

(QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040920\
Data File : VV015413.D

Acq On : 09 Apr 2020 11:51

Operator : SY/MD

Sample : VSTD0.534

Misc : 25.0mL/MSVOA V/WATER

ALS Vial : 3 Sample Multiplier: 1

MSVOA_V

VSTD0.534

Manual Integrations

APPROVED

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4/10/2020 11:13:10 AM

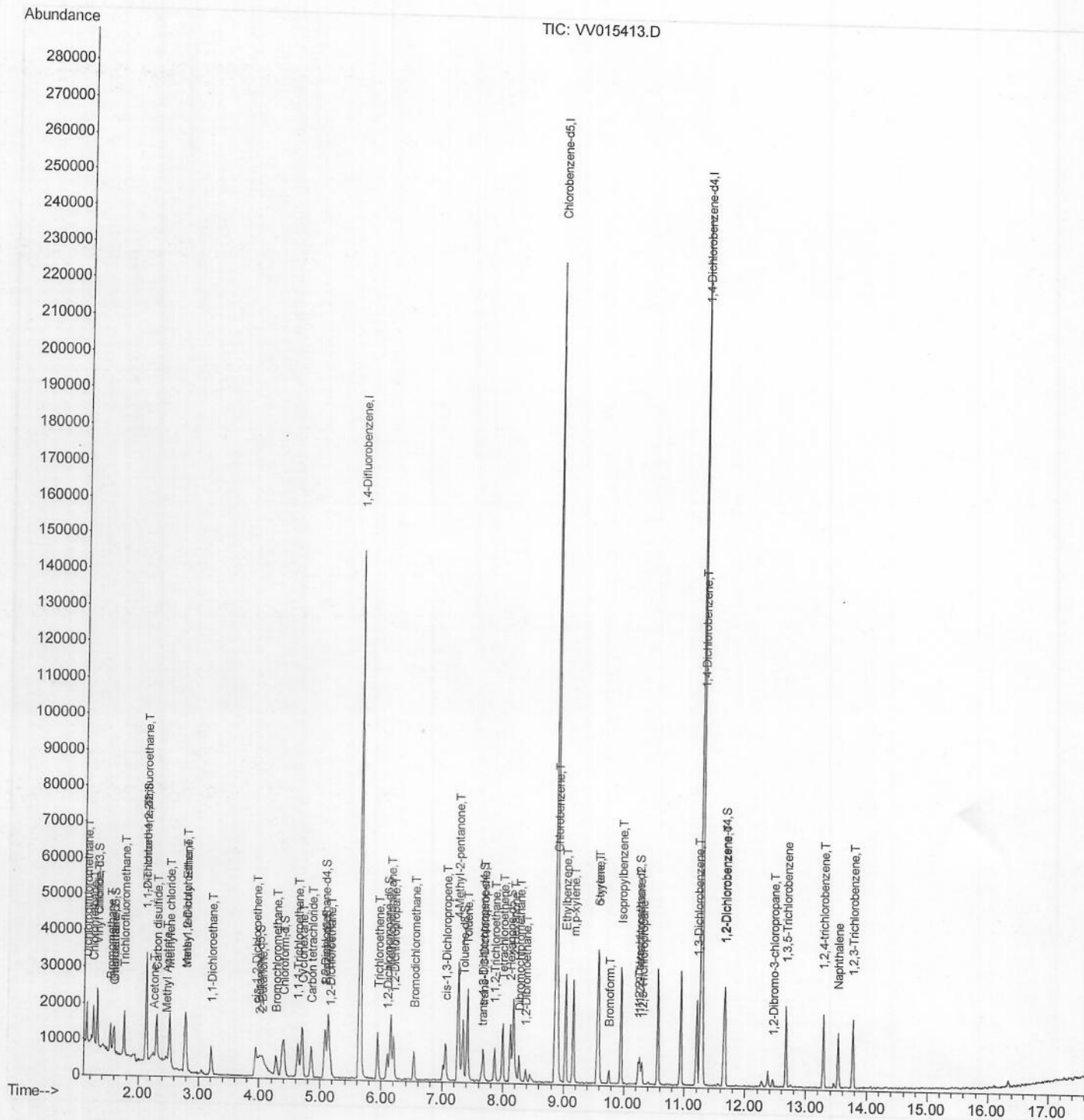
Quant Time: Apr 10 03:50:38 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SQM\STD040000.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Apr 10 02:18:02 2020

Response via : Initial Calibration



Quantitation Report (Qedit)

