

(QT Reviewed)

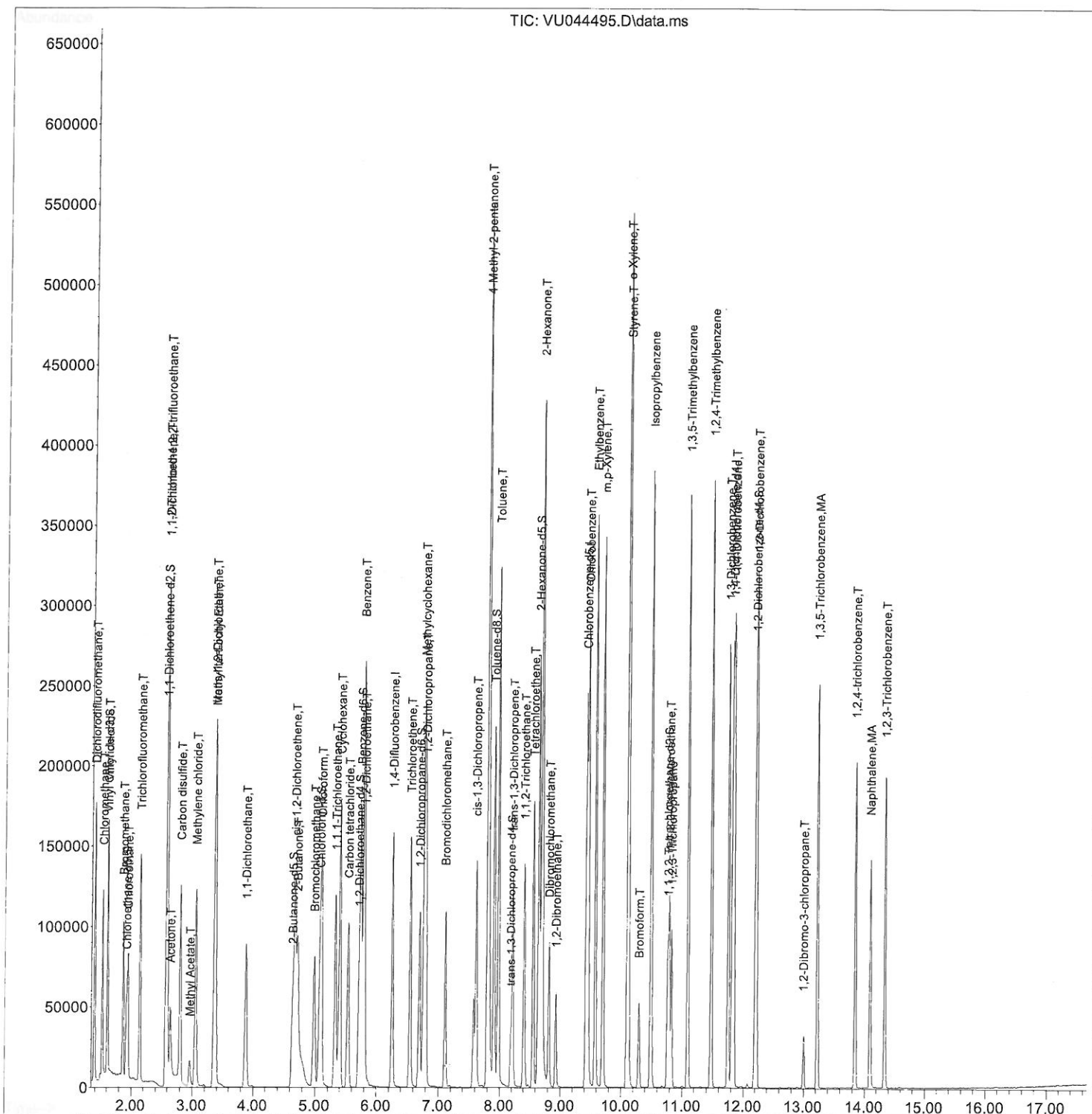
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
Data File : VU044495.D
Acq On    : 23 Aug 2021  12:15
Operator  : SY/MD
Sample    : M3515-02MS
Misc      : 25.0mL/MSVOA_U/WATER
ALS Vial  : 8   Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
H4555MS

