

(QT Reviewed)

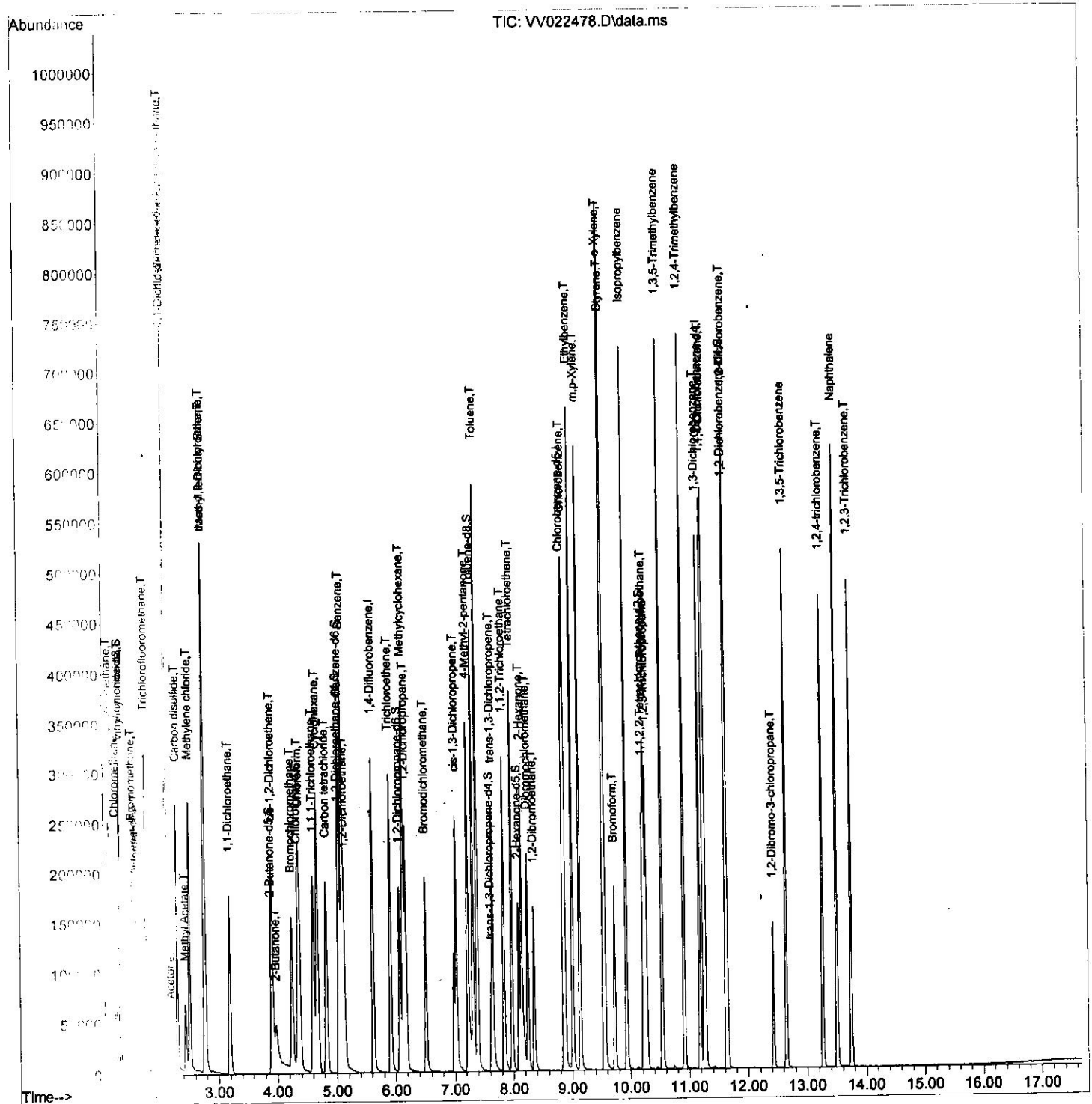
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
Data File : VV022478.D
Acq On : 01 Oct 2021 21:16
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV262

