

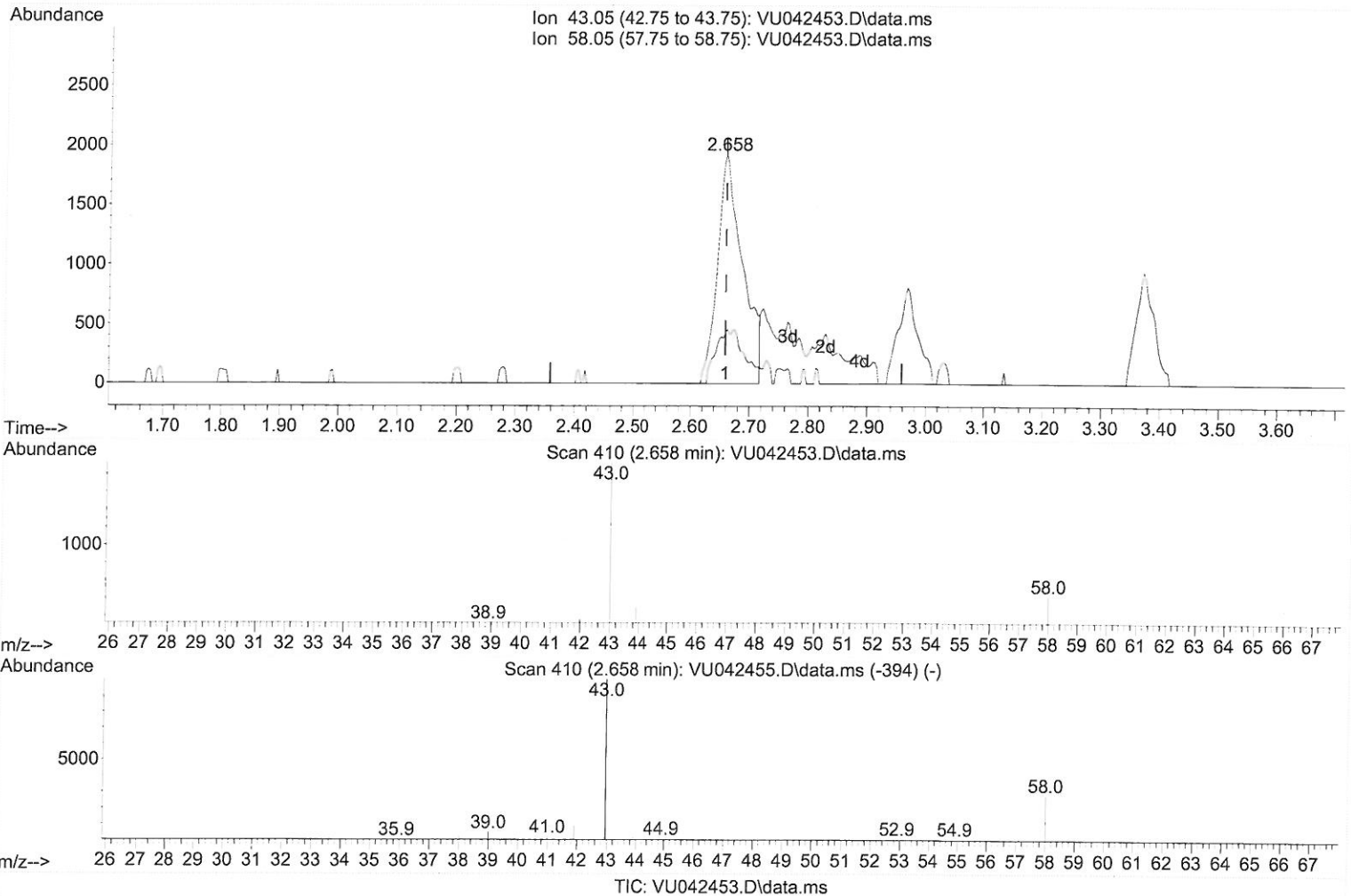
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030121\
Data File : VU042453.D
Acq On : 01 Mar 2021 09:12
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5313

Manual Integrations
APPROVED

MMDadoda
3/3/2021 3:48:07 PM

Quant Time: Mar 02 14:23:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Mar 02 14:22:53 2021
Response via : Initial Calibration



(13) Acetone (T)

2.658min (0.000) 3.31 ug/L

response 5722

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	19.10	14.10
0.00	0.00	0.00
0.00	0.00	0.00