Manual Integrations
APPROVED

SAM
8/24/2021 11:21:28 AM

Quant Time: Aug 24 03:58:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 03:56:17 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
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 ALS Vial : 8 Sample Multiplier: 1

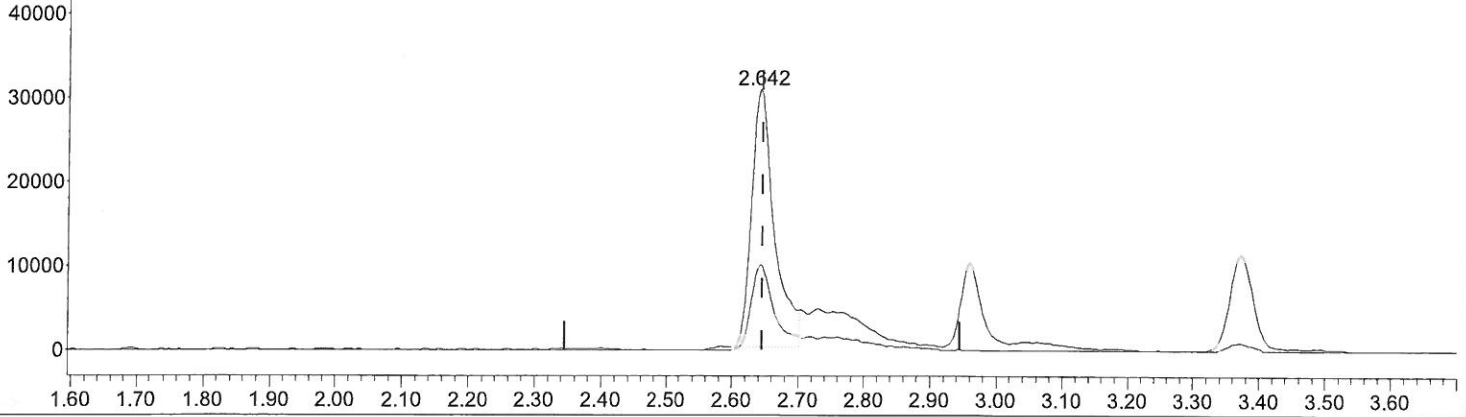
Instrument :
 MSVOA_U
 ClientSampleId :
 H4555MS

Manual Integrations
 APPROVED

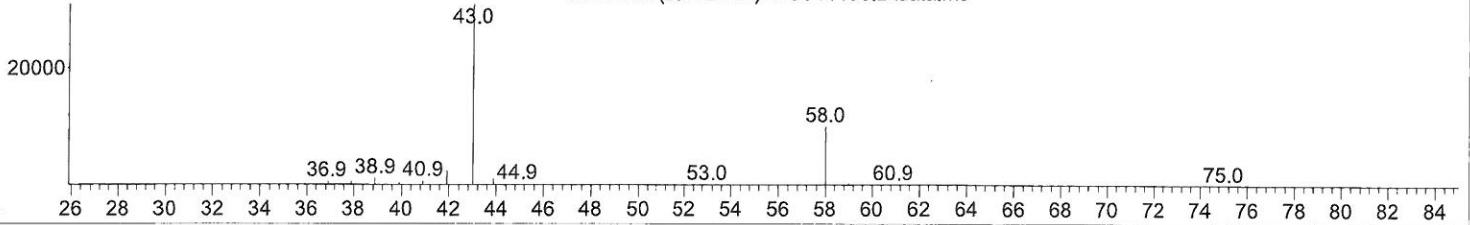
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 Quant Title : TRACE VOA SFAM1.0
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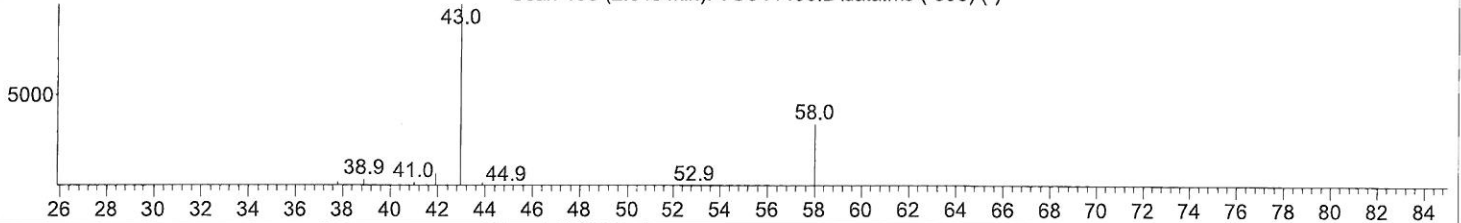
Ion 43.05 (42.75 to 43.75): VU044495.D\data.ms
 Ion 58.05 (57.75 to 58.75): VU044495.D\data.ms



