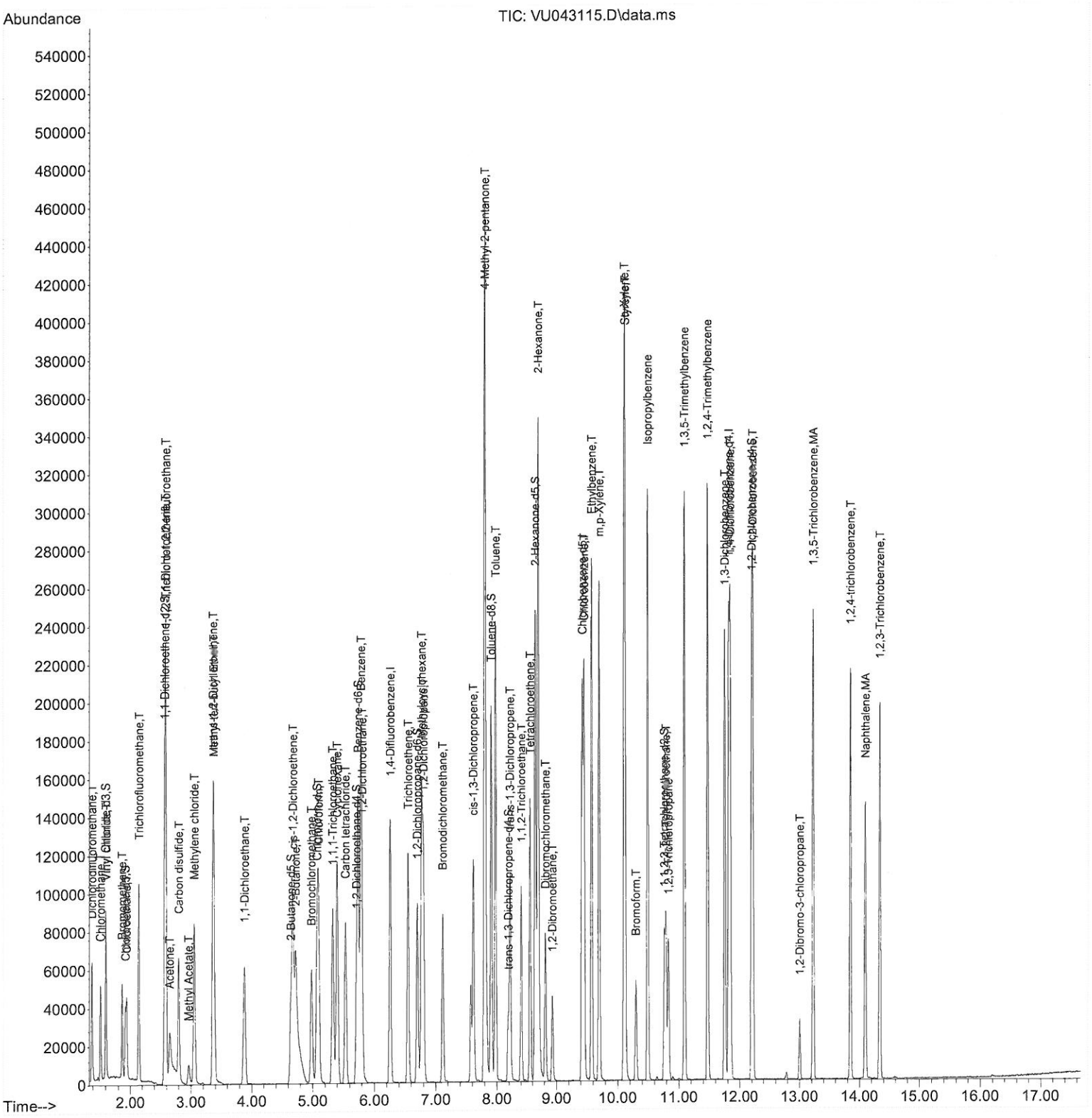
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043115.D
Acq On : 15 Apr 2021 11:46
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 04:36:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 04:32:52 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VICV136

