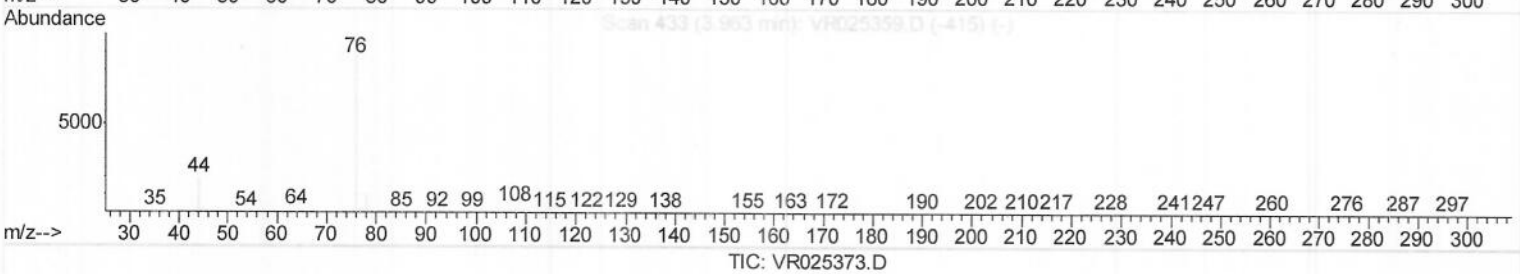

TIC: VR025373.D

(14) Carbon disulfide (T)

3.981min (+0.018) 4.29ug/L m > MD 06/22/2018

response 182098

Ion	Exp%	Act%
76.05	100	100
78.00	9.30	9.94
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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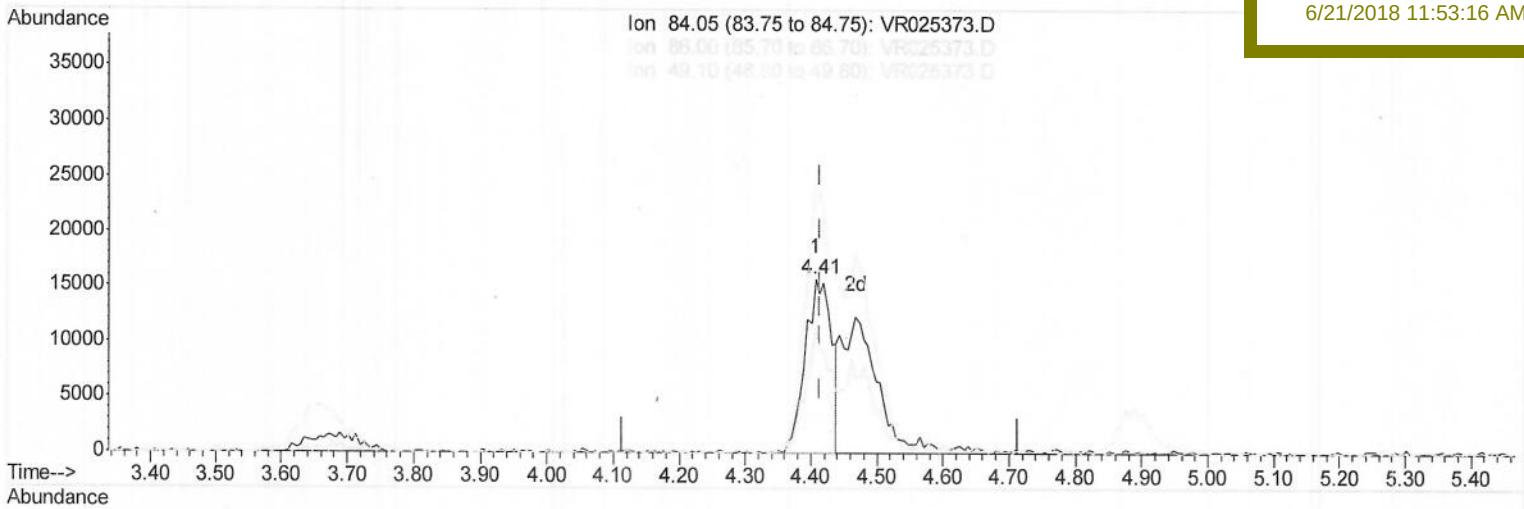