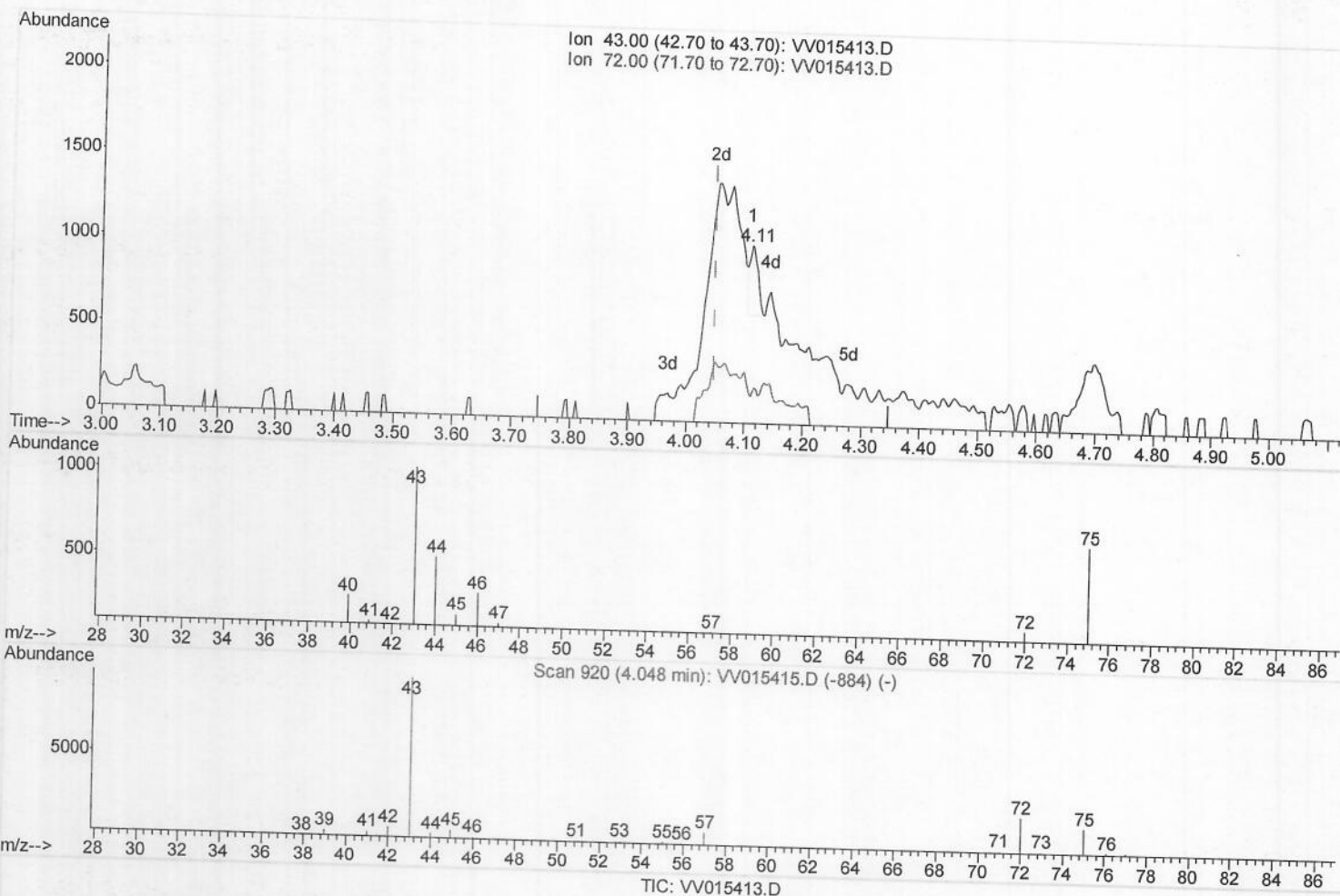
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Quant Time: Apr 10 02:20:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
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 QLast Update : Fri Apr 10 02:18:02 2020
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(21) 2-Butanone (T)

4.110min (+0.061) 0.17ug/L

response 374

Ion	Exp%	Act%
43.00	100	100
72.00	11.90	7.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

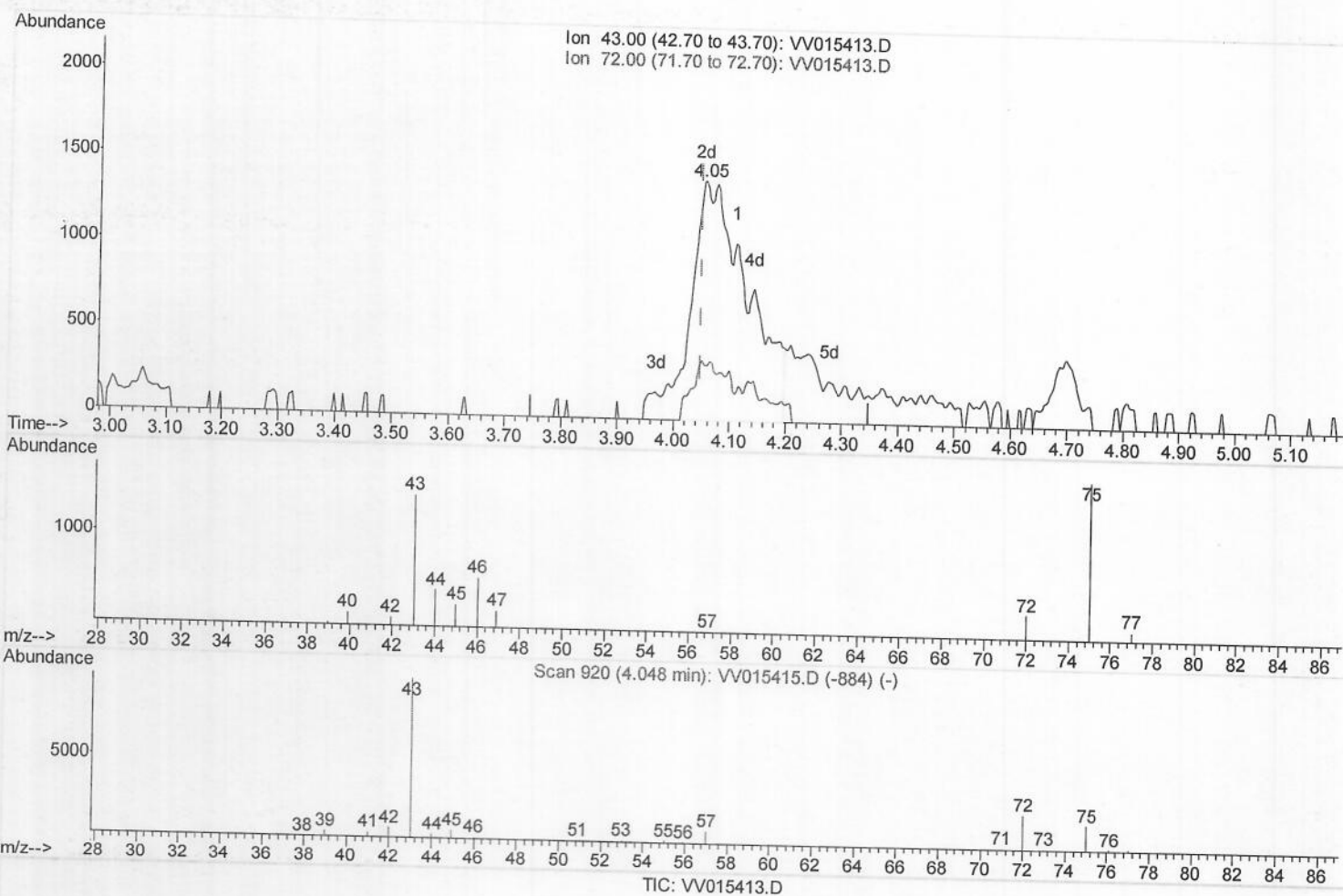
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(21) 2-Butanone (T)

