

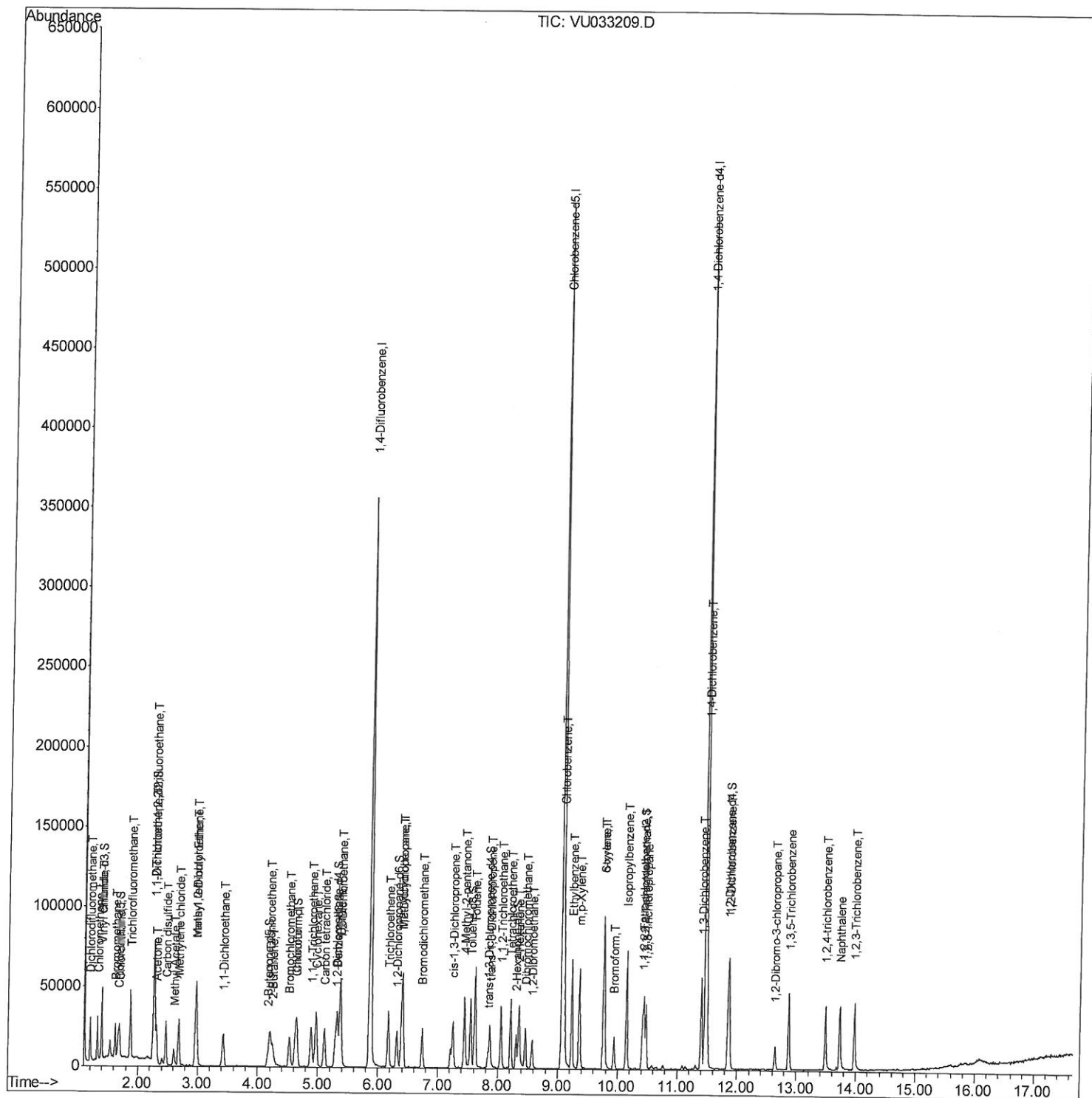
```
Data File : VU033209.D
Acq On    : 12 Jul 2019   09:18
Operator  : JC/SP
Sample    : VSTD00532
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Manual Integrations

MMDadoda
7/15/2019 10:05:43 AM

Quant Time: Jul 12 23:35:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 23:28:24 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071219\
Quantitation Report (Qedit)

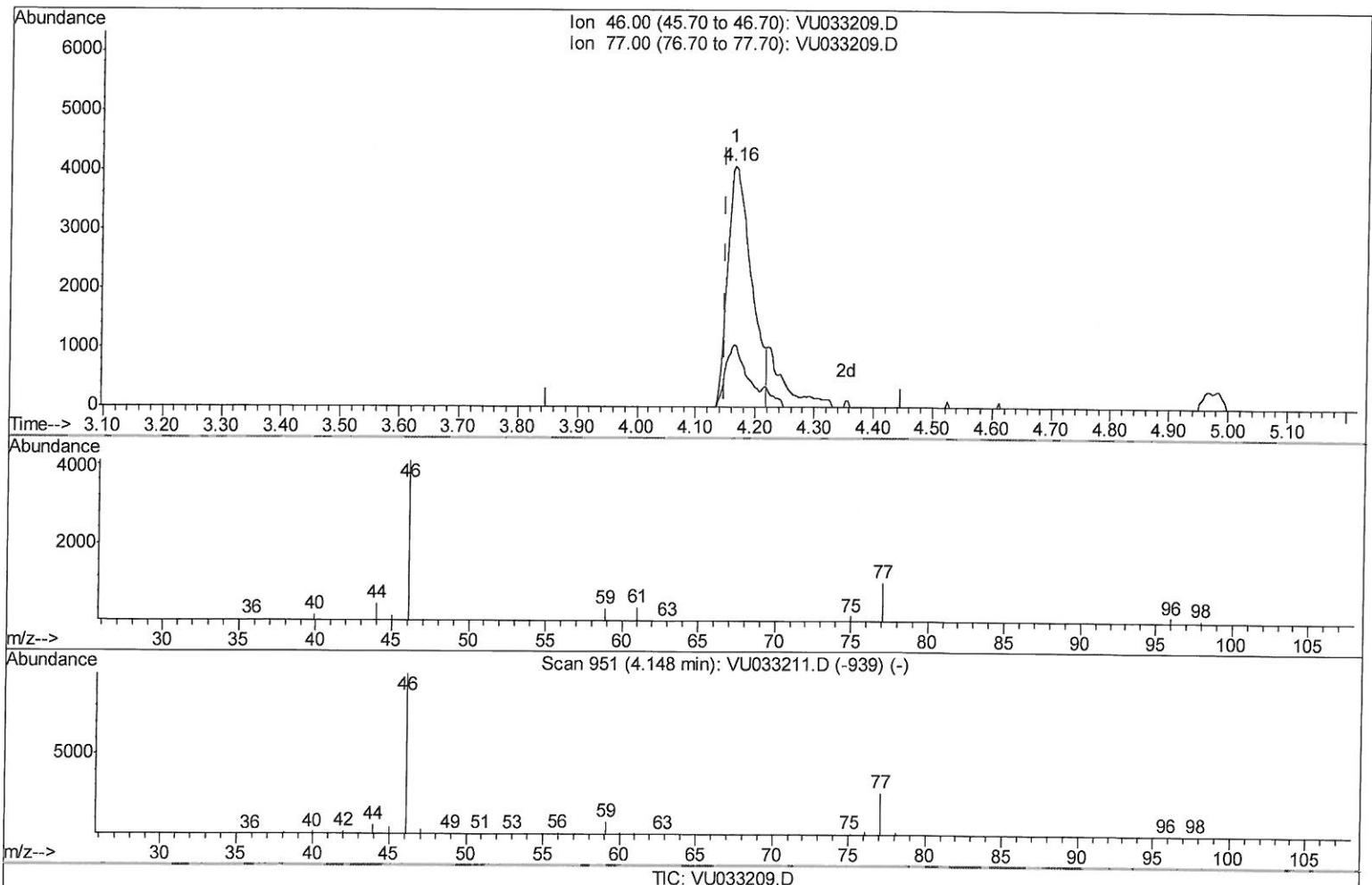
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Quant Time: Jul 12 23:31:16 2019
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(21) 2-Butanone-d5 (S)

4.164min (+0.016) 6.98ug/L

response 11322

Ion	Exp%	Act%
46.00	100	100
77.00	25.00	22.55
0.00	0.00	0.00
0.00	0.00	0.00

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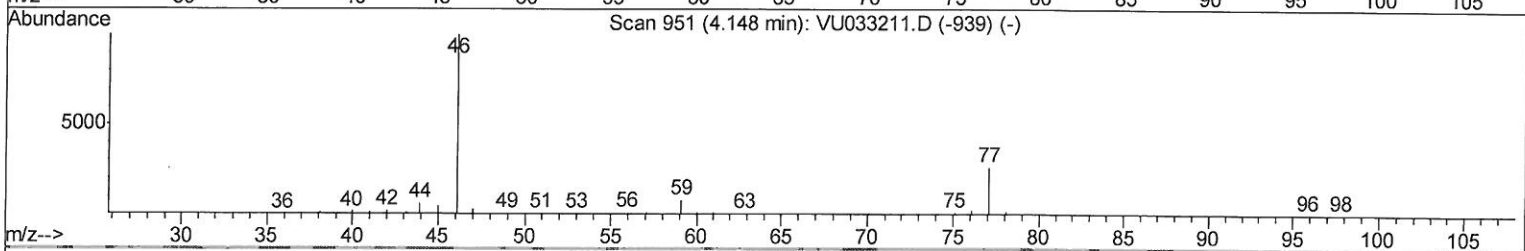