Scan 405 (2.642 min): VU044495.D\data.ms



Scan 406 (2.645 min): VU044490.D\data.ms (-393) (-)



TIC: VU044495.D\data.ms

(13) Acetone (T)

2.642min (-0.003) 31.34 ug/L

response 72859

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	22.70	34.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

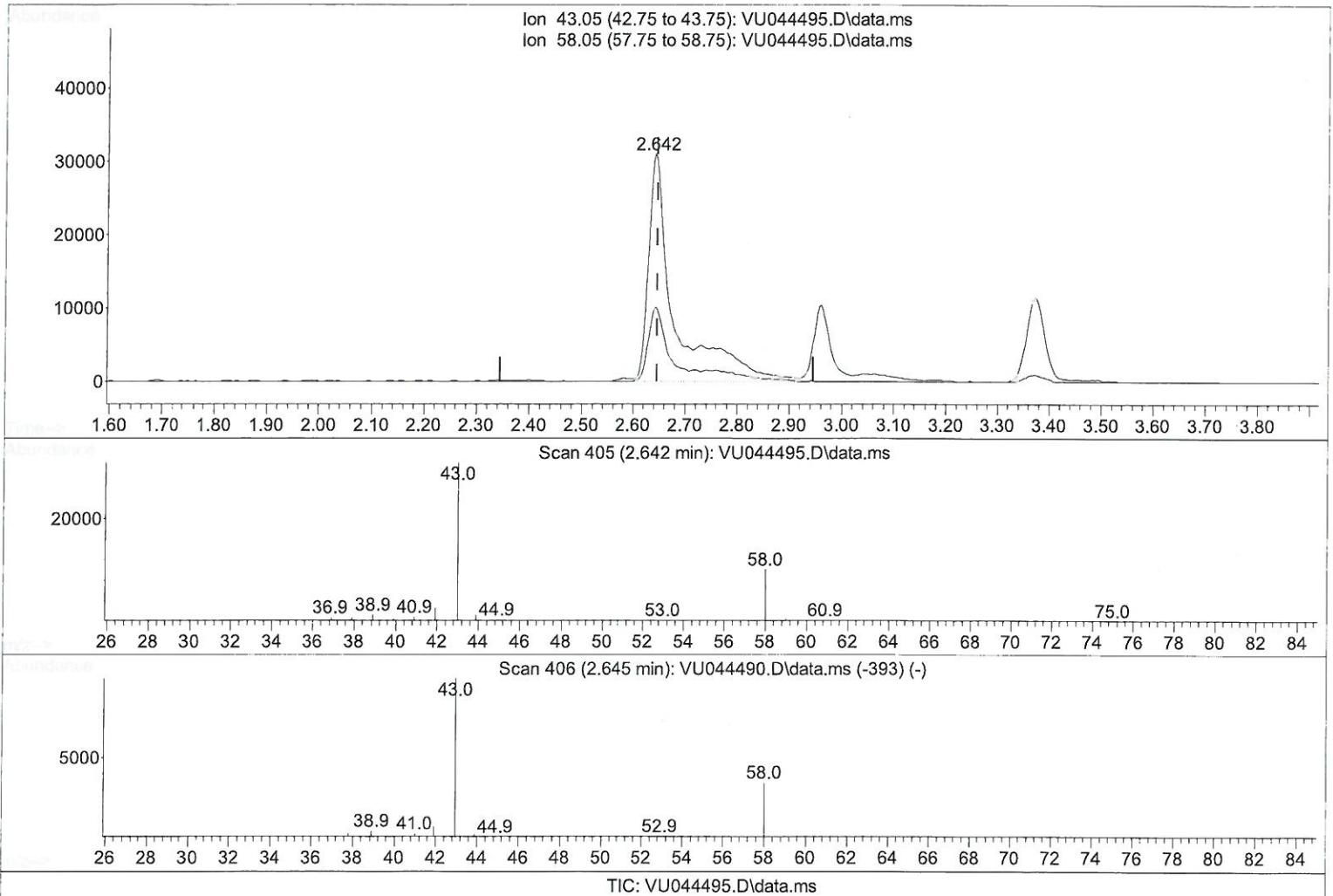
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(13) Acetone (T)