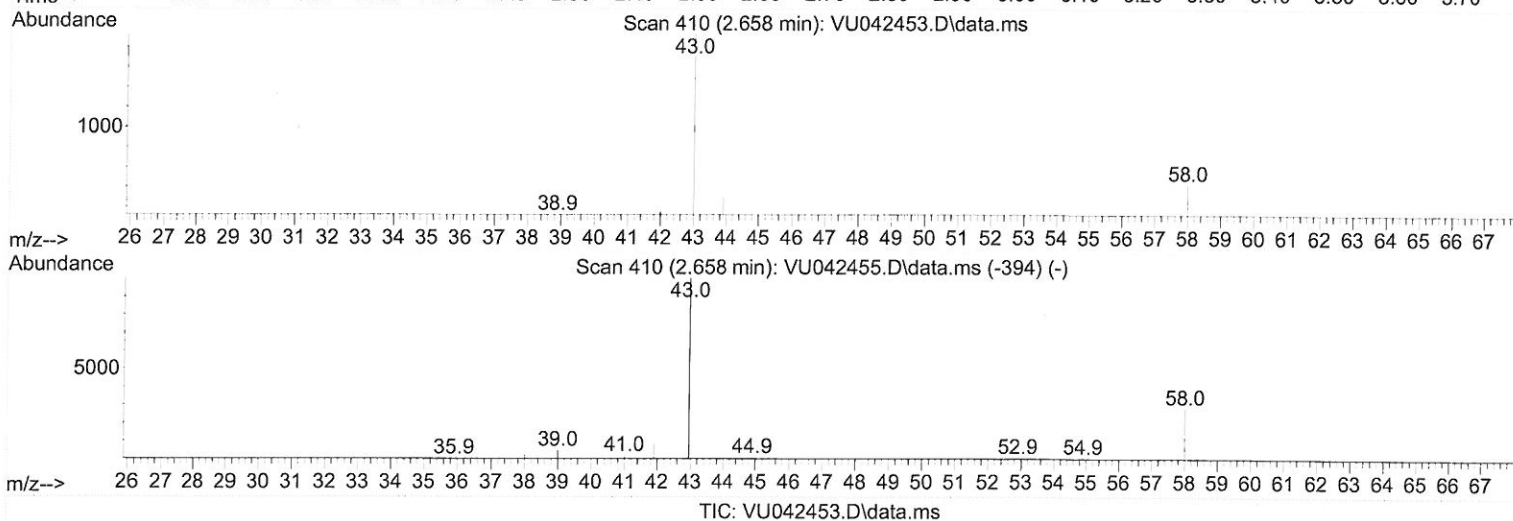
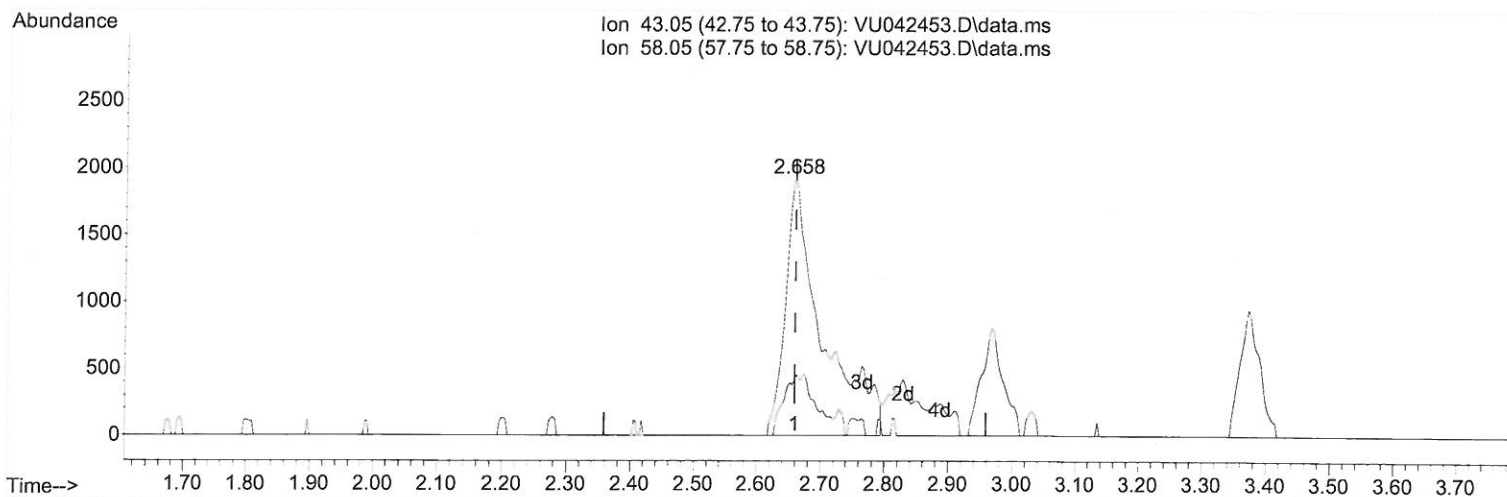
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(13) Acetone (T)