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:18:50 AM



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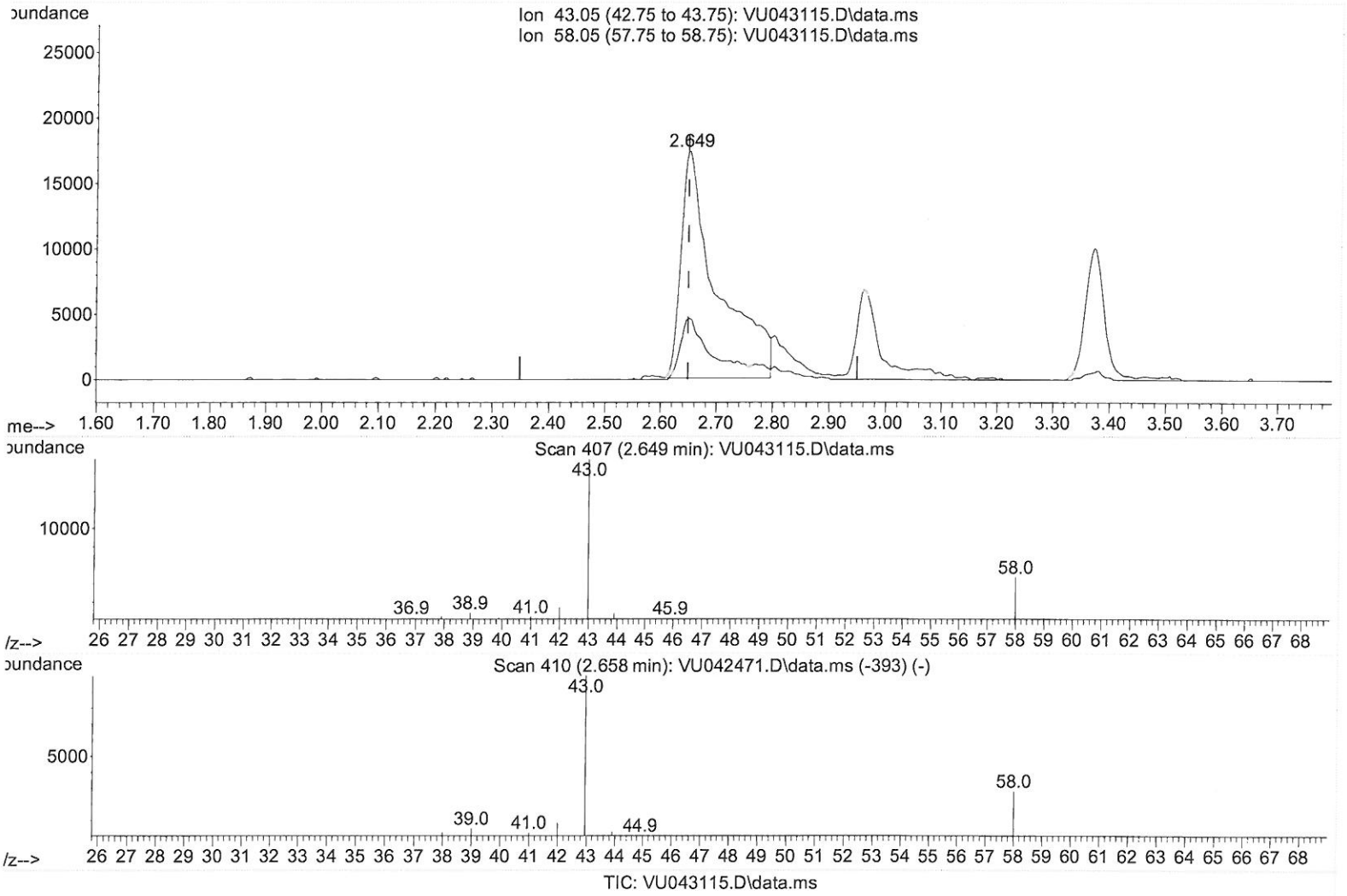

(13) Acetone (T)

2.649min (-0.000) 44.83 ug/L

response 77826

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	12.50	20.91
0.00	0.00	0.00
0.00	0.00	0.00