4.052min (+0.003) 4.46ug/L m →

response 9708

Ion	Exp%	Act%
43.00	100	100
72.00	11.90	0.28#
0.00	0.00	0.00
0.00	0.00	0.00

MSD
 04/10/2020

Quantitation Report (Qedit)

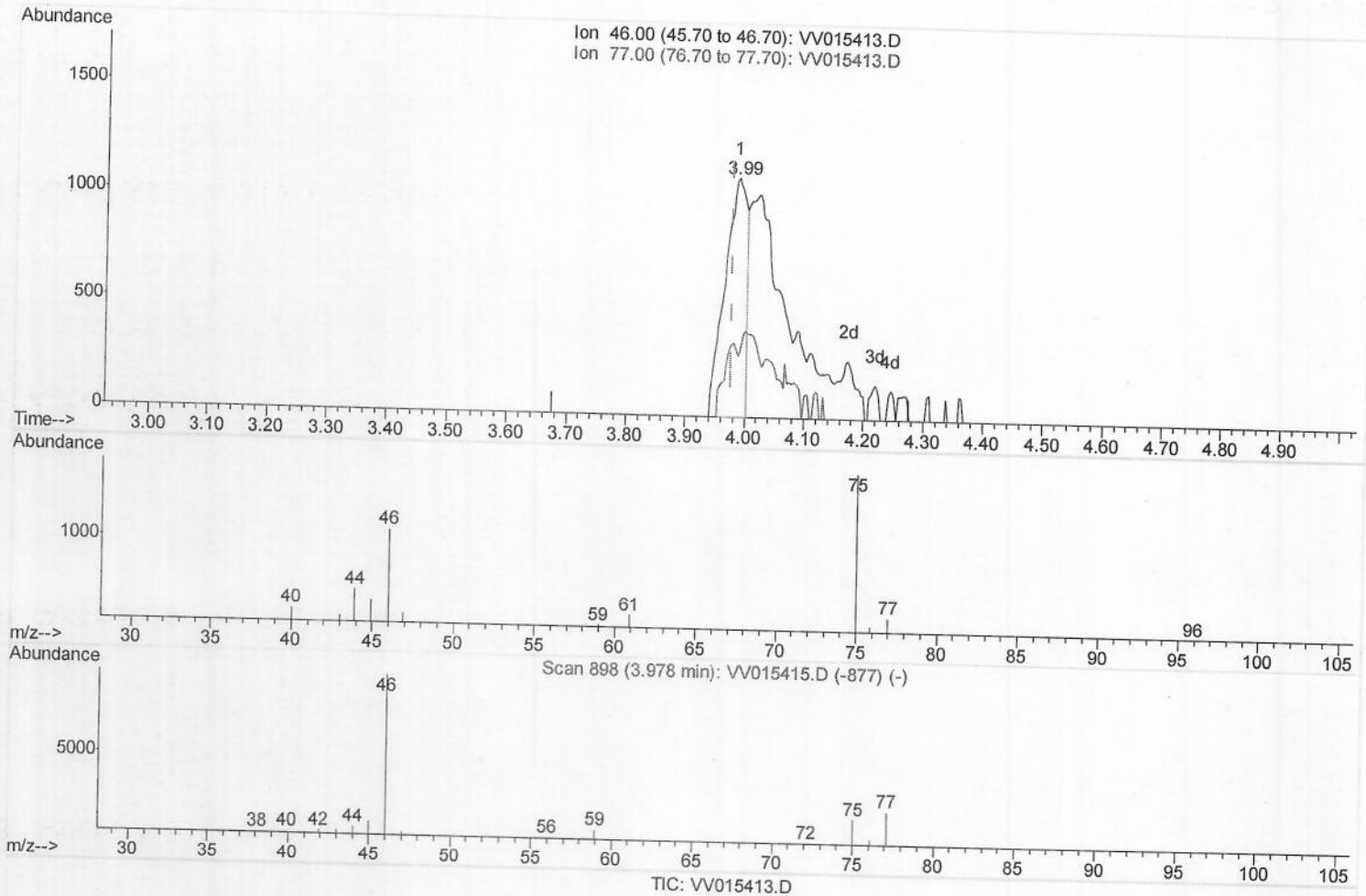
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(20) 2-Butanone-d5 (S)