2.658min (0.000) 4.45 ug/L m

response 7705

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	19.10	10.47
0.00	0.00	0.00
0.00	0.00	0.00

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03/03/21

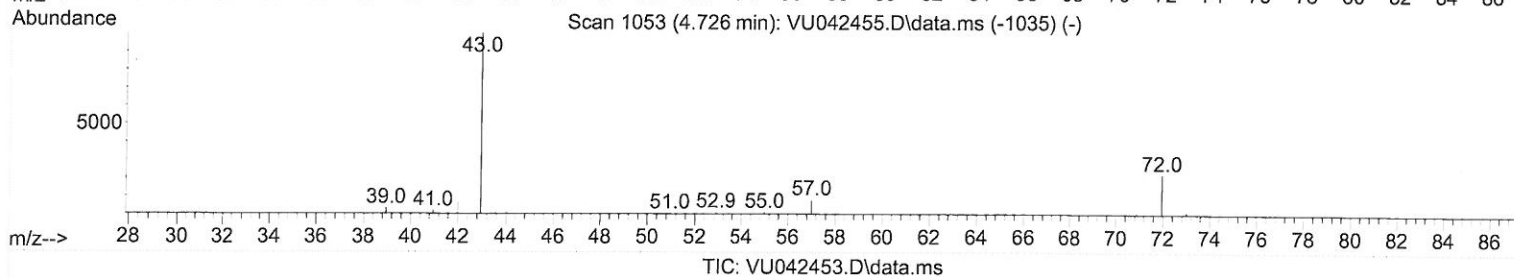
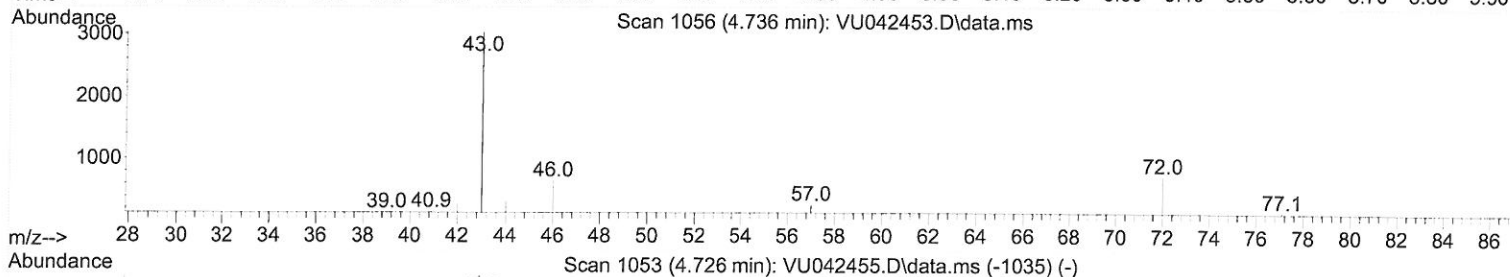
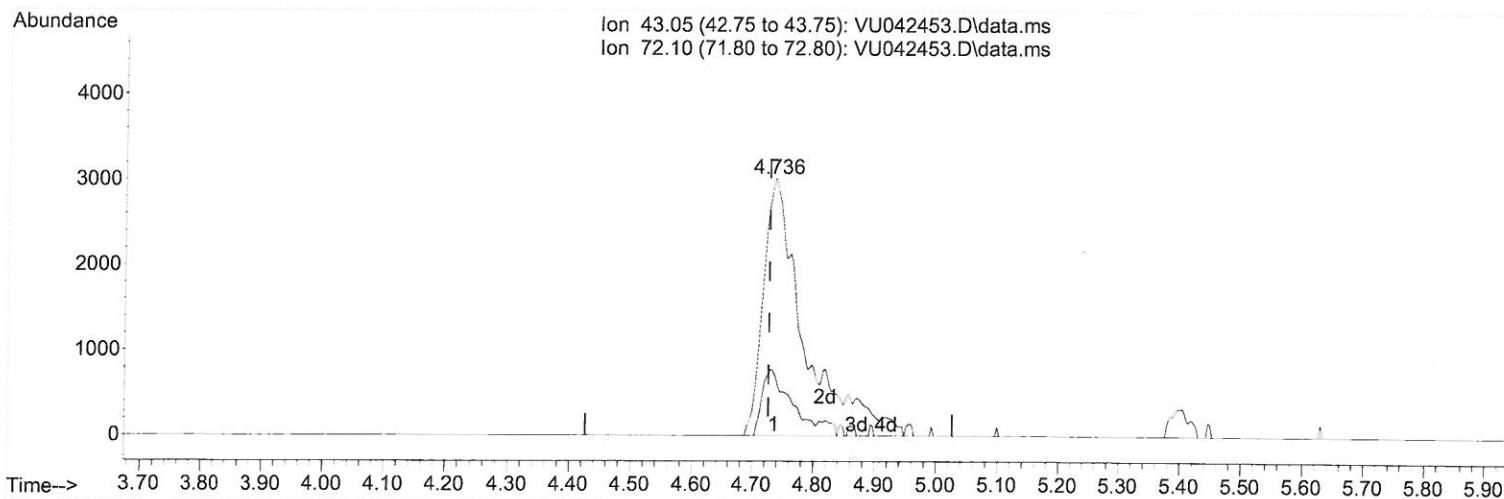
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(21) 2-Butanone (T)