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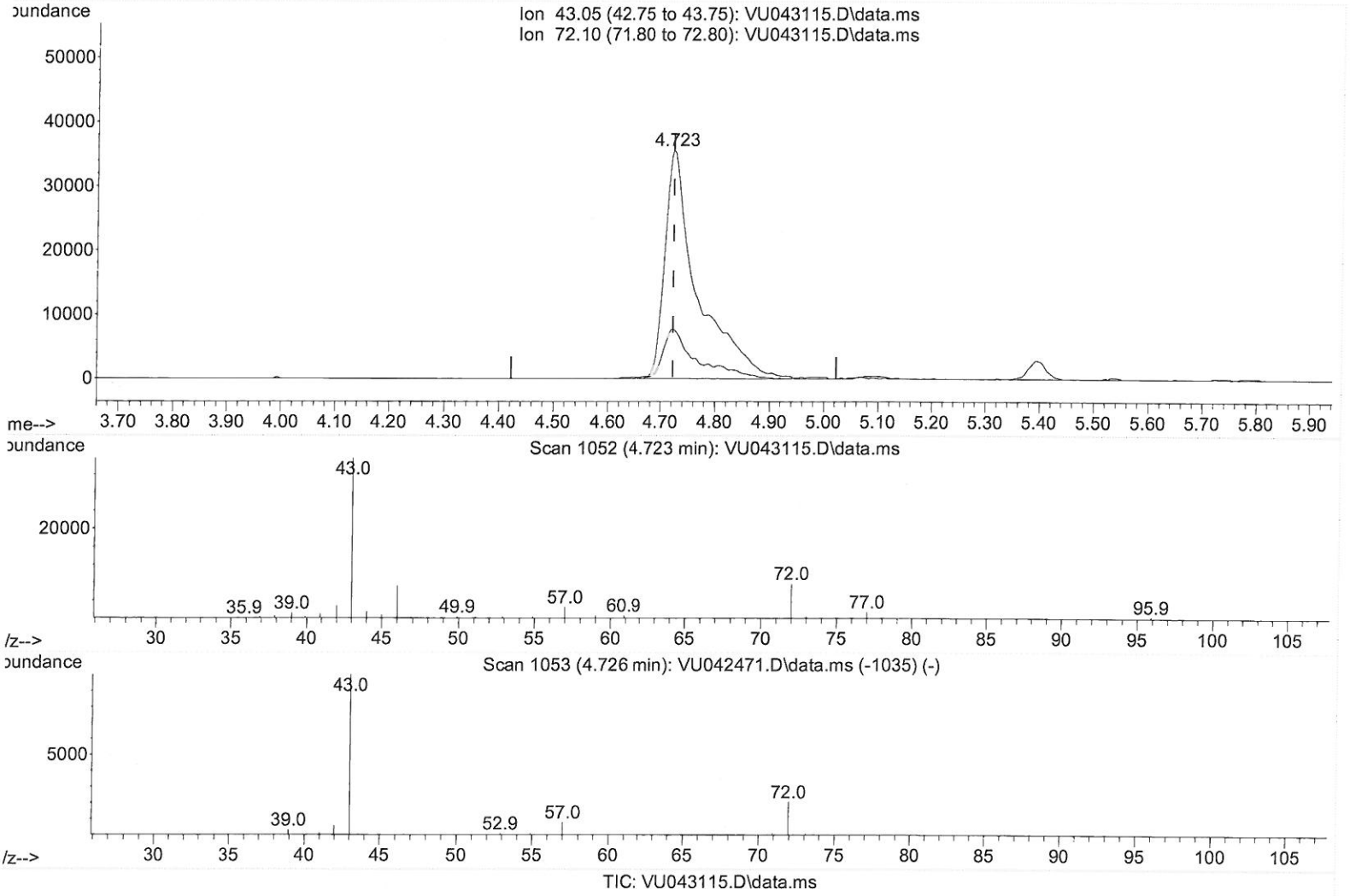

(21) 2-Butanone (T)

4.723min (-0.000) 51.79 ug/L m

response 148368

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	31.50	16.68
0.00	0.00	0.00
0.00	0.00	0.00