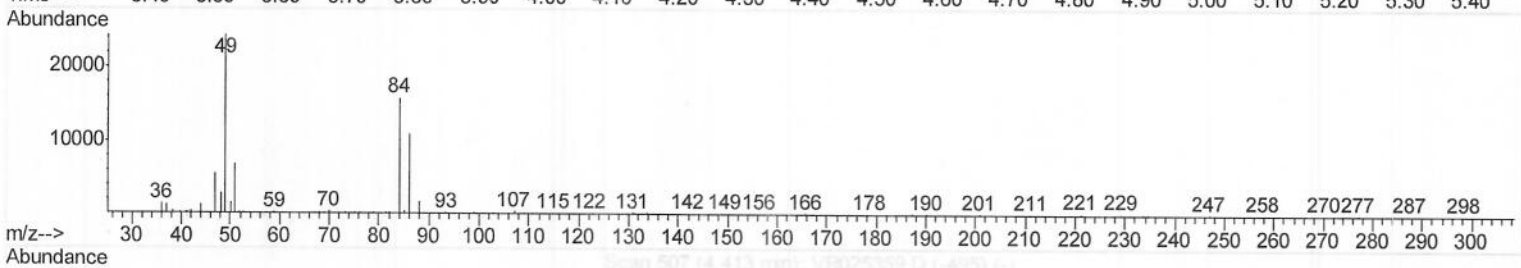

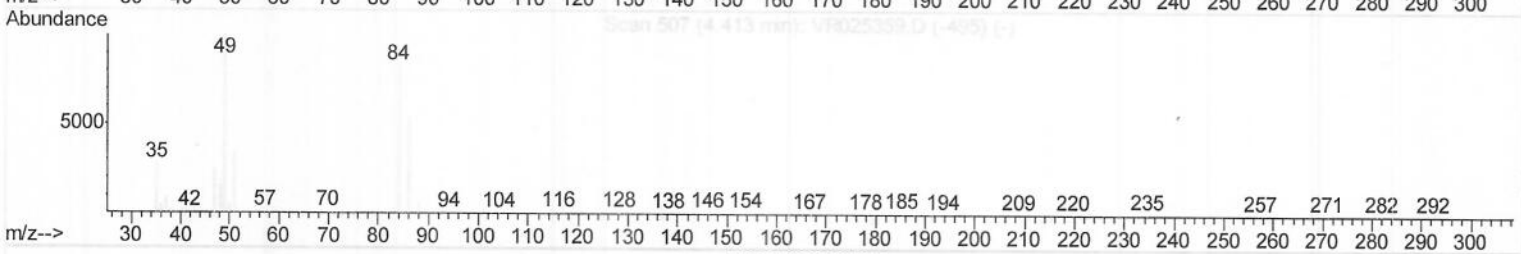

TIC: VR025373.D

(16) Methylene chloride (T)