4.736min (+ 0.010) 4.48 ug/L m

response 14042

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.60	17.49
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
03/03/21

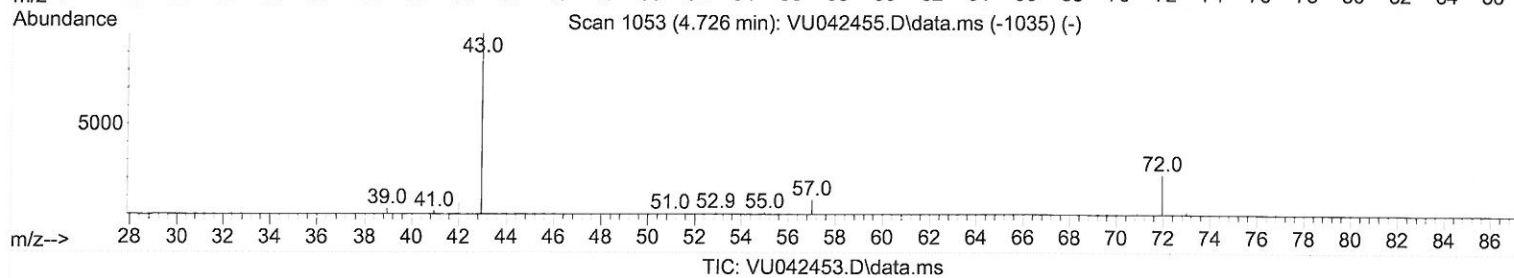
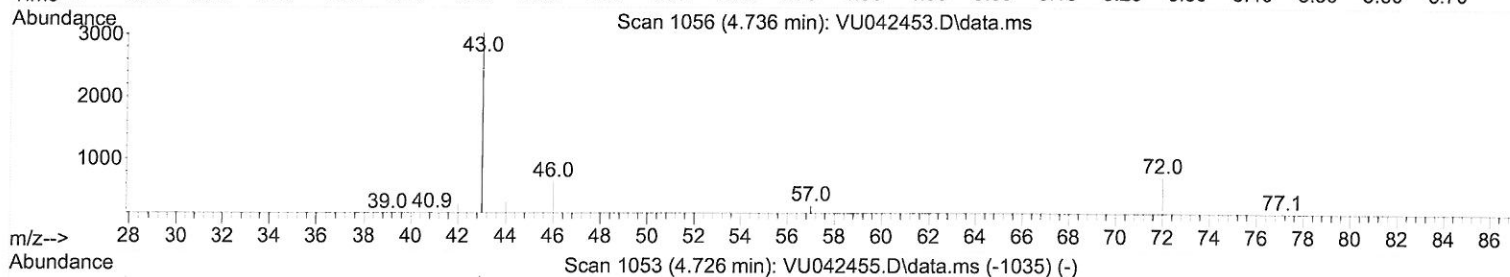
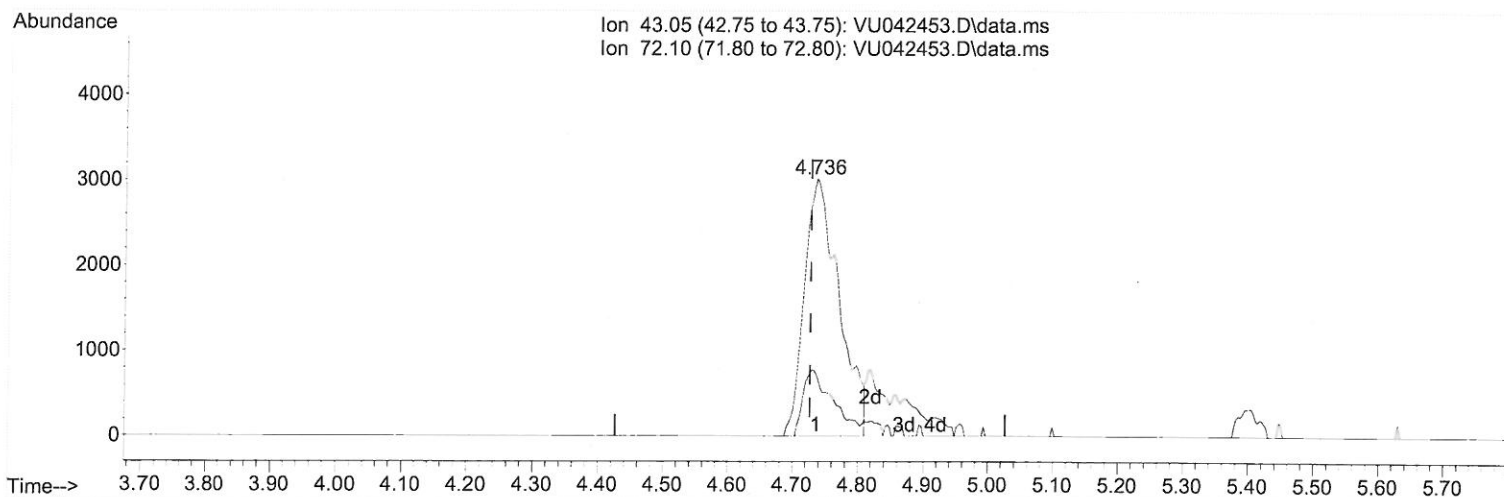
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(21) 2-Butanone (T)