Quant Time: Oct 02 01:12:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 02 01:01:46 2021
Response via : Initial Calibration

Manual Integrations APPROVED

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10/6/2021 2:24:13 PM



Quantitation Report (Qedit)

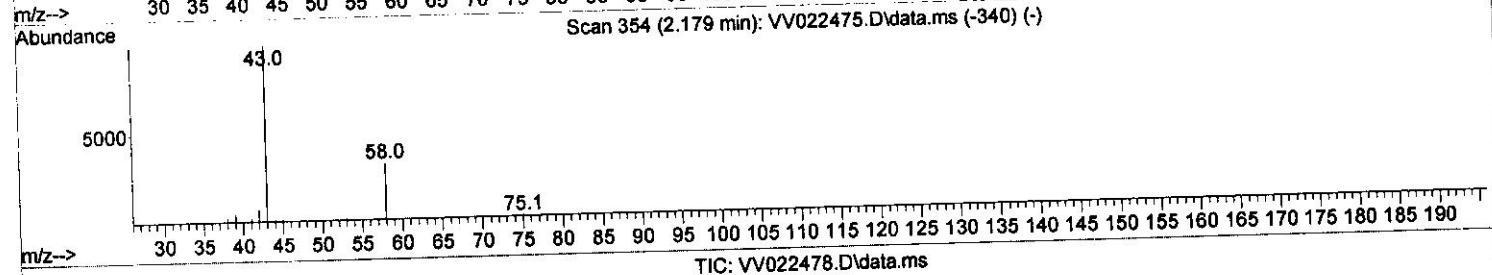
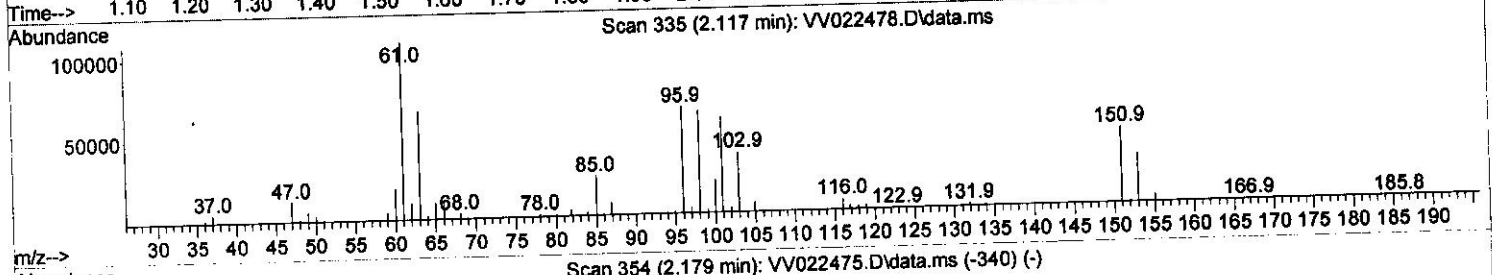
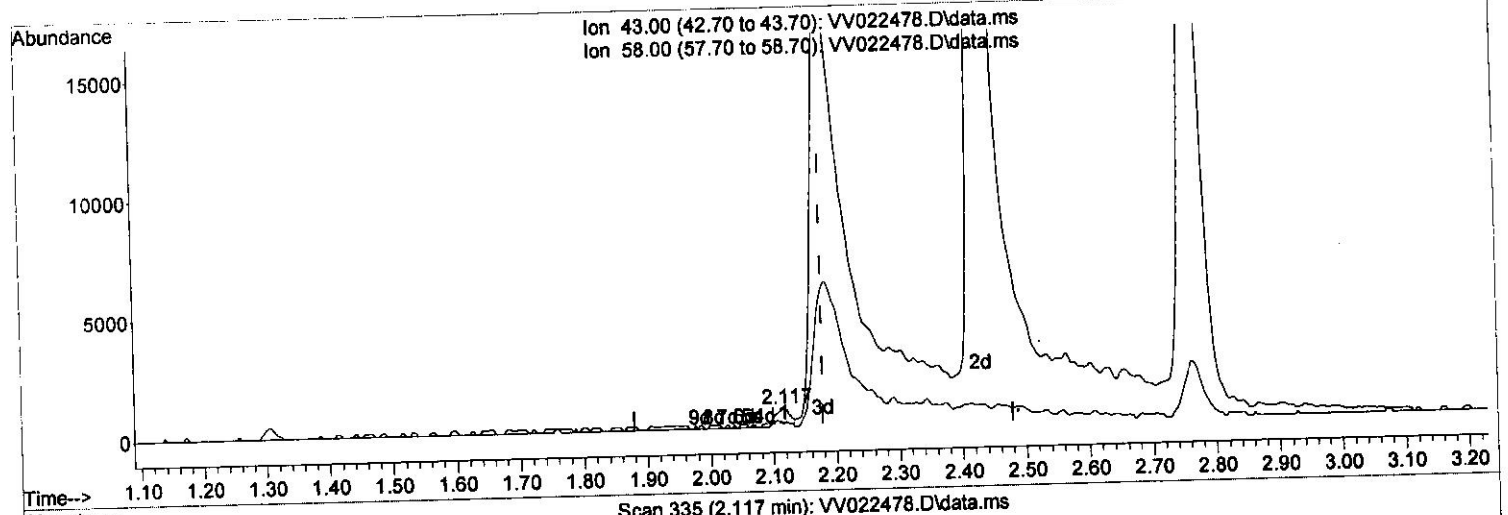
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TIC: VV022478.D\data.ms