3.987min (+0.010) 1.46ug/L

response 2838

Ion	Exp%	Act%
46.00	100	100
77.00	8.10	18.29#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

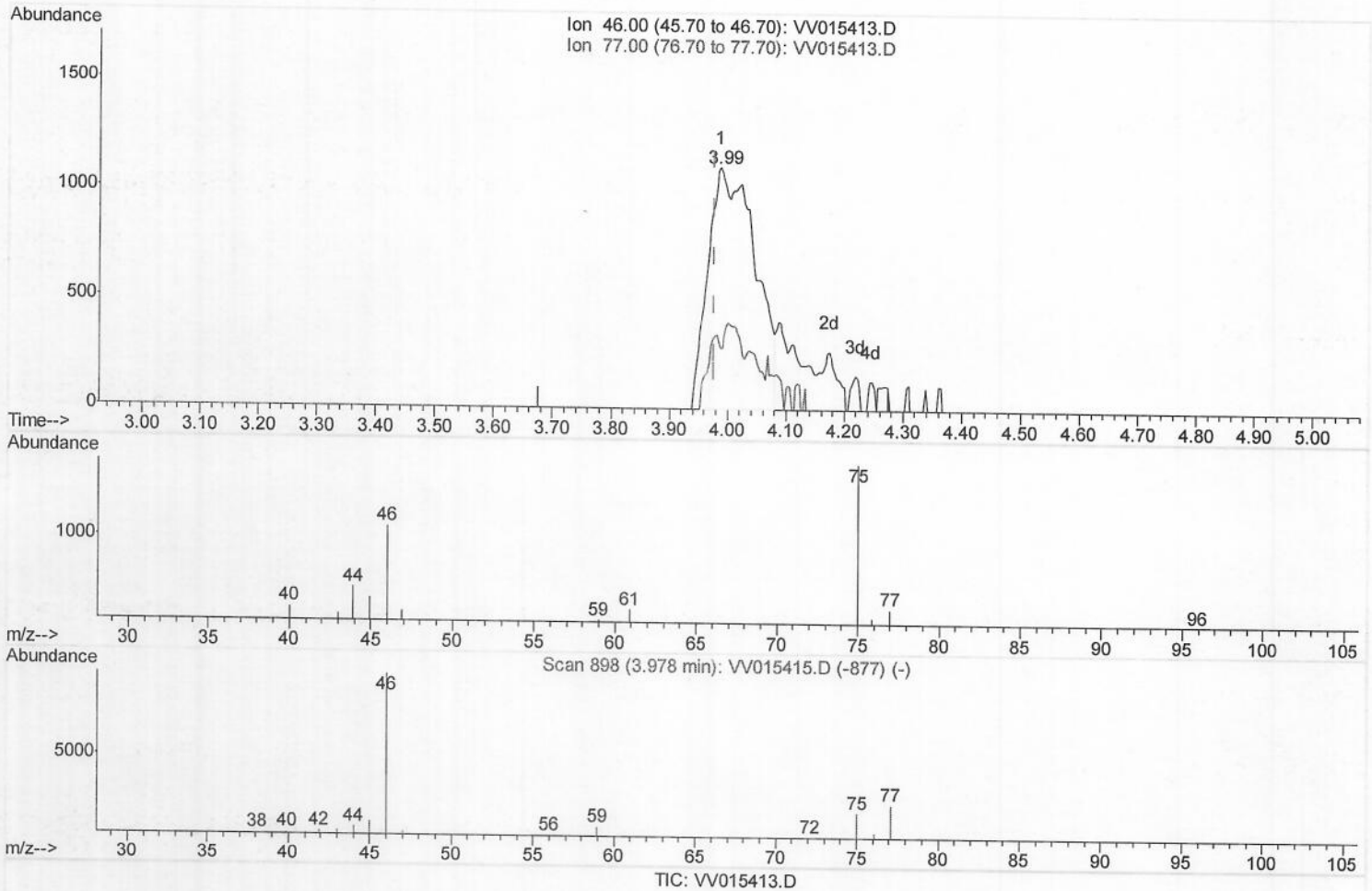
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(20) 2-Butanone-d5 (S)

3.987min (+0.010) 3.20ug/L m

response 6220

Ion	Exp%	Act%
46.00	100	100
77.00	8.10	8.34
0.00	0.00	0.00
0.00	0.00	0.00

MD
 04/10/2020

Quantitation Report (Qedit)