4.736min (+ 0.010) 3.54 ug/L

response 11118

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.60	22.09
0.00	0.00	0.00
0.00	0.00	0.00

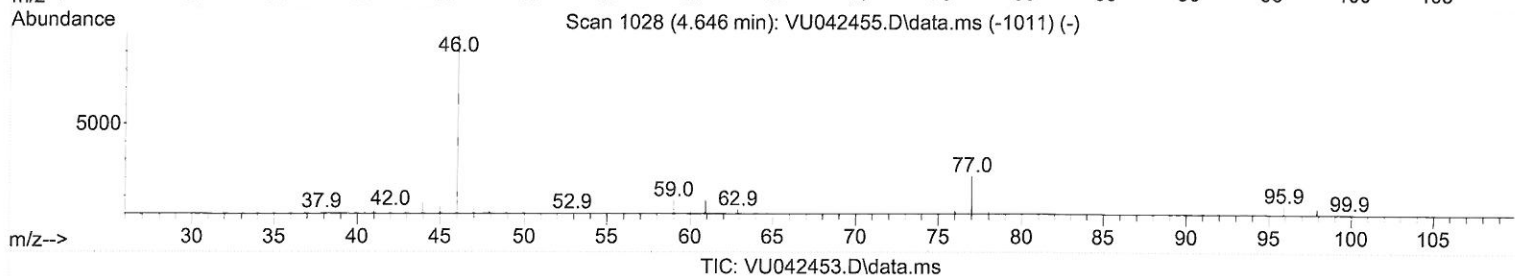
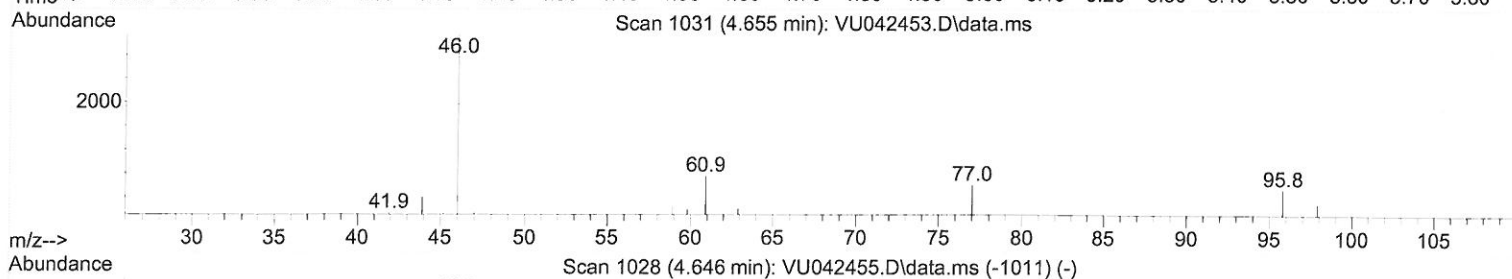
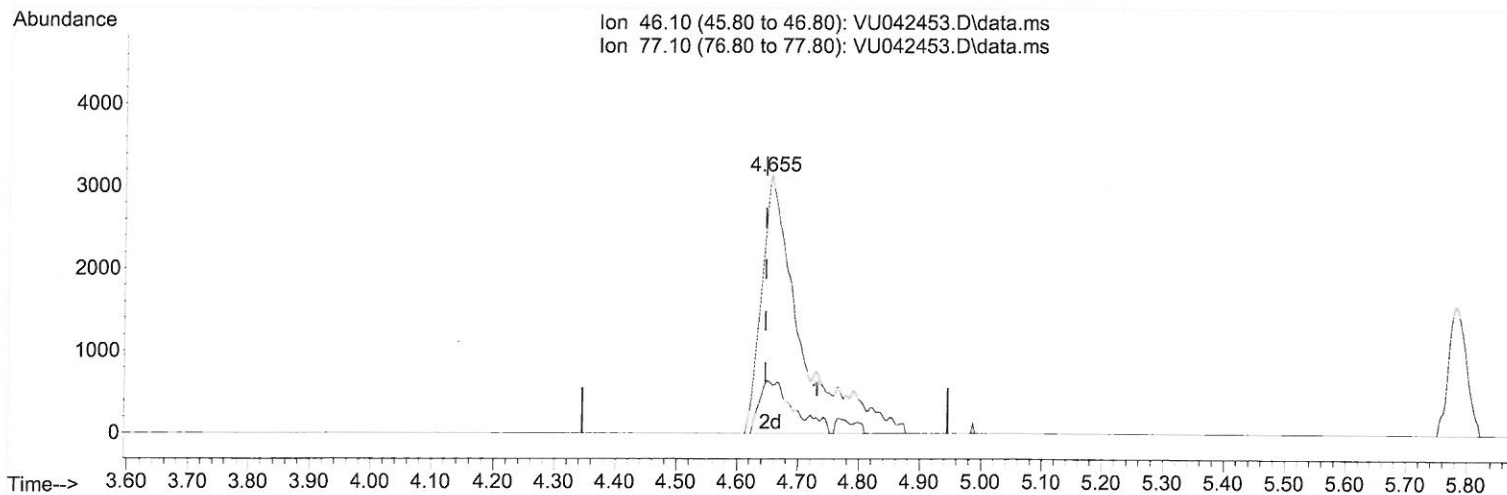
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TIC: VU042453.D\data.ms

(20) 2-Butanone-d5 (S)

4.655min (+ 0.010) 5.33 ug/L m

response 14030

7 MD
03/03/21

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	21.70	0.52#
0.00	0.00	0.00
0.00	0.00	0.00