(13) Acetone (T)

2.117min (-0.061) 0.81 ug/L

response 965

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	15.54
0.00	0.00	0.00
0.00	0.00	0.00

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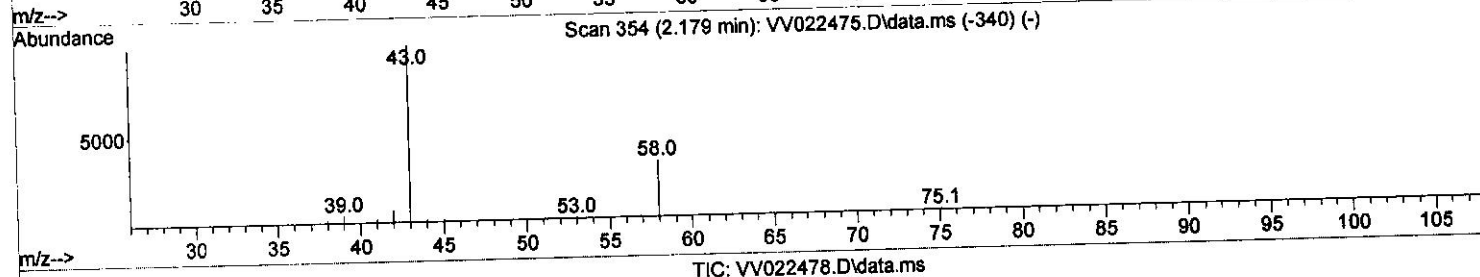
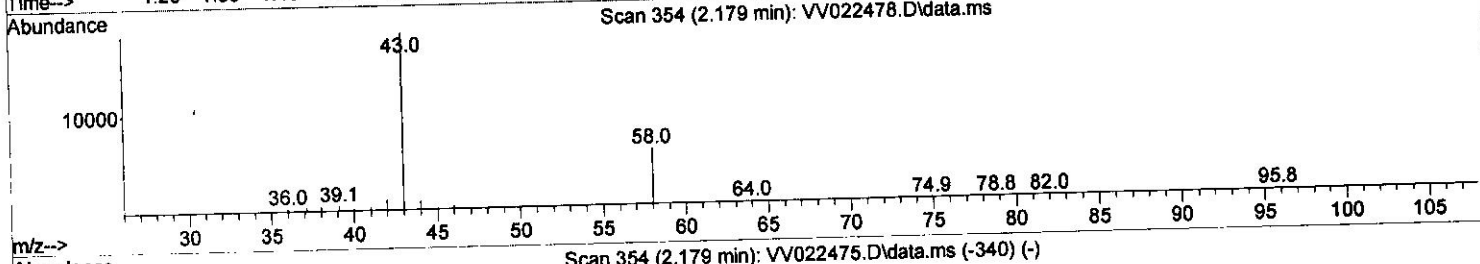