SMD 4/20/21

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Instrument :
MSVOA_U
ClientSampleId :
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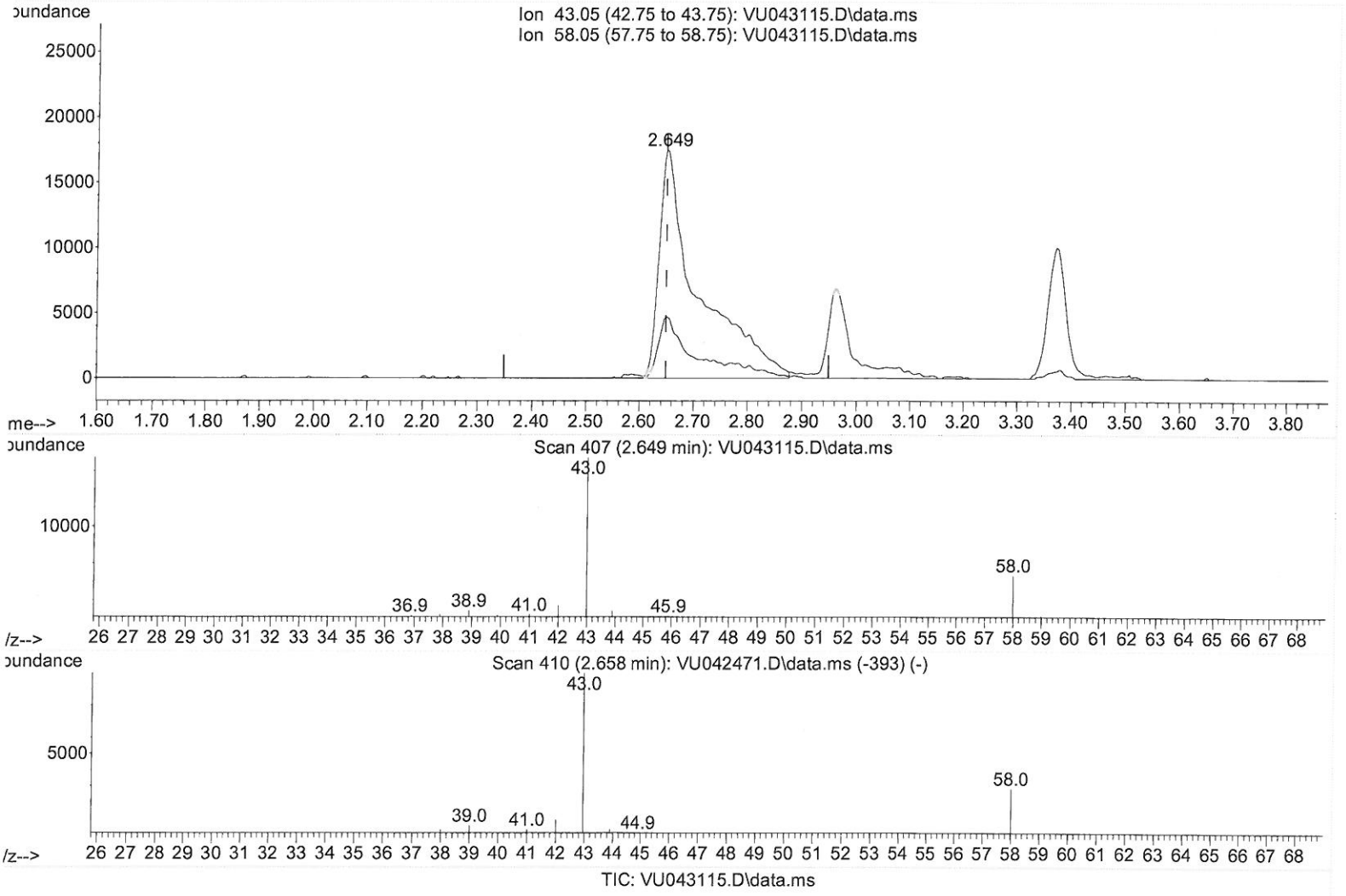

(13) Acetone (T)

2.649min (-0.000) 50.41 ug/L m

response 87506

7 MD 4/20/21

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	12.50	18.59
0.00	0.00	0.00
0.00	0.00	0.00

