

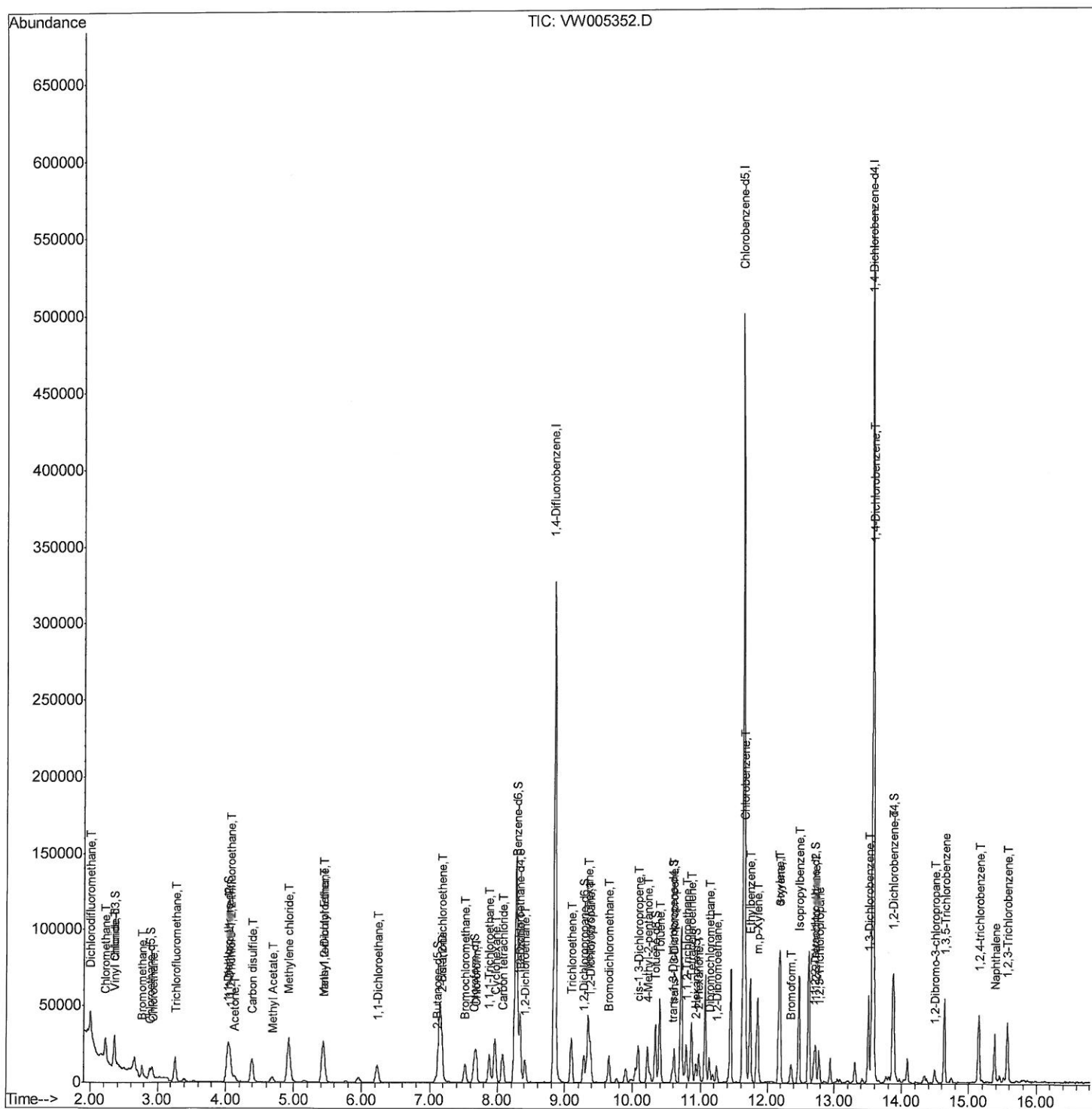
Data File : VW005352.D
Acq On : 13 Sep 2018 13:53
Operator : SY/AP
Sample : VSTD2.581
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.581