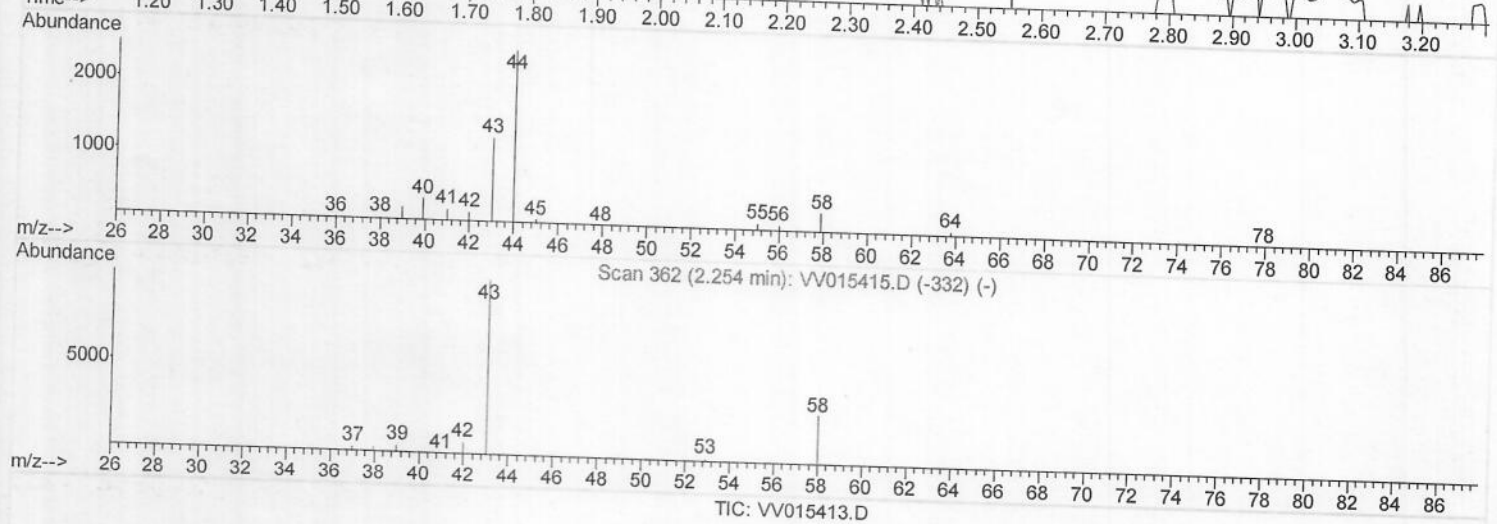
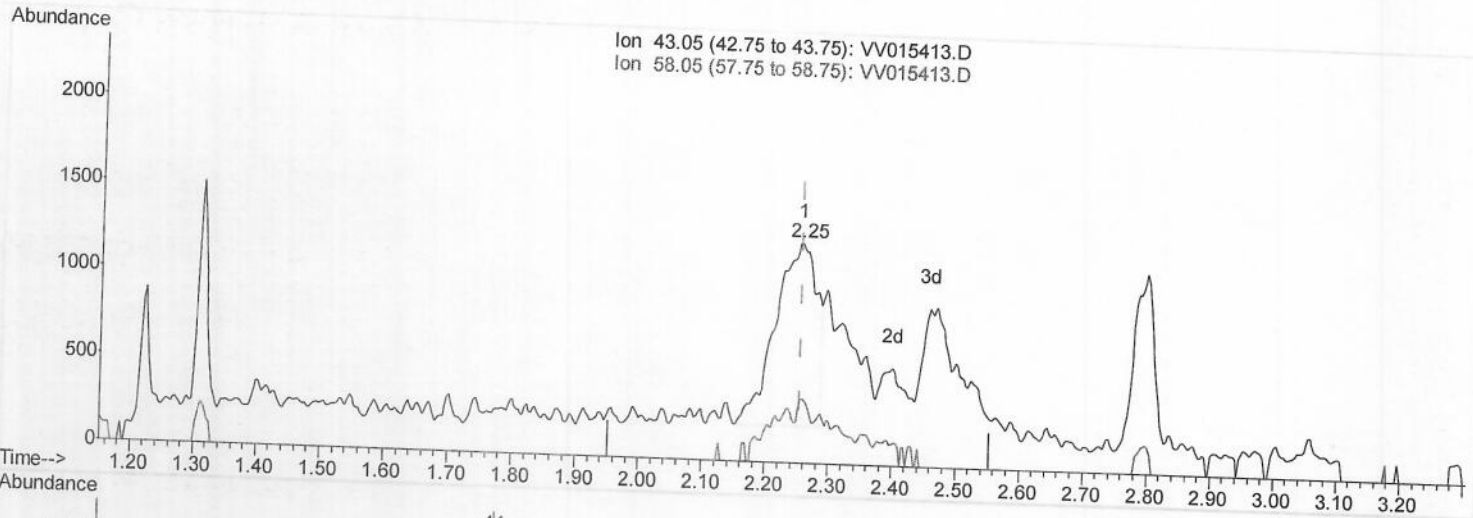
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(13) Acetone (T)

2.254min (+0.000) 3.56ug/L

response 4753

Ion	Exp%	Act%
43.05	100	100
58.05	11.10	5.13
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