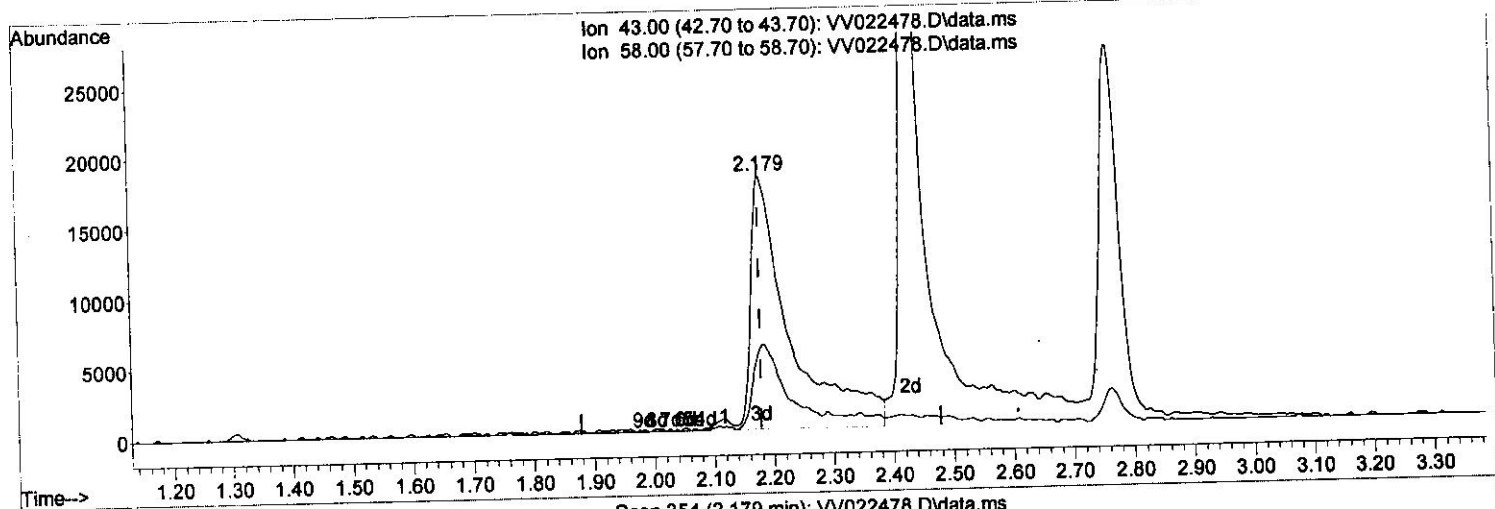
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(13) Acetone (T)

2.179min (-0.000) 68.83 ug/L *ms 10112121*

response 82342

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	10.60	0.18
0.00	0.00	0.00
0.00	0.00	0.00