Manual Integrations
APPROVED

MMDadoda
9/14/2018 4:58:37 PM

Quant Time: Sep 13 18:04:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 13 17:26:24 2018
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091418\
Quantitation Report (Qedit)

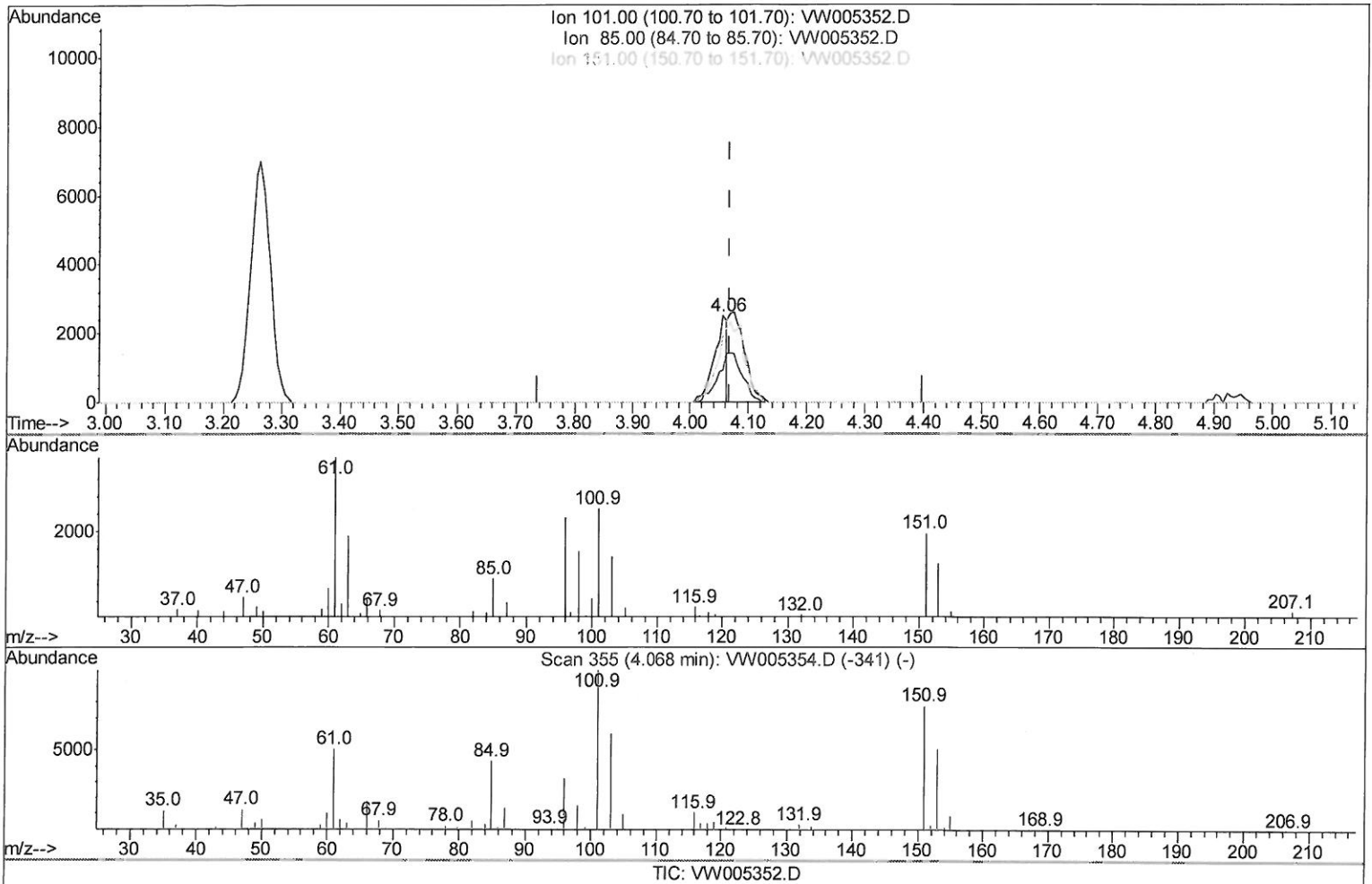
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(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.056min (-0.012) 1.09ug/L