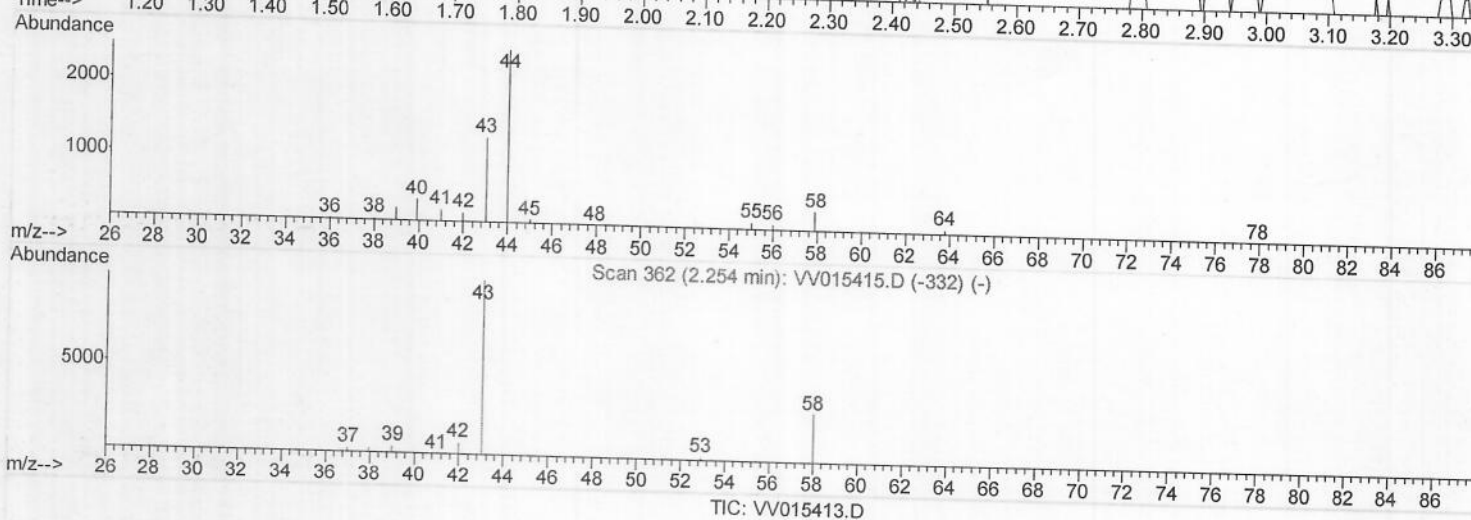
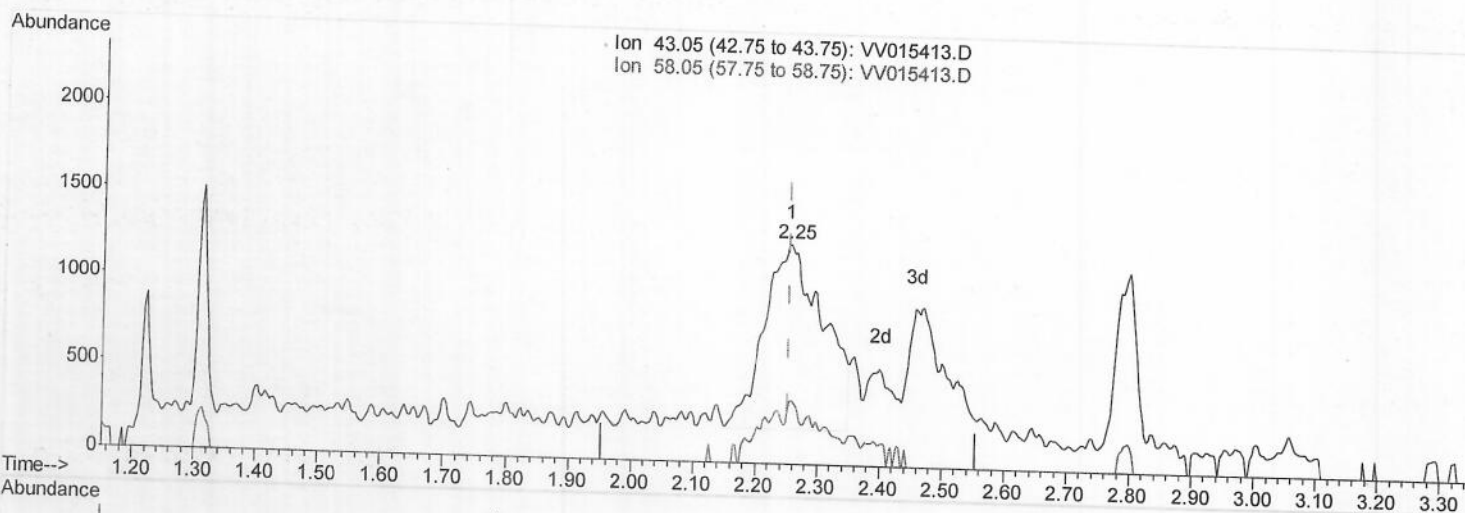
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(13) Acetone (T)

2.254min (+0.000) 5.21ug/L m

response 6956

Ion	Exp%	Act%
43.05	100	100
58.05	11.10	3.51
0.00	0.00	0.00
0.00	0.00	0.00

MD
 04/10/2020

Quantitation Report (Qedit)