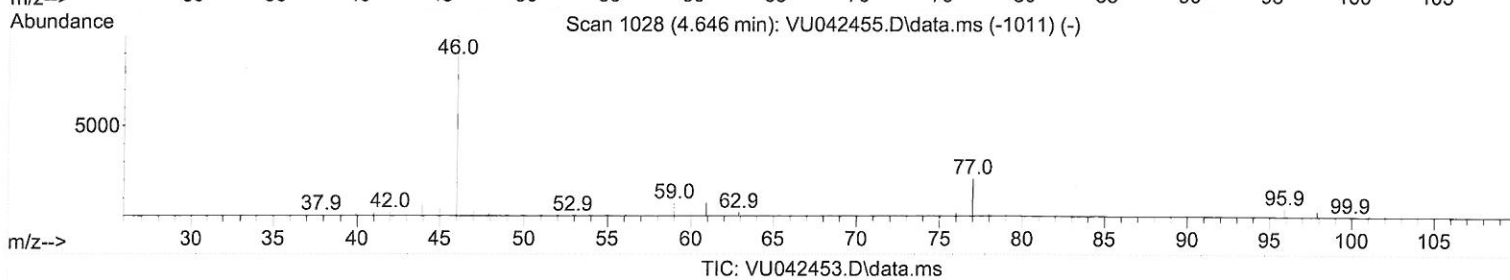
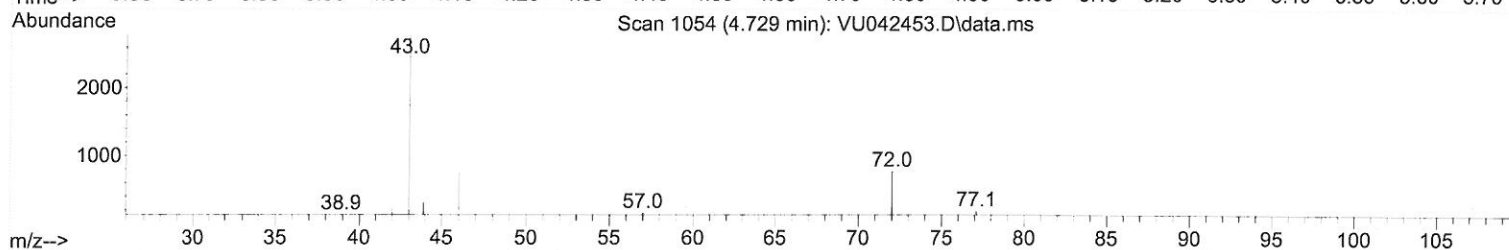
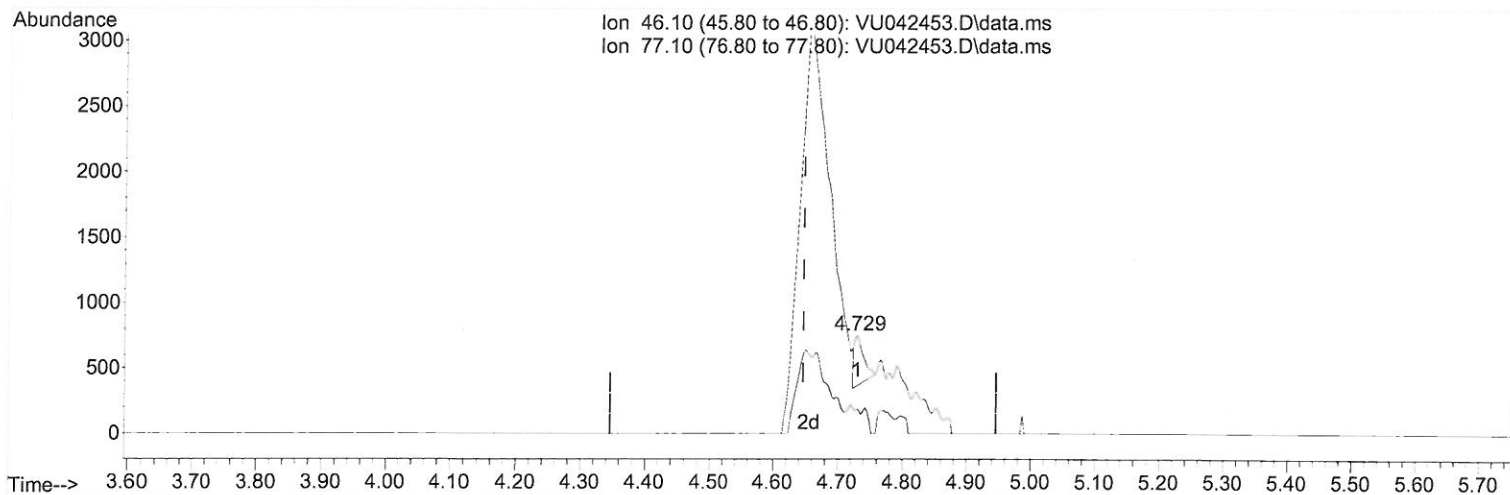
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Manual Integrations
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Response via : Initial Calibration



(20) 2-Butanone-d5 (S)