2.642min (-0.003) 46.83 ug/L m

response 108872

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	22.70	23.10
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
 9/7/21

Quantitation Report (Qedit)

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 Operator : SY/MD
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 ALS Vial : 8 Sample Multiplier: 1

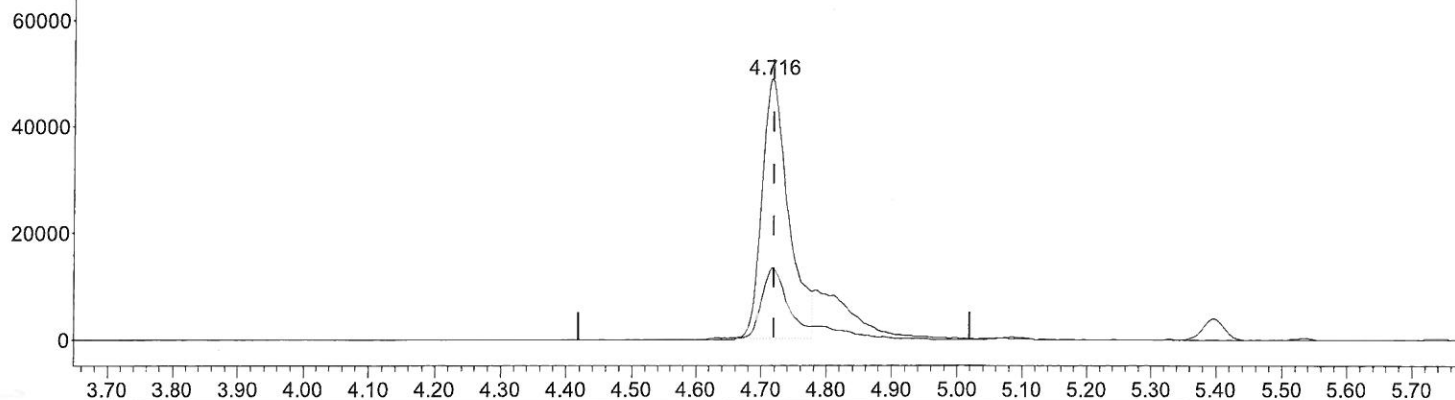
Instrument :
 MSVOA_U
 ClientSampleId :
 H4555MS