response 3905

Ion	Exp%	Act%
101.00	100	100
85.00	44.80	105.63#
151.00	79.90	115.13#
0.00	0.00	0.00

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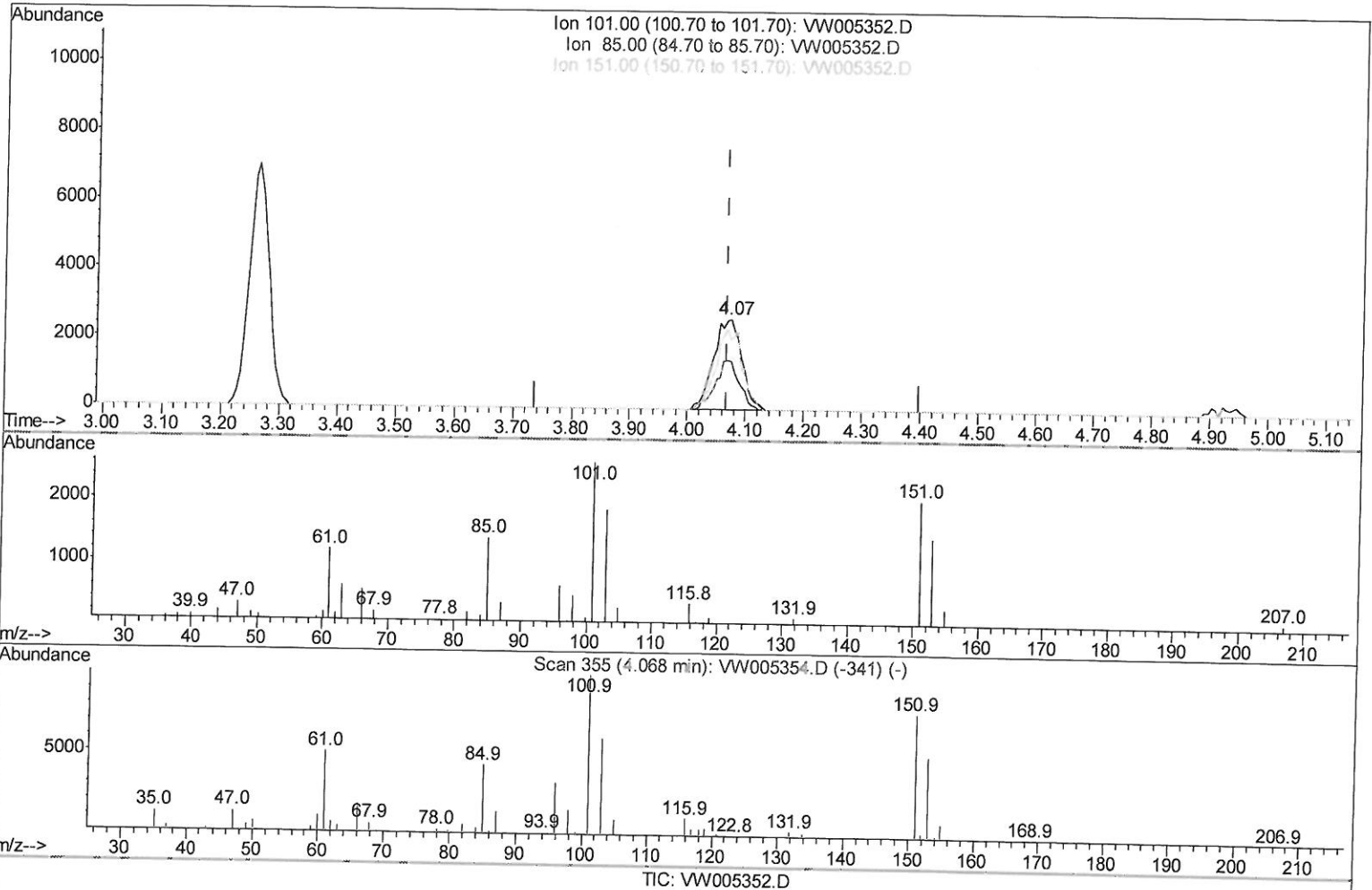
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(11) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.074min (+0.006) 2.47ug/L m