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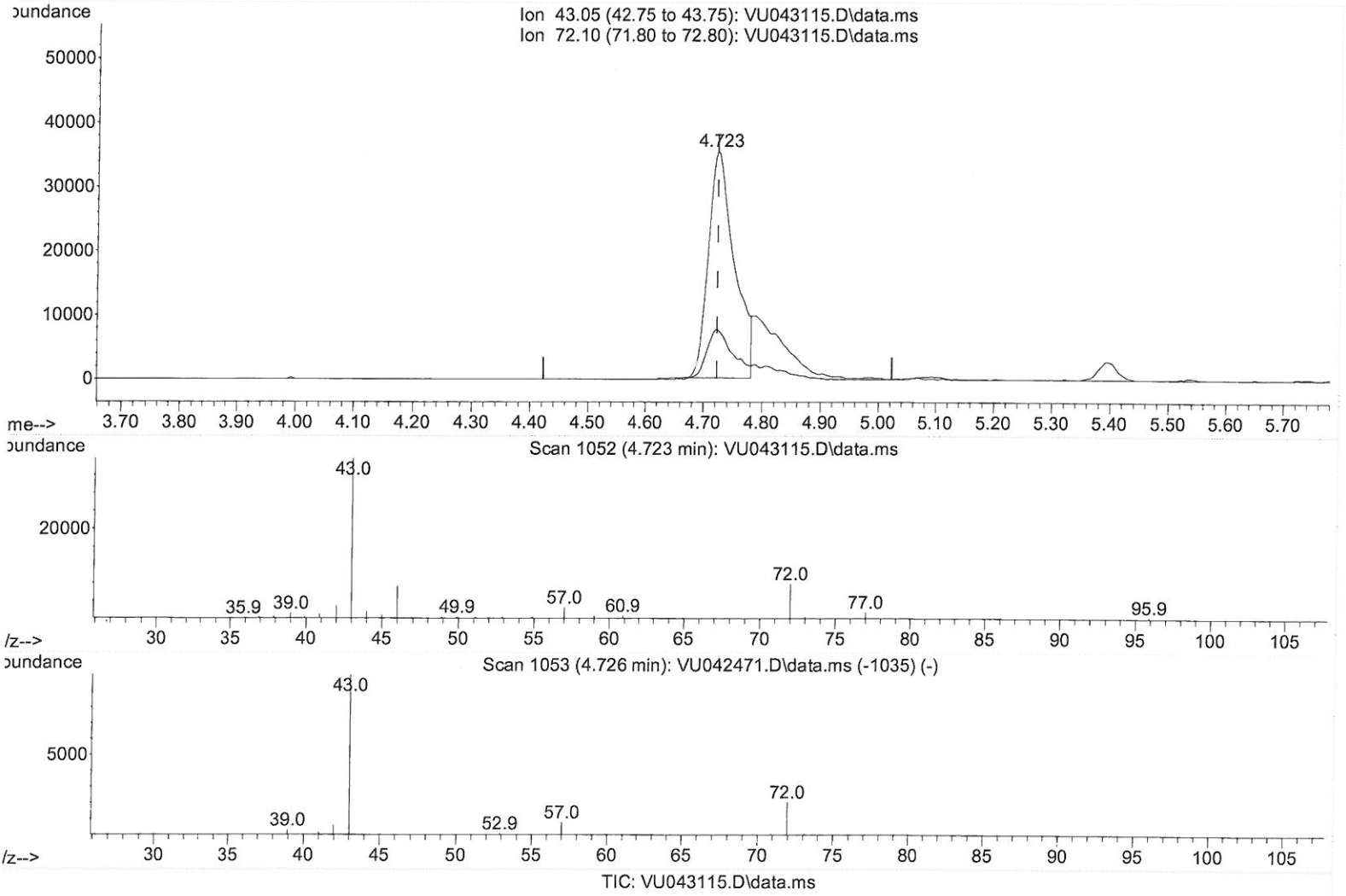

(21) 2-Butanone (T)