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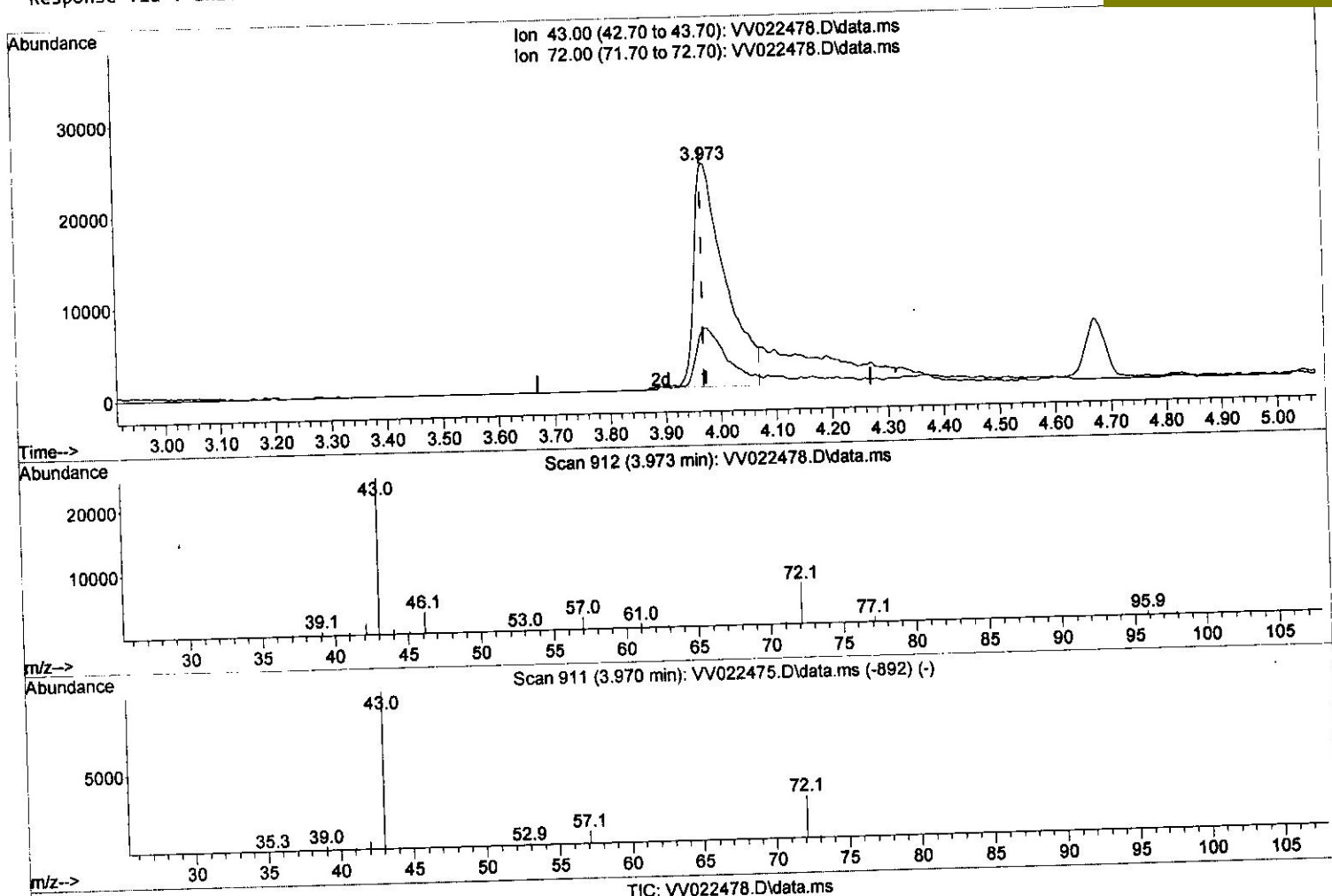
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(22) 2-Butanone (T)

3.973min (+ 0.003) 60.78 ug/L

response 95743

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	19.90	24.38
0.00	0.00	0.00
0.00	0.00	0.00