Manual Integrations
 APPROVED

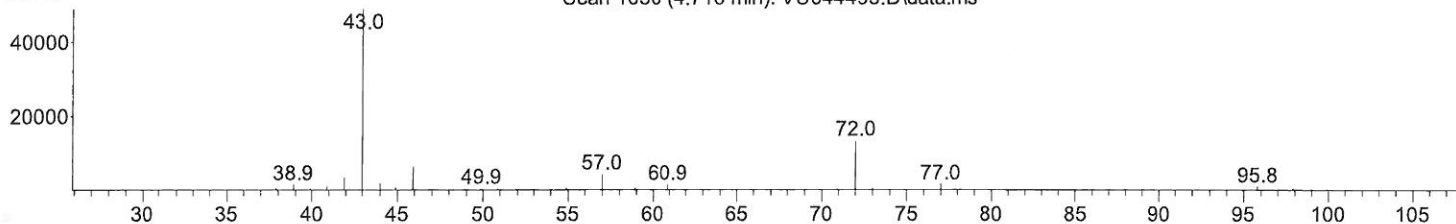
SAM
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Quant Time: Aug 24 03:58:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
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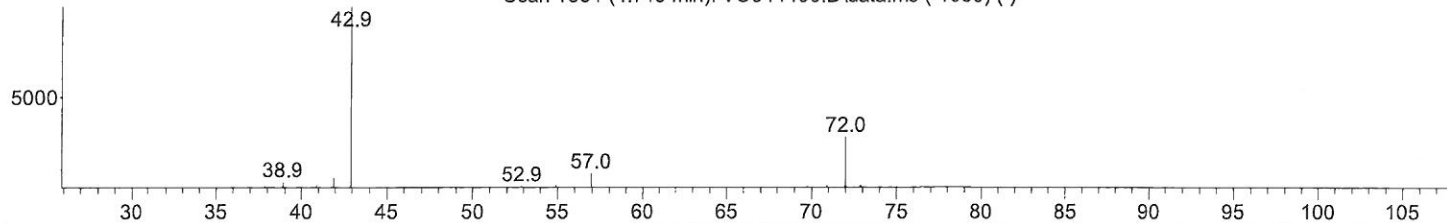
Ion 43.05 (42.75 to 43.75): VU044495.D\data.ms
 Ion 72.10 (71.80 to 72.80): VU044495.D\data.ms



Scan 1050 (4.716 min): VU044495.D\data.ms



Scan 1051 (4.719 min): VU044490.D\data.ms (-1030) (-)



TIC: VU044495.D\data.ms

(21) 2-Butanone (T)

4.716min (-0.003) 41.78 ug/L

response 138411

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.30	27.41
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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 Sample : M3515-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

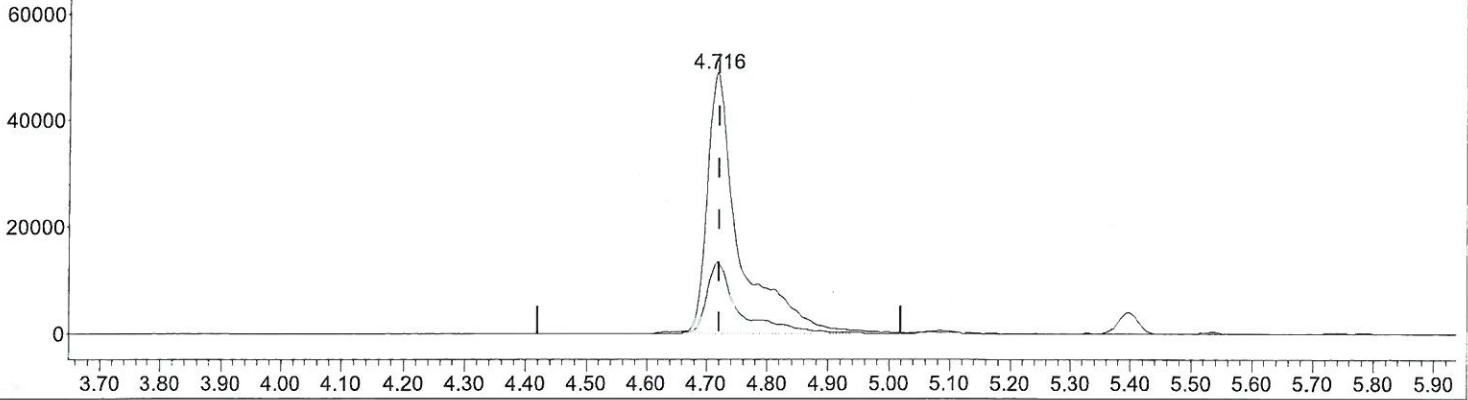
Instrument :
 MSVOA_U
 ClientSampleId :
 H4555MS