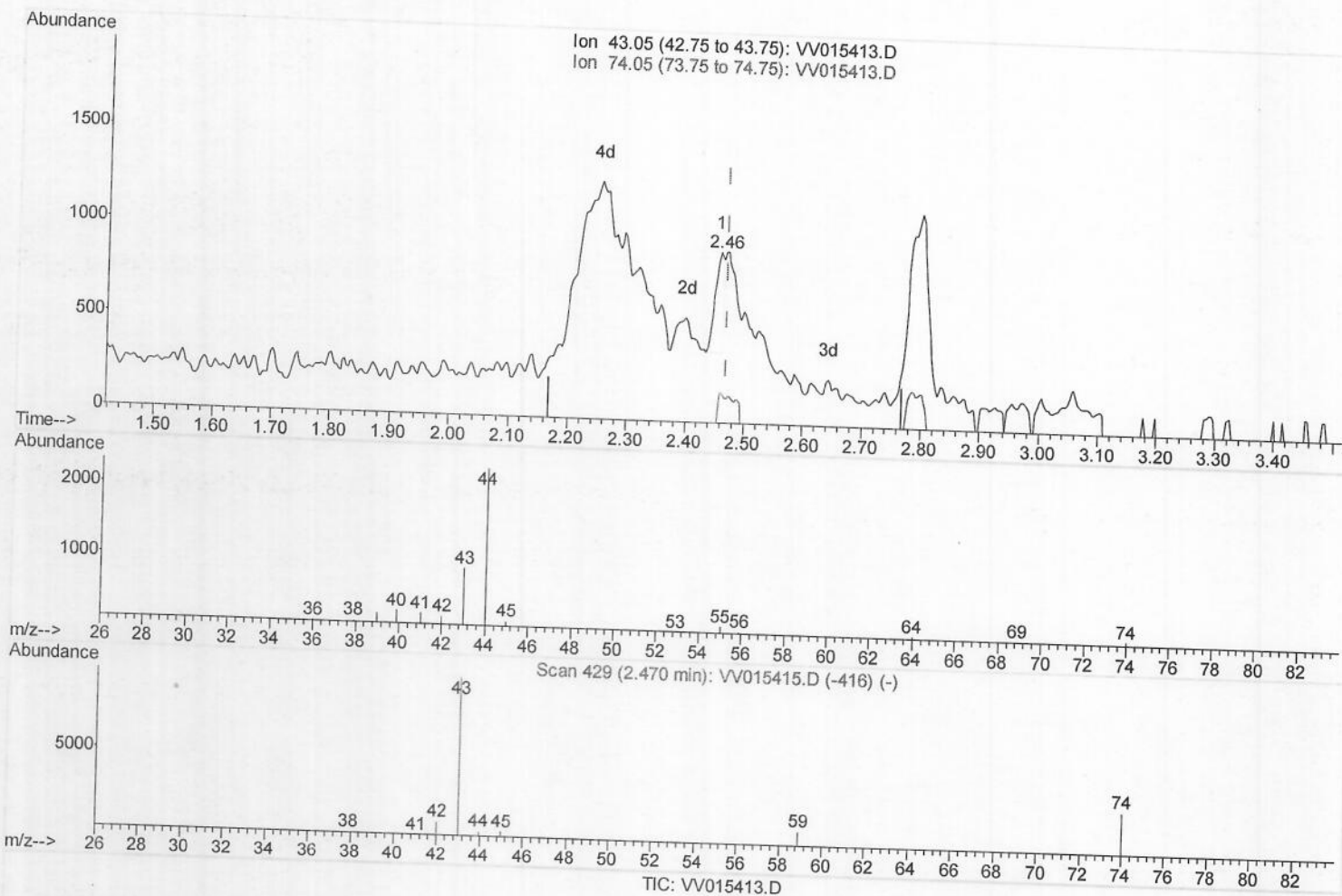
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(15) Methyl Acetate (T)

2.457min (-0.013) 0.14ug/L

response 588

Ion	Exp%	Act%
43.05	100	100
74.05	19.30	23.81#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

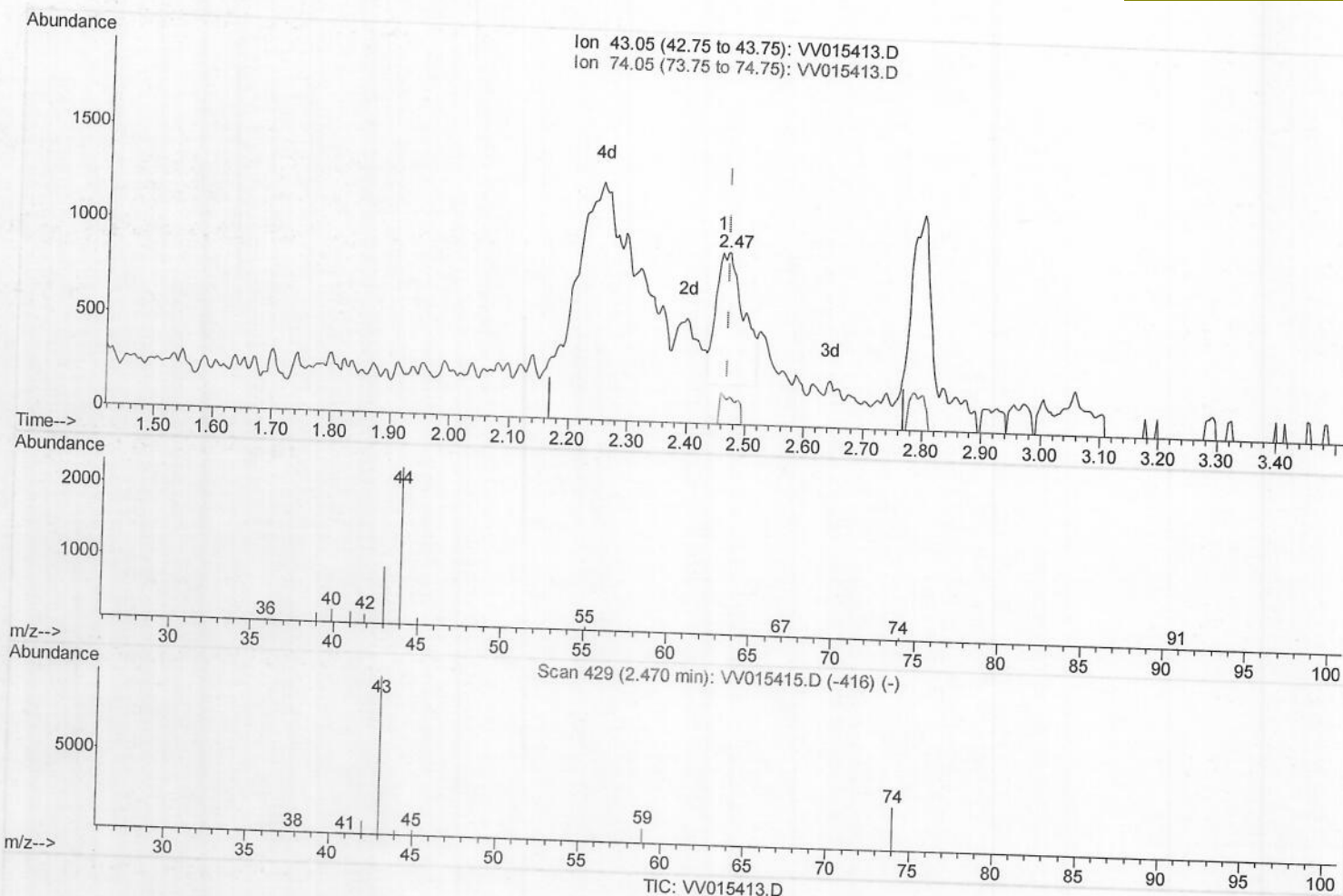
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(15) Methyl Acetate (T)