209/14/18 SY

response 8845

Ion	Exp%	Act%
101.00	100	100
85.00	44.80	46.64
151.00	79.90	50.83#
0.00	0.00	0.00

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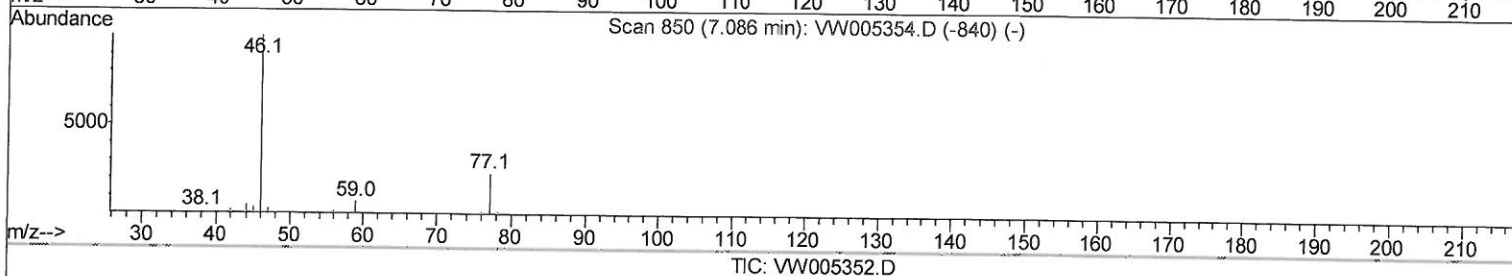
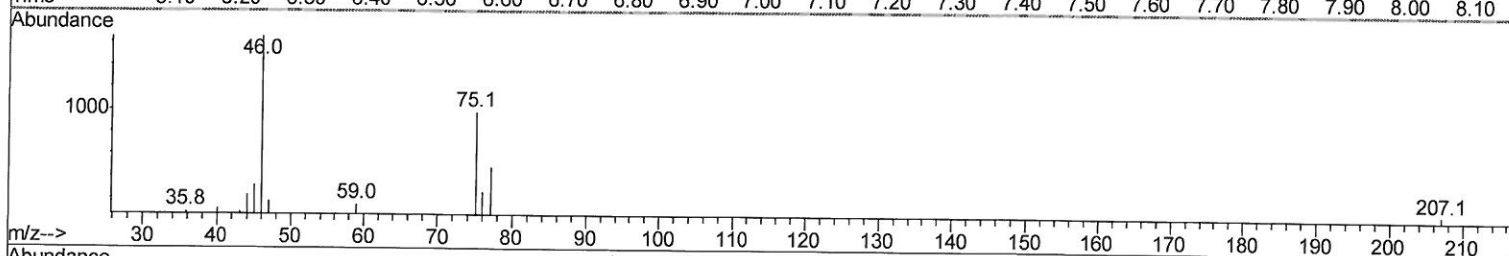
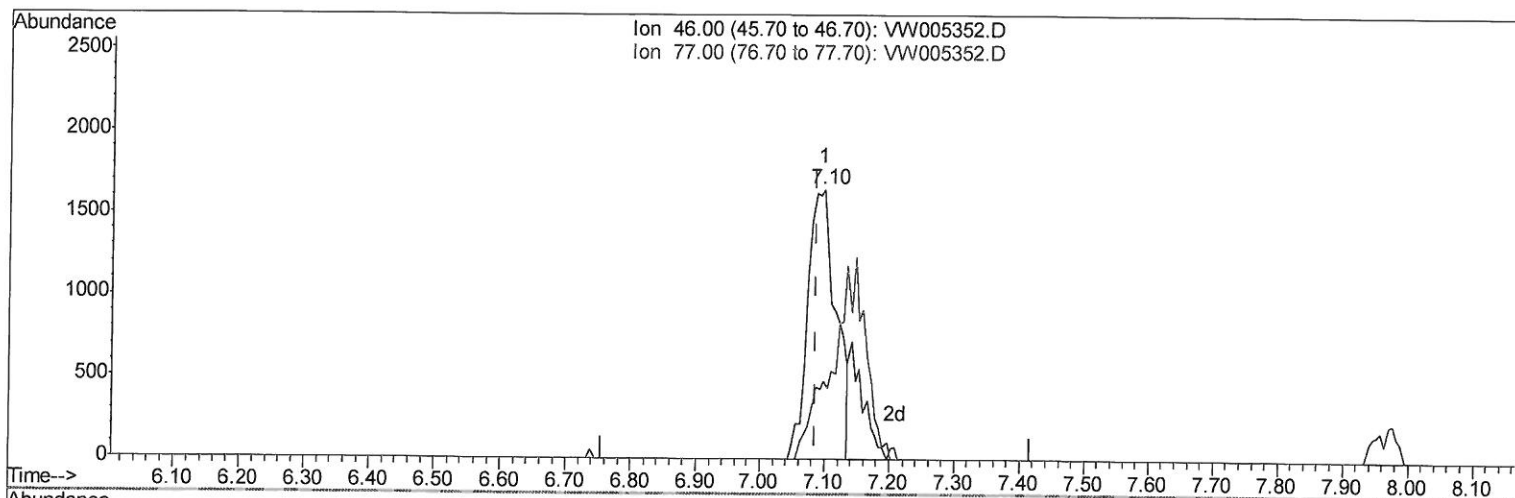
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TIC: VW005352.D