Manual Integrations
 APPROVED

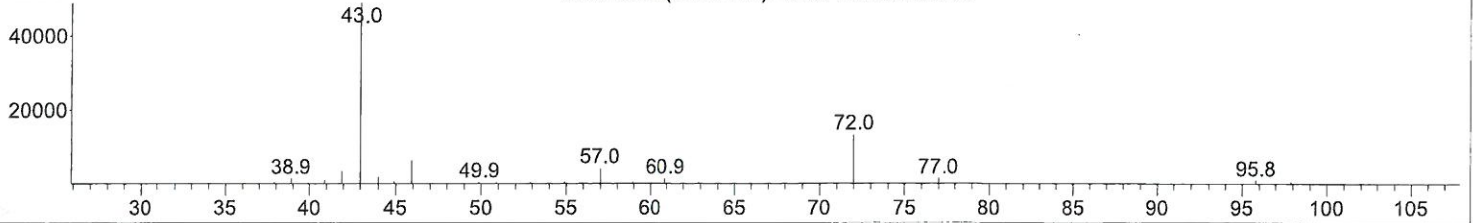
SAM
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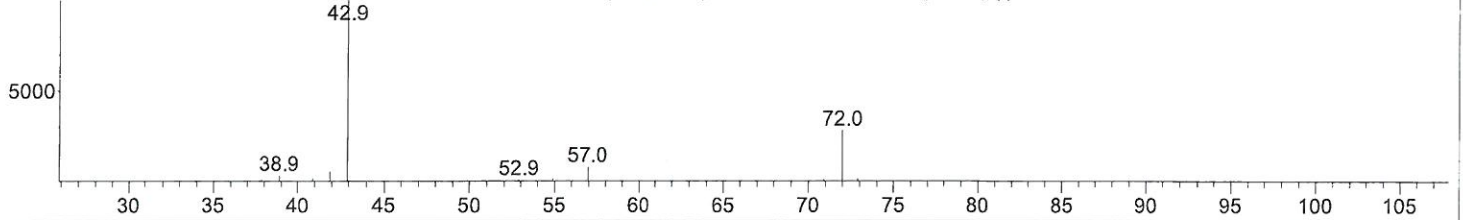
Ion 43.05 (42.75 to 43.75): VU044495.D\data.ms
 Ion 72.10 (71.80 to 72.80): VU044495.D\data.ms



Scan 1050 (4.716 min): VU044495.D\data.ms



Scan 1051 (4.719 min): VU044490.D\data.ms (-1030) (-)



TIC: VU044495.D\data.ms

(21) 2-Butanone (T)

4.716min (-0.003) 54.21 ug/L m

response 179617

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.30	21.12
0.00	0.00	0.00
0.00	0.00	0.00

Handwritten: 7 mg
 9/7/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082321\
 Data File : VU044495.D
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 Operator : SY/MD
 Sample : M3515-02MS
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Instrument :
 MSVOA_U
 ClientSampleId :
 H4555MS