4.723min (-0.000) 38.21 ug/L

response 109456

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	31.50	22.61
0.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	105925	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	102436	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	55875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26603	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.80%			
7) Chloroethane-d5	1.919	69	24254	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.572	65	15222	4.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.60%			
20) 2-Butanone-d5	4.645	46	121310	51.35	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.70%			
24) Chloroform-d	5.073	84	69005	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.710	65	41237	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.735	84	120955	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.700	67	40325	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.906	98	119898	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
43) trans-1,3-Dichloroprop...	8.189	79	16563	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.645	63	88306	50.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.38%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34916	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	46648	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	37608	5.54	ug/L	99
3) Chloromethane	1.520	50	33280	4.98	ug/L	99
5) Vinyl chloride	1.607	62	35280	5.07	ug/L	94
6) Bromomethane	1.861	94	21478	5.17	ug/L	95
8) Chloroethane	1.938	64	25251	5.04	ug/L	94
9) Trichlorofluoromethane	2.144	101	64559	4.98	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34445	4.92	ug/L	91
12) 1,1-Dichloroethene	2.584	96	30545	5.19	ug/L	76
13) Acetone	2.649	43	87506m	50.41	ug/L	
14) Carbon disulfide	2.800	76	77255	5.15	ug/L	98
15) Methyl Acetate	2.961	43	14647	4.49	ug/L	90
16) Methylene chloride	3.054	84	35970	4.72	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	95625	4.97	ug/L #	92
18) trans-1,2-Dichloroethene	3.362	96	31909	5.08	ug/L	88
19) 1,1-Dichloroethane	3.880	63	69778	5.10	ug/L	96
21) 2-Butanone	4.723	43	148368m	51.79	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	37957	5.11	ug/L	89
23) Bromochloromethane	4.983	128	16998	5.01	ug/L #	75
25) Chloroform	5.099	83	73867	5.07	ug/L	98

MD 4/20/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	55963	5.23 ug/L #	92
29) 1,1,1-Trichloroethane	5.327	97	64608	5.11 ug/L	92
30) Cyclohexane	5.398	56	56588	5.22 ug/L	87
31) Carbon tetrachloride	5.533	117	55360	5.25 ug/L	99
33) Benzene	5.784	78	144168	5.26 ug/L	100
34) Trichloroethene	6.552	95	38440	5.10 ug/L	95
35) Methylcyclohexane	6.771	83	55205	5.29 ug/L	92
37) 1,2-Dichloropropane	6.800	63	39925	5.18 ug/L #	97
38) Bromodichloromethane	7.115	83	53854	5.20 ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	60285	5.35 ug/L	95
40) 4-Methyl-2-pentanone	7.803	43	360765	52.29 ug/L #	84
42) Toluene	7.976	91	159963	5.23 ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	54606	5.14 ug/L	100
45) 1,1,2-Trichloroethane	8.411	97	28744	4.99 ug/L	96
47) Tetrachloroethene	8.562	164	30595	5.12 ug/L	96
48) 2-Hexanone	8.697	43	273998	53.98 ug/L #	83
49) Dibromochloromethane	8.819	129	37762	5.19 ug/L	91
50) 1,2-Dibromoethane	8.931	107	29700	5.18 ug/L #	97
51) Chlorobenzene	9.456	112	102325	5.24 ug/L	94
52) Ethylbenzene	9.578	91	185715	5.30 ug/L	97
53) m,p-Xylene	9.700	106	68892	5.37 ug/L	89
54) o-Xylene	10.108	106	65664	5.17 ug/L	88
55) Styrene	10.121	104	113315	5.21 ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.790	83	39418	5.20 ug/L	99
59) Bromoform	10.298	173	23160	5.07 ug/L	97
60) Isopropylbenzene	10.491	105	186772	5.21 ug/L #	97
61) 1,2,3-Trichloropropane	10.832	75	28437	4.93 ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	157453	5.37 ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	162606	5.39 ug/L	95
64) 1,3-Dichlorobenzene	11.754	146	87710	5.15 ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	89899	5.21 ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	84029	5.08 ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	7404	5.27 ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	71766	5.14 ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	62545	5.41 ug/L	99
71) Naphthalene	14.095	128	110048	5.64 ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	58071	5.48 ug/L	99

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