(20) 2-Butanone-d5 (S)

7.098min (+0.013) 4.45ug/L

response 5055

Ion	Exp%	Act%
46.00	100	100
77.00	22.50	18.64
0.00	0.00	0.00
0.00	0.00	0.00

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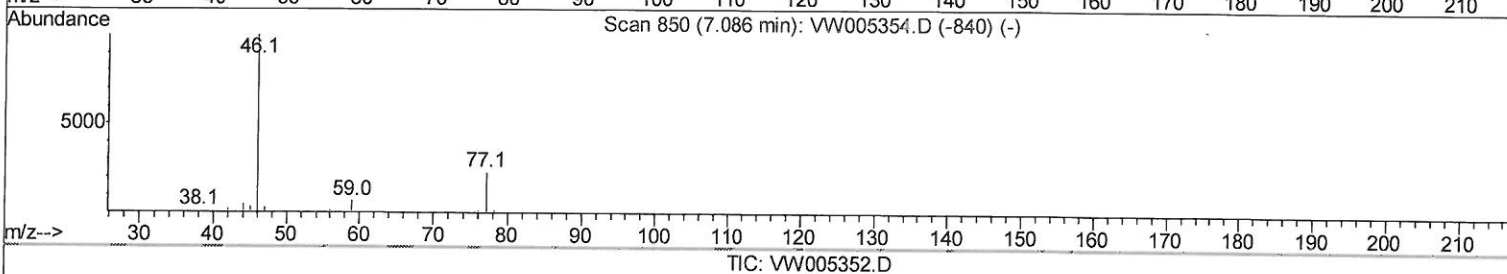
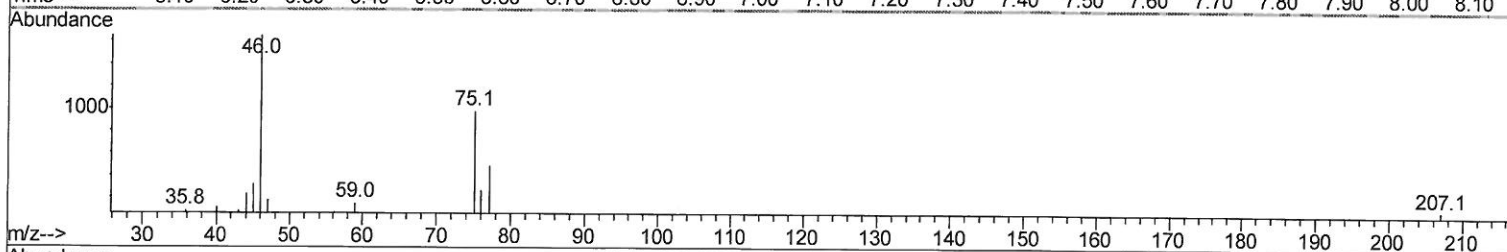
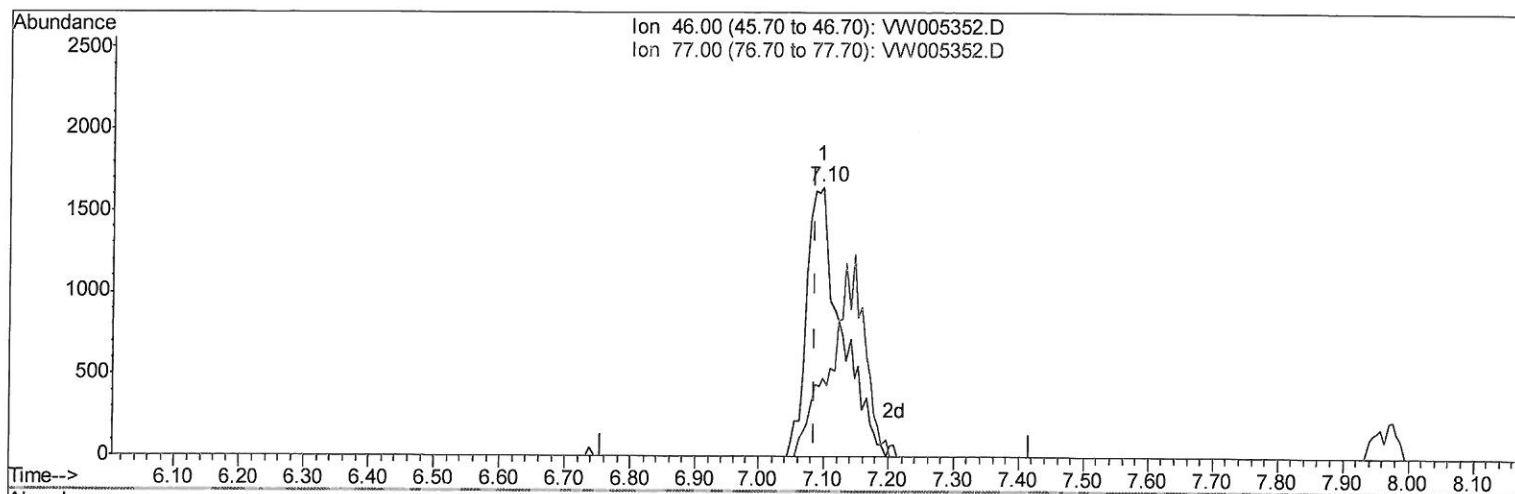
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(20) 2-Butanone-d5 (S)