4.407min (-0.006) 2.38ug/L

response 43605

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	69.80
49.10	124.60	154.73
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
MMDadoda
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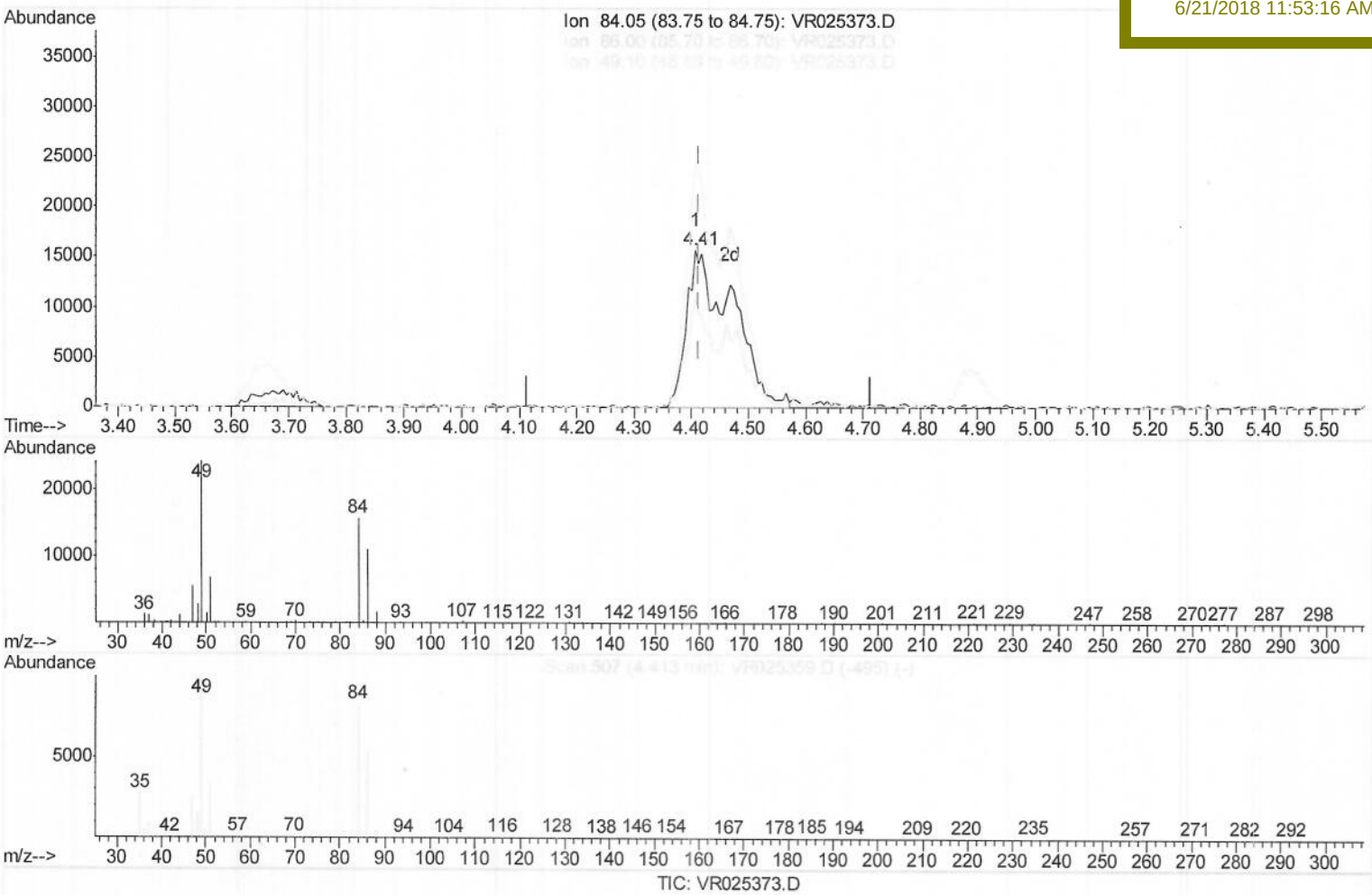

TIC: VR025373.D

(16) Methylene chloride (T)