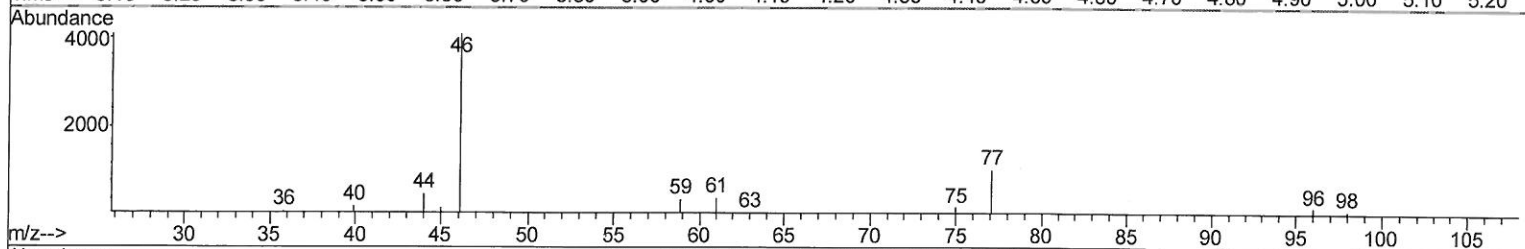
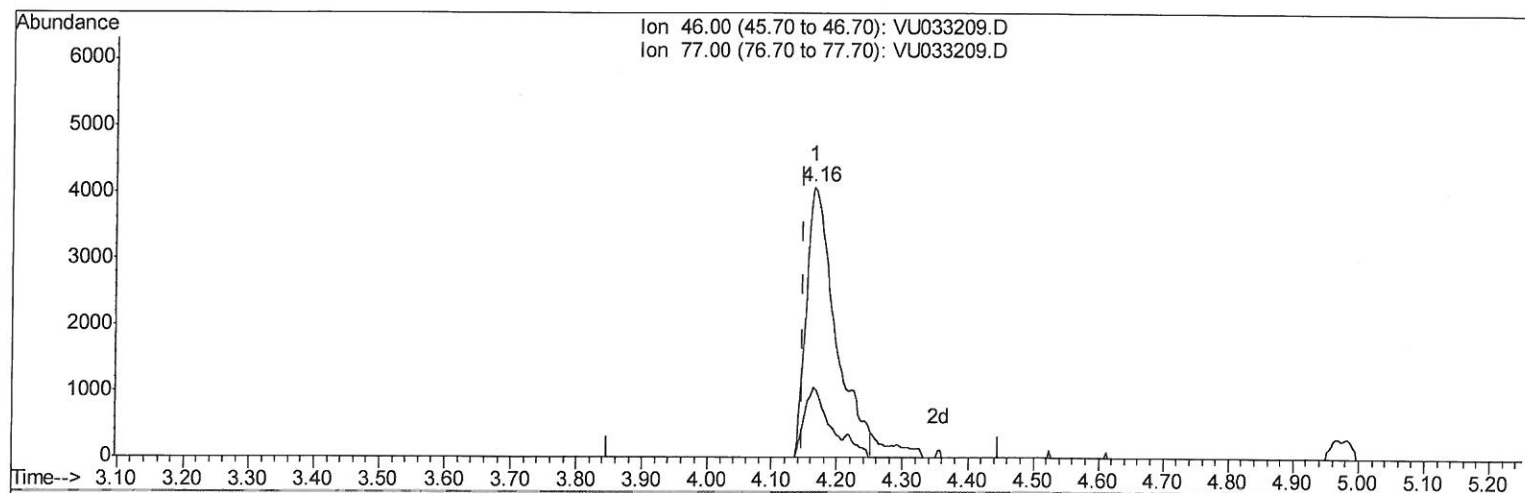
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TIC: VU033209.D

(21) 2-Butanone-d5 (S)

4.164min (+0.016) 7.75ug/L m

response 12571

Ion	Exp%	Act%
46.00	100	100
77.00	25.00	20.31
0.00	0.00	0.00
0.00	0.00	0.00

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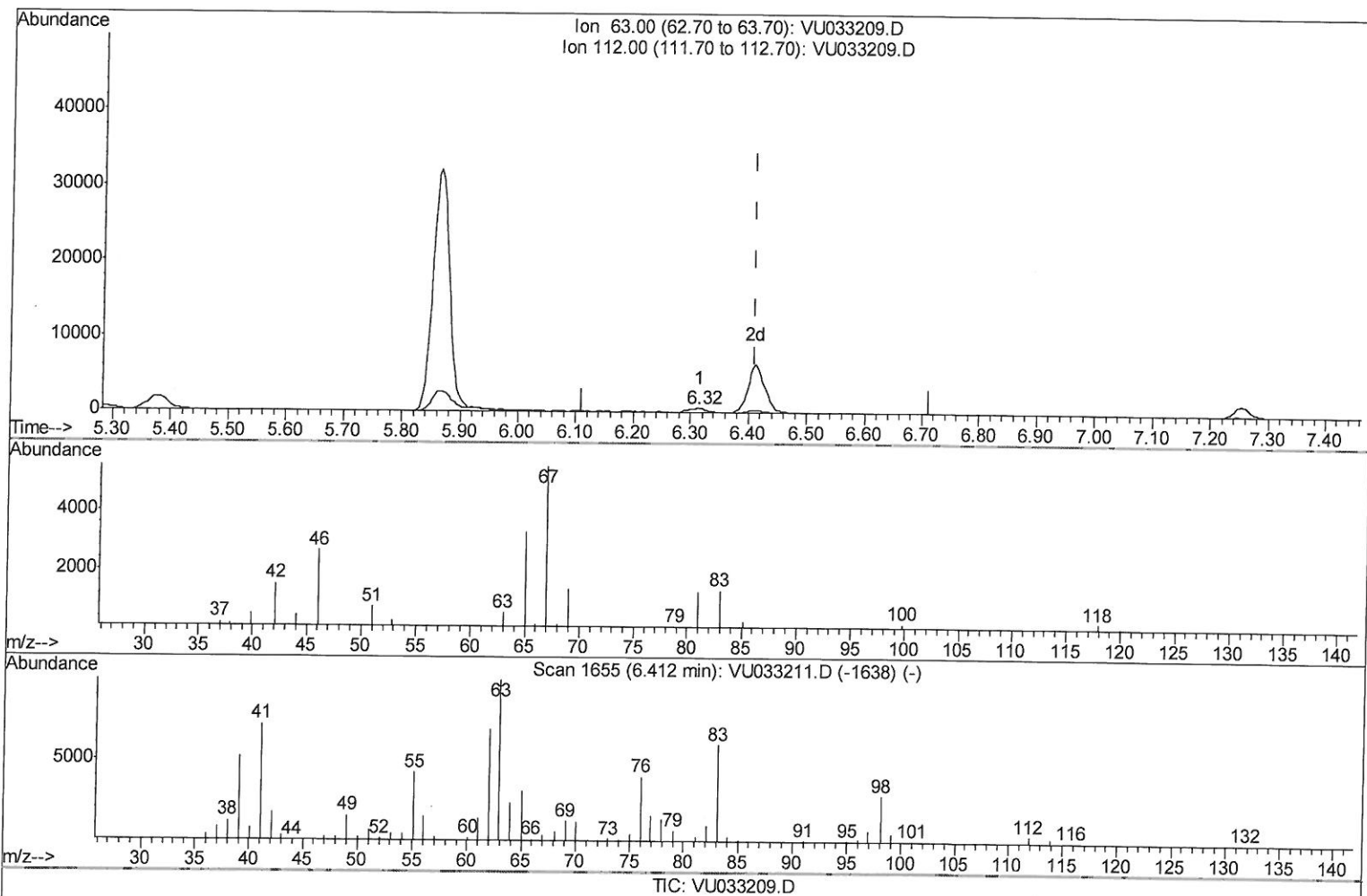
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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(37) 1,2-Dichloropropane (T)

6.315min (-0.096) 0.52ug/L

response 1201

Ion	Exp%	Act%
63.00	100	100
112.00	4.00	3.33
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

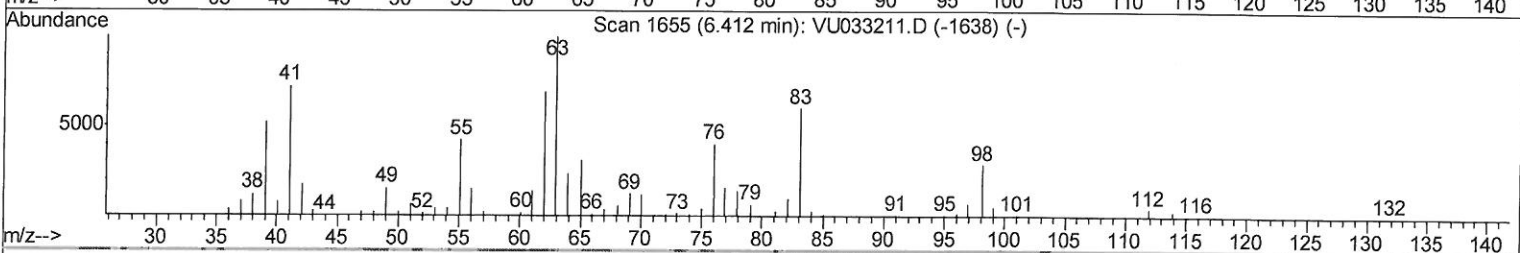
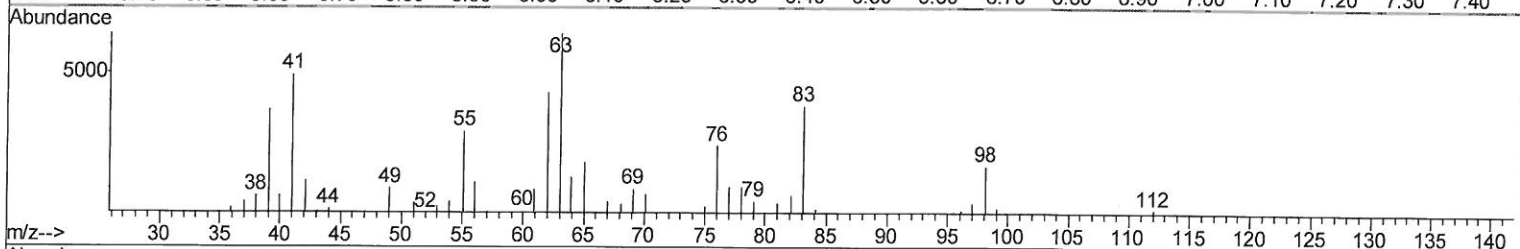
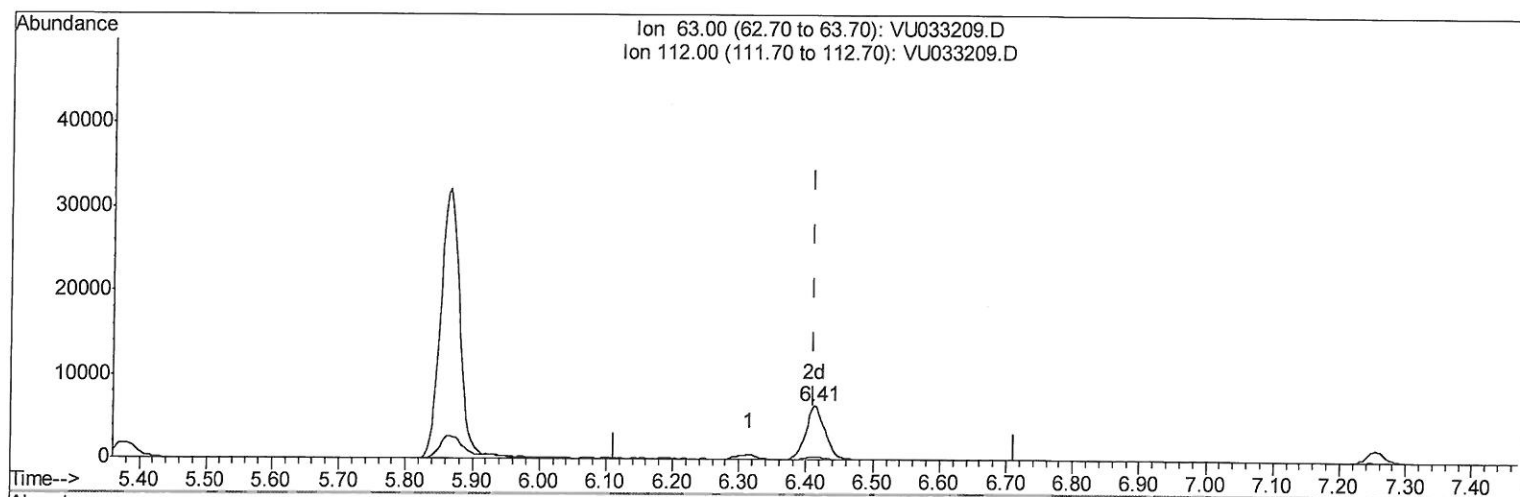