7.098min (+0.013) 5.43ug/L m

response 6162

Ion	Exp%	Act%
46.00	100	100
77.00	22.50	15.29#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	273739	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	275716	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	141906	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	8865	2.83	ug/L	0.00
7) Chloroethane-d5	2.88	69	6393	2.93	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	15690	2.83	ug/L	0.00
20) 2-Butanone-d5	7.10	46	6162m	5.43	ug/L	0.01
24) Chloroform-d	7.65	84	12632	2.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.32	65	8375	2.59	ug/L	0.00
29) Benzene-d6	8.29	84	27382	2.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	7861	2.52	ug/L	0.00
37) Toluene-d8	10.33	98	26193	2.36	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	3675	2.37	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3926	4.20	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	7534	2.33	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	10704	2.56	ug/L	0.00

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	12497	2.193	ug/L	98
3) Chloromethane	2.22	50	12420	2.358	ug/L	99
5) Vinyl chloride	2.36	62	11517	2.297	ug/L	98
6) Bromomethane	2.77	94	6051	2.326	ug/L	90
8) Chloroethane	2.92	64	6569	2.464	ug/L	87
9) Trichlorofluoromethane	3.26	101	16436	2.513	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	8845m	2.466	ug/L	73
12) 1,1-Dichloroethene	4.04	96	7503	2.500	ug/L #	86
13) Acetone	4.14	43	7330	6.675	ug/L	100
14) Carbon disulfide	4.39	76	27941	2.355	ug/L	86
15) Methyl Acetate	4.69	43	6028	2.472	ug/L #	97
16) Methylene chloride	4.92	84	21586	4.111	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	19919	2.381	ug/L	92
18) trans-1,2-Dichloroethene	5.43	96	8142	2.390	ug/L	97
19) 1,1-Dichloroethane	6.23	63	15661	2.531	ug/L	95
21) 2-Butanone	7.18	43	10276	6.182	ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	9069	2.507	ug/L	79
23) Bromochloromethane	7.52	128	4073	2.393	ug/L #	100
25) Chloroform	7.69	83	16909	2.597	ug/L	97
27) 1,2-Dichloroethane	8.41	62	12623	2.490	ug/L	99
30) Cyclohexane	7.96	56	12492	1.989	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	14928	2.364	ug/L	100
32) Carbon tetrachloride	8.07	117	13731	2.339	ug/L	98
34) Benzene	8.33	78	36388	2.335	ug/L	99
35) Trichloroethene	9.10	95	9614	2.325	ug/L	99
36) Methylcyclohexane	9.34	83	15415	2.176	ug/L	95
40) 1,2-Dichloropropane	9.38	63	9114	2.367	ug/L	94
41) Bromodichloromethane	9.65	83	11782	2.372	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	12569	2.204	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	15836	4.387	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	39126	2.175	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	11757	2.209	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	7231	2.388	ug/L	95
47) Tetrachloroethene	10.87	164	8836	2.372	ug/L	96
49) 2-Hexanone	10.98	43	10045	3.744	ug/L	96
50) Dibromochloromethane	11.13	129	8049	2.202	ug/L	94
51) 1,2-Dibromoethane	11.24	107	7017	2.364	ug/L	91
52) Chlorobenzene	11.66	112	27862	2.380	ug/L	100
53) Ethylbenzene	11.74	91	46764	2.257	ug/L	98
54) m,p-Xylene	11.85	106	16808	2.148	ug/L	97
55) o-xylene	12.18	106	15612	2.131	ug/L	88
56) Styrene	12.19	104	26820	2.125	ug/L	95
57) Isopropylbenzene	12.47	105	42000	2.069	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	9827	2.381	ug/L #	92
59) 1,2,3-Trichloropropane	12.78	75	8467	2.422	ug/L	96
62) Bromoform	12.35	173	5580	2.310	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	22194	2.430	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	23151	2.414	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	21588	2.436	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	2382	2.564	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.64	180	17474	2.392	ug/L	97
68) 1,2,4-trichlorobenzene	15.15	180	13805	2.289	ug/L	98
69) Naphthalene	15.38	128	27519	2.134	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	12755	2.260	ug/L	98

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