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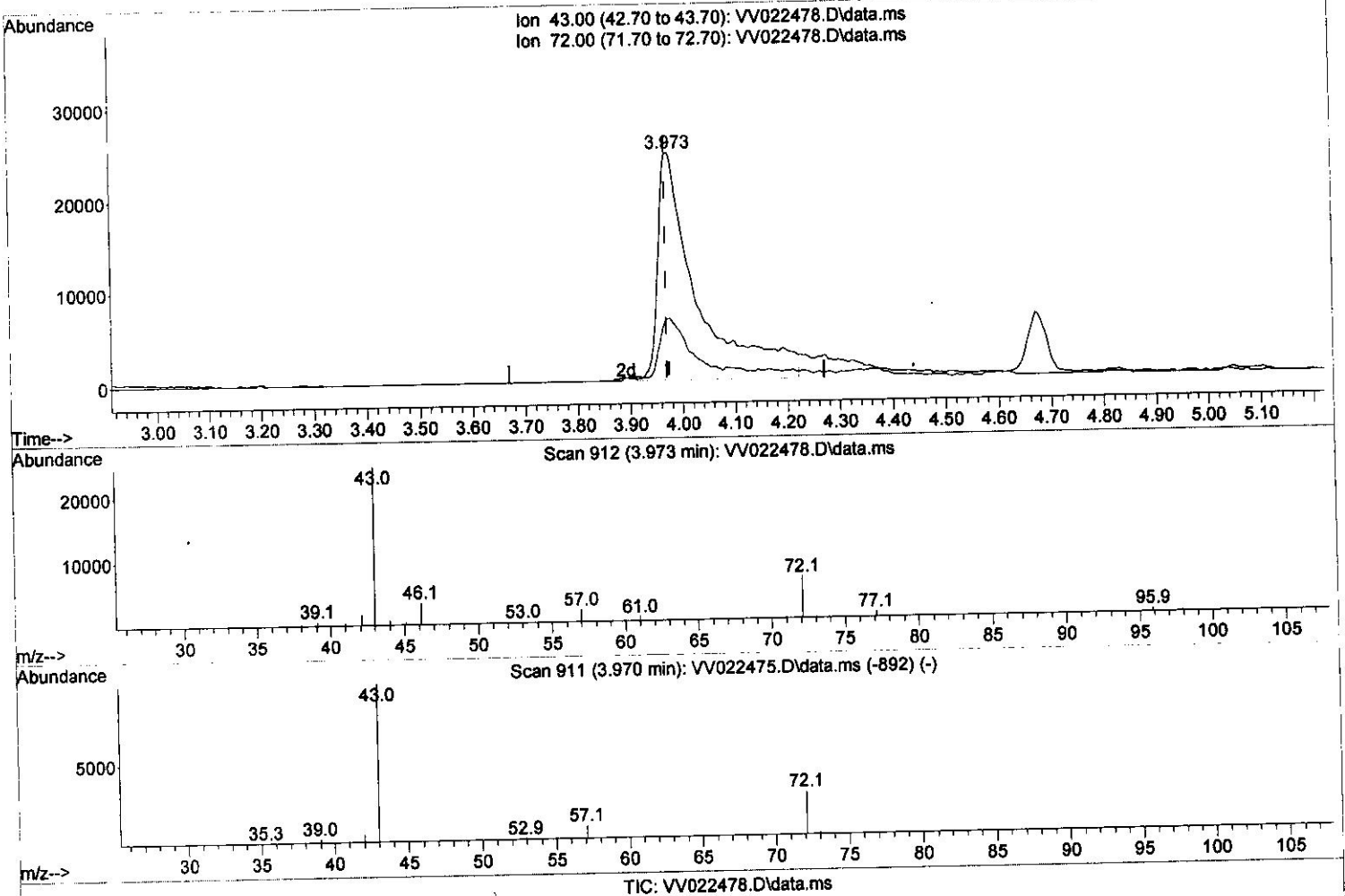
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(22) 2-Butanone (T)