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TIC: VU033209.D

(37) 1,2-Dichloropropane (T)

6.412min (+0.000) 5.56ug/L m

response 12729

Ion	Exp%	Act%
63.00	100	100
112.00	4.00	0.31#
0.00	0.00	0.00
0.00	0.00	0.00

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7/17/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	297556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	293950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	135072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	11315	5.50	ug/L	0.00
7) Chloroethane-d5	1.67	69	9318	5.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	20718	5.01	ug/L	0.00
21) 2-Butanone-d5	4.16	46	12571m	7.75	ug/L	0.02
24) Chloroform-d	4.62	84	18646	4.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	12182	4.74	ug/L	0.00
32) Benzene-d6	5.32	84	33963	4.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	11488	4.86	ug/L	0.00
41) Toluene-d8	7.55	98	30932	4.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	5158	4.20	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	7790	7.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	16243	4.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	11707	4.60	ug/L	0.00

MD
7/17/19

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	16993	5.743 ug/L	96
3) Chloromethane	1.32	50	16826	6.155 ug/L	98
5) Vinyl chloride	1.40	62	19193	6.879 ug/L	99
6) Bromomethane	1.62	94	9606	5.893 ug/L	97
8) Chloroethane	1.69	64	11227	6.849 ug/L	94
9) Trichlorofluoromethane	1.87	101	24329	6.294 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	11229	5.628 ug/L	97
12) 1,1-Dichloroethene	2.27	96	10974	5.789 ug/L	87
13) Acetone	2.31	43	24035	10.940 ug/L	99