2.470min (+0.000) 0.56ug/L m

response 2314

Ion	Exp%	Act%
43.05	100	100
74.05	19.30	6.05#
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	5.64	114	120514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54950	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	2900	0.35	ug/L	0.00
7) Chloroethane-d5	1.58	69	2835	0.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	6332	0.34	ug/L	0.00
20) 2-Butanone-d5	3.99	46	6220m	3.20	ug/L	0.00
24) Chloroform-d	4.38	84	6321	0.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	3329	0.44	ug/L	0.00
32) Benzene-d6	5.08	84	11074	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	3317	0.41	ug/L	0.00
41) Toluene-d8	7.34	98	10532	0.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	1379	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	6473	4.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	2695	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	4312	0.46	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.14	85	5822	0.512	ug/L	98
3) Chloromethane	1.24	50	5689	0.486	ug/L	92
5) Vinyl chloride	1.32	62	5538	0.458	ug/L	92
6) Bromomethane	1.53	94	2949	0.388	ug/L	99
8) Chloroethane	1.59	64	3284	0.458	ug/L	92
9) Trichlorofluoromethane	1.76	101	6834	0.396	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3958	0.369	ug/L	98
12) 1,1-Dichloroethene	2.13	96	3969	0.387	ug/L	91
13) Acetone	2.25	43	6956m	5.210	ug/L	100
14) Carbon disulfide	2.31	76	12926	0.391	ug/L	98
15) Methyl Acetate	2.47	43	2314m	0.562	ug/L	98
16) Methylene chloride	2.52	84	5160	0.423	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	9986	0.426	ug/L	98
18) trans-1,2-Dichloroethene	2.77	96	4187	0.386	ug/L	99
19) 1,1-Dichloroethane	3.21	63	7915	0.419	ug/L	99
21) 2-Butanone	4.05	43	9708m	4.458	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	4464	0.401	ug/L	97
23) Bromochloromethane	4.27	128	1809	0.396	ug/L	97
25) Chloroform	4.40	83	8581	0.405	ug/L	99
27) 1,2-Dichloroethane	5.16	62	5231	0.550	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	7315	0.430	ug/L	98
30) Cyclohexane	4.70	56	7665	0.467	ug/L	97
31) Carbon tetrachloride	4.85	117	6292	0.429	ug/L	99
33) Benzene	5.13	78	16946	0.561	ug/L	100
34) Trichloroethene	5.94	95	4550	0.533	ug/L	97
35) Methylcyclohexane	6.15	83	7327	0.493	ug/L	98
37) 1,2-Dichloropropane	6.20	63	4071	0.558	ug/L	96
38) Bromodichloromethane	6.53	83	5552	0.553	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	5955	0.519	ug/L	94
40) 4-Methyl-2-pentanone	7.26	43	26723	6.290	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	18082	0.506	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	4981	0.509	ug/L	87
45) 1,1,2-Trichloroethane	7.86	97	2733	0.503	ug/L	94
47) Tetrachloroethene	7.99	164	3173	0.505	ug/L	97
48) 2-Hexanone	8.17	43	17200	5.701	ug/L	98
49) Dibromochloromethane	8.27	129	3295	0.513	ug/L	93
50) 1,2-Dibromoethane	8.38	107	2618	0.507	ug/L #	93
51) Chlorobenzene	8.90	112	11938	0.517	ug/L	97
52) Ethylbenzene	9.03	91	20001	0.485	ug/L	95
53) m,p-xylene	9.16	106	7722	0.486	ug/L	96
54) o-xylene	9.57	106	7599	0.494	ug/L	97
55) Styrene	9.58	104	12264	0.482	ug/L	99
56) Isopropylbenzene	9.95	105	20128	0.488	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	3295	0.525	ug/L #	93
59) 1,2,3-Trichloropropane	10.30	75	2587	0.545	ug/L	90
61) Bromoform	9.75	173	1557	0.537	ug/L #	93
62) 1,3-Dichlorobenzene	11.21	146	8770	0.485	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	9290	0.512	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	8304	0.514	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.46	75	607	0.519	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	6066	0.481	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	5737	0.515	ug/L	99
69) Naphthalene	13.53	128	10943	0.427	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	5115	0.533	ug/L	98

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