3.973min (+ 0.003) 80.73 ug/L m } 101,1312\

response 127164

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	19.90	18.35
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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 Client Sampled :
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.612	114	278198	50.000 ug/L	0.00
28) Chlorobenzene-d5	8.850	117	257395	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	139942	50.000 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	87015	50.574 ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery = 101.140%		
7) Chloroethane-d5	1.568	69	68106	50.357 ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery = 100.720%		
11) 1,1-Dichloroethene-d2	2.108	63	174975	51.577 ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery = 103.160%		
21) 2-Butanone-d5	3.889	46	75557	79.780 ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery = 79.780%		
24) Chloroform-d	4.342	84	154639	49.193 ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery = 98.380%		
26) 1,2-Dichloroethane-d4	5.027	65	88372	48.462 ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery = 96.920%		
32) Benzene-d6	5.047	84	304978	51.145 ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery = 102.300%		
36) 1,2-Dichloropropane-d6	6.066	67	92263	50.260 ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery = 100.520%		
41) Toluene-d8	7.313	98	284559	52.024 ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery = 104.040%		
43) trans-1,3-Dichloroprop...	7.619	79	43556	50.149 ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery = 100.300%		
47) 2-Hexanone-d5	8.088	63	75308	99.031 ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery = 99.030%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	120510	47.210 ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery = 94.420%		
66) 1,2-Dichlorobenzene-d4	11.625	152	111665	48.931 ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery = 97.860%		

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	1.127	85	137961	49.586 ug/L	98
3) Chloromethane	1.240	50	132284	47.814 ug/L	100
5) Vinyl chloride	1.310	62	131556	50.165 ug/L	99
6) Bromomethane	1.523	94	87958	48.038 ug/L	100
8) Chloroethane	1.584	64	78338	48.979 ug/L	99
9) Trichlorofluoromethane	1.751	101	180892	50.221 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101861	49.958 ug/L	99
12) 1,1-Dichloroethene	2.114	96	97842	50.348 ug/L	99
13) Acetone	2.179	43	82342m	68.828 ug/L	
14) Carbon disulfide	2.291	76	294612	50.187 ug/L	99
15) Methyl Acetate	2.429	43	91826	42.075 ug/L	100
16) Methylene chloride	2.503	84	112380	46.027 ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	103697	48.610 ug/L	96
18) Methyl tert-butyl Ether	2.764	73	315235	47.864 ug/L	99
19) 1,1-Dichloroethane	3.185	63	180458	47.808 ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	109057	47.987 ug/L	99
22) 2-Butanone	3.973	43	127164m	80.726 ug/L	
23) Bromochloromethane	4.243	128	58274	46.673 ug/L	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.368	83	179909	47.366 ug/L	100
27) 1,2-Dichloroethane	5.127	62	127373	46.310 ug/L	97
29) Cyclohexane	4.674	56	158755	52.915 ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	165792	51.563 ug/L	99
31) Carbon tetrachloride	4.825	117	146391	51.825 ug/L	98
33) Benzene	5.095	78	390671	49.157 ug/L	100
34) Trichloroethene	5.908	95	103879	50.060 ug/L	99
35) Methylcyclohexane	6.127	83	161950	51.471 ug/L	99
37) 1,2-Dichloropropane	6.172	63	96062	47.209 ug/L	100
38) Bromodichloromethane	6.506	83	131673	49.817 ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	151632	49.550 ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	265664	92.918 ug/L	98
42) Toluene	7.384	91	423457	50.581 ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	148751	50.486 ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	100804	47.857 ug/L	98
46) Tetrachloroethene	7.976	164	88772	51.101 ug/L	98
48) 2-Hexanone	8.140	43	201944	92.349 ug/L	98
49) Dibromochloromethane	8.246	129	113059	49.599 ug/L	100
50) 1,2-Dibromoethane	8.352	107	109098	48.106 ug/L	96
51) Chlorobenzene	8.879	112	274866	49.361 ug/L	100
52) Ethylbenzene	9.011	91	455549	52.283 ug/L	99
53) m,p-Xylene	9.136	106	176787	51.211 ug/L	100
54) o-Xylene	9.542	106	175869	52.291 ug/L	98
55) Styrene	9.561	104	296703	51.406 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	152545	46.857 ug/L	99
59) Bromoform	9.731	173	82966	47.946 ug/L	99
60) Isopropylbenzene	9.931	105	457293	51.360 ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	120972	45.455 ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	386783	51.594 ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	390844	52.444 ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	220660	48.850 ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	222840	47.501 ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	221614	48.007 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	32259	44.241 ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	160936	47.950 ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	145657	48.261 ug/L	99
71) Naphthalene	13.503	128	477643	48.061 ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	150890	40.371 ug/L	100

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