4.407min (-0.006) 4.79ug/L m) MD 06/22/2018

response 87856

Ion	Exp%	Act%
84.05	100	100
86.00	62.40	69.80
49.10	124.60	154.73
0.00	0.00	0.00

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Manual Integrations APPROVED
MMDadoda
6/21/2018 11:53:16 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	574064	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	496814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	211287	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.16	65	87319	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%			
7) Chloroethane-d5	2.64	69	64939	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	3.64	63	240017	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	6.60	46	333166	63.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.14%			
24) Chloroform-d	7.21	84	392935	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
26) 1,2-Dichloroethane-d4	7.90	65	157200	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.40%			
32) Benzene-d6	7.86	84	827172	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	8.90	67	246119	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	9.97	98	742622	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	10.24	79	54788	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	10.59	63	294718	66.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 133.34%#			
57) 1,1,2,2-Tetrachloroethane-	12.36	84	126170	6.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 135.60%#			
64) 1,2-Dichlorobenzene-d4	13.51	152	175445	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	202794	5.465	ug/L	98
3) Chloromethane	2.02	50	113968	4.243	ug/L	99
5) Vinyl chloride	2.17	62	109966	4.626	ug/L	94
6) Bromomethane	2.53	94	53409	4.609	ug/L	98
8) Chloroethane	2.67	64	58629	4.725	ug/L	88
9) Trichlorofluoromethane	2.98	101	184316	5.309	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	107514	5.279	ug/L	97
12) 1,1-Dichloroethene	3.66	96	99809	4.946	ug/L	95
13) Acetone	3.71	43	139820	59.069	ug/L	100
14) Carbon disulfide	3.98	76	182098m	4.289	ug/L	
15) Methyl Acetate	4.19	43	31903	5.360	ug/L	99
16) Methylene chloride	4.41	84	87856m	4.785	ug/L	
17) Methyl tert-butyl Ether	4.91	73	326262	5.424	ug/L	99
18) trans-1,2-Dichloroethene	4.89	96	220683	5.320	ug/L	99
19) 1,1-Dichloroethane	5.70	63	407105	5.224	ug/L	95
21) 2-Butanone	6.70	43	366404	65.490	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	238506	5.510	ug/L #	95

MD 06/22/2018

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Manual Integrations APPROVED
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6/21/2018 11:53:16 AM

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	7.05	128	70298	5.545 ug/L		95
25) Chloroform	7.24	83	389067	5.461 ug/L		97
27) 1,2-Dichloroethane	8.00	62	181027	5.567 ug/L	#	94
29) 1,1,1-Trichloroethane	7.43	97	264022	4.474 ug/L		99
30) Cyclohexane	7.52	56	344748	4.576 ug/L		100
31) Carbon tetrachloride	7.64	117	247394	4.775 ug/L		98
33) Benzene	7.91	78	968779	4.966 ug/L		100
34) Trichloroethene	8.71	95	227203	4.814 ug/L		94
35) Methylcyclohexane	8.96	83	351850	4.725 ug/L		99
37) 1,2-Dichloropropane	8.99	63	231955	5.349 ug/L		99
38) Bromodichloromethane	9.28	83	214915	5.111 ug/L		95
39) cis-1,3-Dichloropropene	9.72	75	236200	4.625 ug/L		96
40) 4-Methyl-2-pentanone	9.86	43	862527	61.468 ug/L		97
42) Toluene	10.03	91	994060	4.756 ug/L		98
44) trans-1,3-Dichloropropene	10.27	75	167662	4.773 ug/L		98
45) 1,1,2-Trichloroethane	10.44	97	112471	5.587 ug/L		91
47) Tetrachloroethene	10.52	164	148951	4.728 ug/L		97
48) 2-Hexanone	10.64	43	577123	64.520 ug/L		97
49) Dibromochloromethane	10.78	129	99792	5.149 ug/L		100
50) 1,2-Dibromoethane	10.89	107	90574	5.613 ug/L	#	99
51) Chlorobenzene	11.31	112	576960	5.154 ug/L		98
52) Ethylbenzene	11.39	91	1101902	5.313 ug/L		98
53) m,p-Xylene	11.50	106	407466	5.147 ug/L		91
54) o-Xylene	11.83	106	375885	5.313 ug/L		96
55) Styrene	11.85	104	629390	5.788 ug/L		92
56) Isopropylbenzene	12.13	105	1024381	5.385 ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.38	83	117421	6.299 ug/L	#	93
59) 1,2,3-Trichloropropane	12.43	75	80980	6.019 ug/L		96
61) Bromoform	12.01	173	30225	4.011 ug/L		99
62) 1,3-Dichlorobenzene	13.16	146	352645	4.755 ug/L		98
63) 1,4-Dichlorobenzene	13.24	146	374793	5.055 ug/L		97
65) 1,2-Dichlorobenzene	13.53	146	311677	5.245 ug/L		98
66) 1,2-Dibromo-3-chloropropan	14.15	75	11096	4.726 ug/L	#	85
67) 1,3,5-Trichlorobenzene	14.29	180	240248	4.892 ug/L		98
68) 1,2,4-trichlorobenzene	14.79	180	171600	5.019 ug/L		98
69) Naphthalene	15.00	128	238981	5.371 ug/L		98
70) 1,2,3-Trichlorobenzene	15.18	180	148659	5.619 ug/L		100

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