14) Carbon disulfide	2.46	76	33993	5.750 ug/L	97
15) Methyl Acetate	2.60	43	12087	4.708 ug/L	100
16) Methylene chloride	2.69	84	12446	5.683 ug/L	96
17) trans-1,2-Dichloroethene	2.96	96	11176	5.534 ug/L	98
18) Methyl tert-butyl Ether	2.98	73	33257	5.172 ug/L	98
19) 1,1-Dichloroethane	3.42	63	21830	5.688 ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	12023	5.433 ug/L	96
22) 2-Butanone	4.24	43	21904	9.490 ug/L	93
23) Bromochloromethane	4.53	128	6332	5.530 ug/L	# 97
25) Chloroform	4.65	83	23729	5.961 ug/L	100
27) 1,2-Dichloroethane	5.39	62	17217	5.317 ug/L	99
29) Cyclohexane	4.97	56	16207	4.832 ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	19461	5.578 ug/L	98
31) Carbon tetrachloride	5.11	117	16365	5.183 ug/L	95
33) Benzene	5.37	78	46139	5.507 ug/L	100
34) Trichloroethene	6.17	95	12634	5.683 ug/L	97
35) Methylcyclohexane	6.40	83	17408	5.066 ug/L	96
37) 1,2-Dichloropropane	6.41	63	12729m	5.562 ug/L	99
38) Bromodichloromethane	6.74	83	16175	5.286 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	18184	5.148 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	30648	8.618 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	47390	5.227	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	15957	4.796	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	12126	5.681	ug/L	97
46) Tetrachloroethene	8.21	164	9271	5.137	ug/L	95
48) 2-Hexanone	8.35	43	25642	8.286	ug/L	98
49) Dibromochloromethane	8.46	129	12879	5.079	ug/L	95
50) 1,2-Dibromoethane	8.57	107	12835	5.422	ug/L	96
51) Chlorobenzene	9.10	112	32709	5.492	ug/L	96
52) Ethylbenzene	9.23	91	47783	4.776	ug/L	100
53) m,p-Xylene	9.36	106	18587	4.916	ug/L	99
54) o-xylene	9.76	106	17568	4.747	ug/L	97
55) Styrene	9.78	104	28803	4.501	ug/L	93
56) Isopropylbenzene	10.15	105	45689	4.614	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.44	83	20428	5.279	ug/L	97
59) 1,2,3-Trichloropropane	10.48	75	16503	5.411	ug/L	100
61) Bromoform	9.94	173	8506	4.968	ug/L #	96
62) 1,3-Dichlorobenzene	11.40	146	23102	5.589	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	24976	5.836	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	24154	5.710	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	4366	5.455	ug/L	91
67) 1,3,5-Trichlorobenzene	12.87	180	15592	4.751	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	12569	4.485	ug/L	98
69) Naphthalene	13.73	128	35832	4.108	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	15586	5.240	ug/L	90

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