4.729min (+ 0.084) 0.14 ug/L

response 381

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	21.70	19.16
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	109589	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	102966	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	54231	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	2215	0.48	ug/L	0.00
7) Chloroethane-d5	1.919	69	2530	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	1522	0.51	ug/L	0.00
20) 2-Butanone-d5	4.655	46	14030m	5.33	ug/L	0.00
24) Chloroform-d	5.076	84	7143	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5092	0.56	ug/L	0.00
32) Benzene-d6	5.739	84	12648	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	4706	0.55	ug/L	0.00
41) Toluene-d8	7.909	98	12766	0.53	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1781	0.51	ug/L	0.00
46) 2-Hexanone-d5	8.652	63	8862	4.64	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	3956	0.51	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.205	152	4963	0.53	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	4168	0.40	ug/L	99
3) Chloromethane	1.523	50	4219	0.44	ug/L	97
5) Vinyl chloride	1.607	62	4153	0.44	ug/L	97
6) Bromomethane	1.864	94	2379	0.42	ug/L	91
8) Chloroethane	1.938	64	2340	0.41	ug/L	95
9) Trichlorofluoromethane	2.144	101	6000	0.39	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3082	0.39	ug/L	99
12) 1,1-Dichloroethene	2.588	96	3281	0.44	ug/L	89
13) Acetone	2.658	43	7705m	4.45	ug/L	
14) Carbon disulfide	2.803	76	10781	0.43	ug/L	99
15) Methyl Acetate	2.967	43	1894	0.43	ug/L #	80
16) Methylene chloride	3.057	84	4002	0.47	ug/L	90
17) Methyl tert-butyl Ether	3.372	73	8956	0.41	ug/L	95
18) trans-1,2-Dichloroethene	3.363	96	3378	0.42	ug/L	91
19) 1,1-Dichloroethane	3.880	63	6338	0.41	ug/L	97
21) 2-Butanone	4.736	43	14042m	4.48	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	3586	0.42	ug/L	87
23) Bromochloromethane	4.986	128	1730	0.42	ug/L	93
25) Chloroform	5.102	83	7021	0.43	ug/L	92
27) 1,2-Dichloroethane	5.803	62	5089	0.42	ug/L #	92
29) 1,1,1-Trichloroethane	5.330	97	6141	0.42	ug/L	99
30) Cyclohexane	5.398	56	5833	0.41	ug/L	95
31) Carbon tetrachloride	5.539	117	5032	0.41	ug/L	96
33) Benzene	5.784	78	13735	0.43	ug/L	100
34) Trichloroethene	6.552	95	3553	0.41	ug/L	94
35) Methylcyclohexane	6.771	83	4981	0.37	ug/L	93
37) 1,2-Dichloropropane	6.797	63	3881	0.44	ug/L #	89
38) Bromodichloromethane	7.115	83	4630	0.40	ug/L #	86
39) cis-1,3-Dichloropropene	7.616	75	5541	0.43	ug/L	100
40) 4-Methyl-2-pentanone	7.806	43	29811	3.94	ug/L	99
42) Toluene	7.977	91	14339	0.41	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	4340	0.37	ug/L	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.411	97	2743	0.43	ug/L	88
47) Tetrachloroethene	8.562	164	2826	0.40	ug/L	90
48) 2-Hexanone	8.703	43	21450	3.87	ug/L	98
49) Dibromochloromethane	8.819	129	3396	0.42	ug/L	97
50) 1,2-Dibromoethane	8.932	107	2486	0.38	ug/L #	93
51) Chlorobenzene	9.456	112	9200	0.42	ug/L	99
52) Ethylbenzene	9.578	91	15978	0.41	ug/L	98
53) m,p-Xylene	9.700	106	6068	0.41	ug/L	100
54) o-Xylene	10.108	106	5593	0.40	ug/L	81
55) Styrene	10.121	104	9047	0.38	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.793	83	3515	0.41	ug/L	96
59) Bromoform	10.298	173	1827	0.38	ug/L #	86
60) Isopropylbenzene	10.494	105	15028	0.41	ug/L	100
61) 1,2,3-Trichloropropane	10.835	75	2645	0.43	ug/L	99
62) 1,3,5-Trimethylbenzene	11.099	105	12396	0.40	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	11736	0.38	ug/L	98
64) 1,3-Dichlorobenzene	11.755	146	7512	0.42	ug/L	91
65) 1,4-Dichlorobenzene	11.845	146	7523	0.43	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	6803	0.40	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.009	75	661	0.44	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.227	180	5768	0.40	ug/L	95
70) 1,2,4-trichlorobenzene	13.851	180	4064	0.35	ug/L	96
71) Naphthalene	14.099	128	5341	0.29	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	3913	0.38	ug/L	88

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