Manual Integrations
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Quant Time: Aug 24 03:58:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	125176	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	126474	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	63008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38155	3.769	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	75.400%		
7) Chloroethane-d5	1.916	69	36805	4.183	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	83.600%		
11) 1,1-Dichloroethene-d2	2.572	65	18023	4.185	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	83.600%		
20) 2-Butanone-d5	4.636	46	136015	48.579	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.160%		
24) Chloroform-d	5.070	84	83129	4.644	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.800%		
26) 1,2-Dichloroethane-d4	5.710	65	44915	4.601	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.000%		
32) Benzene-d6	5.735	84	162399	4.560	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.200%		
36) 1,2-Dichloropropane-d6	6.697	67	51500	4.520	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.400%		
41) Toluene-d8	7.903	98	144425	4.573	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.400%		
43) trans-1,3-Dichloroprop...	8.185	79	18326	4.479	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.600%		
46) 2-Hexanone-d5	8.642	63	113755	51.411	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	102.820%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45465	4.738	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	12.198	152	49235	4.625	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	92.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	65207	5.065	ug/L	99
3) Chloromethane	1.523	50	81160	4.812	ug/L	98
5) Vinyl chloride	1.607	62	77439	4.967	ug/L	92
6) Bromomethane	1.861	94	44216	5.218	ug/L	99
8) Chloroethane	1.938	64	48948	5.136	ug/L	99
9) Trichlorofluoromethane	2.144	101	90030	5.050	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	51029	5.203	ug/L	99
12) 1,1-Dichloroethene	2.584	96	49157	5.110	ug/L	97
13) Acetone	2.642	43	108872m	46.828	ug/L	
14) Carbon disulfide	2.800	76	157213	5.038	ug/L	98
15) Methyl Acetate	2.961	43	21123	5.563	ug/L	96
16) Methylene chloride	3.054	84	57688	4.036	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	138519	5.568	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	53089	5.296	ug/L	98
19) 1,1-Dichloroethane	3.877	63	103721	5.338	ug/L	98
21) 2-Butanone	4.716	43	179617m	54.213	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	57281	5.345	ug/L	98
23) Bromochloromethane	4.983	128	24807	5.251	ug/L	97

MD
 9/1/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.096	83	106262	5.330	ug/L	100
27) 1,2-Dichloroethane	5.803	62	69806	5.249	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	83720	5.289	ug/L	100
30) Cyclohexane	5.398	56	89711	5.127	ug/L	99
31) Carbon tetrachloride	5.533	117	67544	5.193	ug/L	98
33) Benzene	5.784	78	225580	5.257	ug/L	100
34) Trichloroethene	6.549	95	54395	5.127	ug/L	97
35) Methylcyclohexane	6.771	83	90256	5.101	ug/L	98
37) 1,2-Dichloropropane	6.796	63	60052	5.345	ug/L	100
38) Bromodichloromethane	7.112	83	73565	5.332	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	82529	5.237	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	418788	54.894	ug/L	99
42) Toluene	7.976	91	235334	5.265	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	72100	5.398	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	42943	5.360	ug/L	96
47) Tetrachloroethene	8.558	164	37344	5.091	ug/L	98
48) 2-Hexanone	8.694	43	306290	56.265	ug/L	100
49) Dibromochloromethane	8.816	129	45361	5.350	ug/L	98
50) 1,2-Dibromoethane	8.931	107	40820	5.326	ug/L	97
51) Chlorobenzene	9.452	112	140472	5.121	ug/L	99
52) Ethylbenzene	9.575	91	249522	5.285	ug/L	99
53) m,p-Xylene	9.700	106	97011	5.465	ug/L	100
54) o-Xylene	10.105	106	93865	5.428	ug/L	98
55) Styrene	10.121	104	156527	5.521	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	57008	5.404	ug/L	99
59) Bromoform	10.298	173	23826	5.352	ug/L	100
60) Isopropylbenzene	10.491	105	242109	5.265	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	41347	5.251	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	198600	5.282	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	204656	5.308	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	106012	5.250	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	104739	5.134	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	101599	5.280	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	8568	5.320	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	71592	5.036	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	57692	5.178	ug/L	99
71) Naphthalene	14.092	128	112103	5.277	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	54194	5.312	ug/L	99

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