

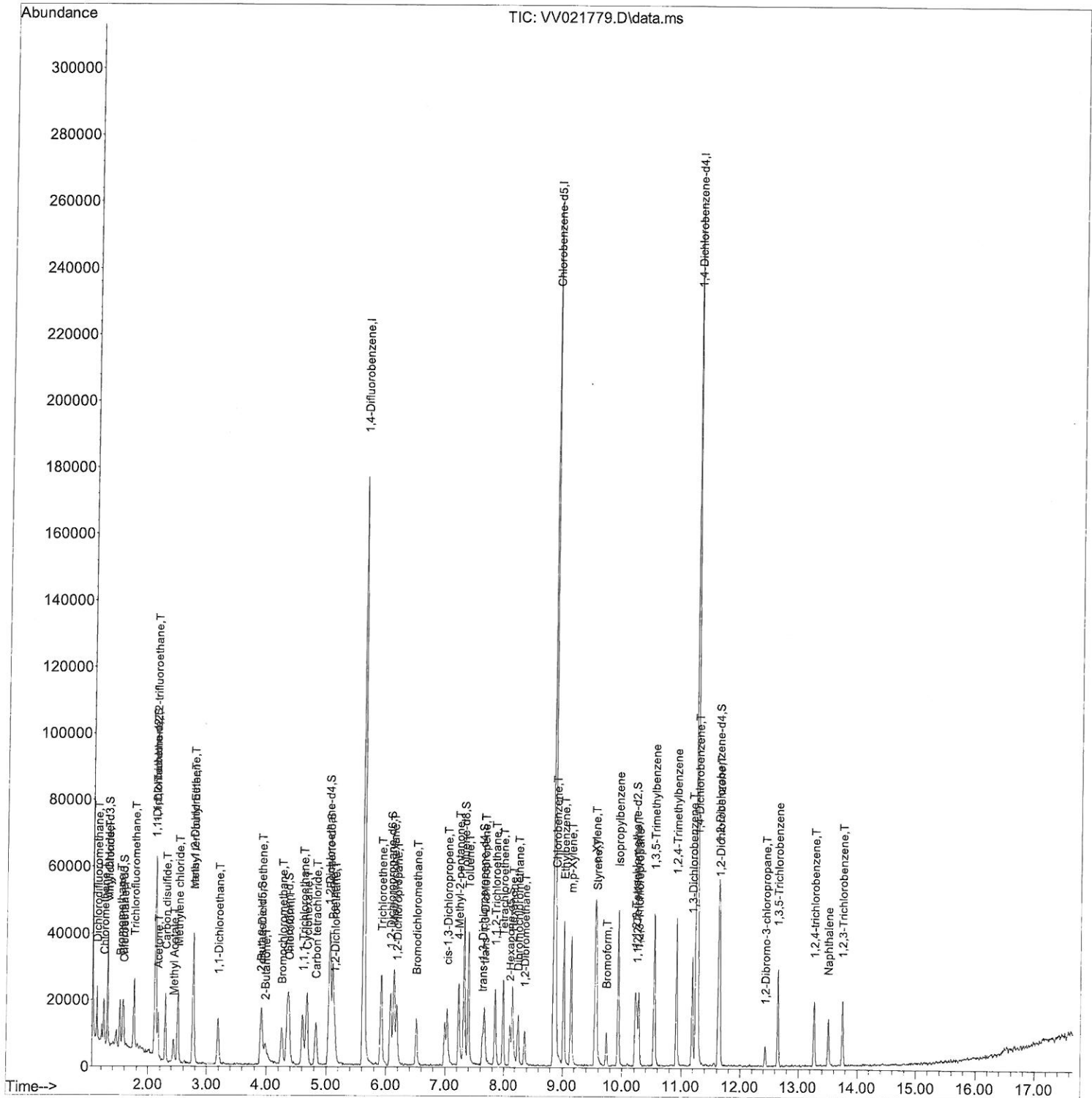
```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\  
Data File : VV021779.D  
Acq On    : 16 Aug 2021 09:30  
Operator  : SY/MD  
Sample    : VSTD00538  
Misc      : 5.0mL/MSVOA_V/WATER  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD005238

Manual Integrations
APPROVED

MMDadoda
8/18/2021 1:45:48 PM

Quant Time: Aug 17 03:50:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 17 03:48:43 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

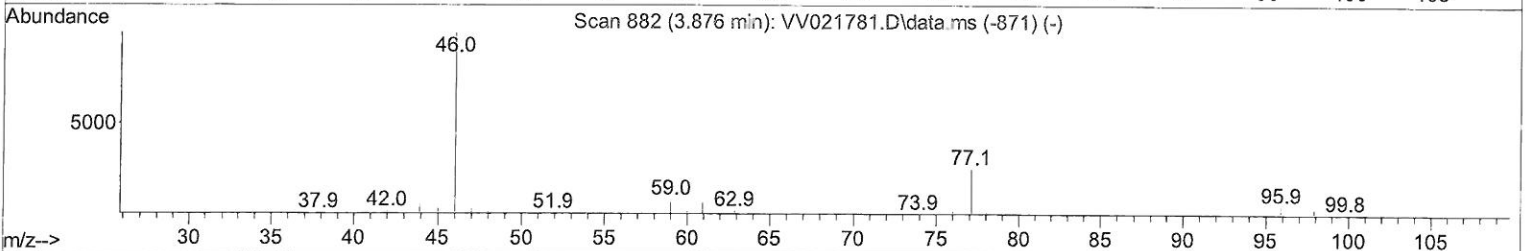
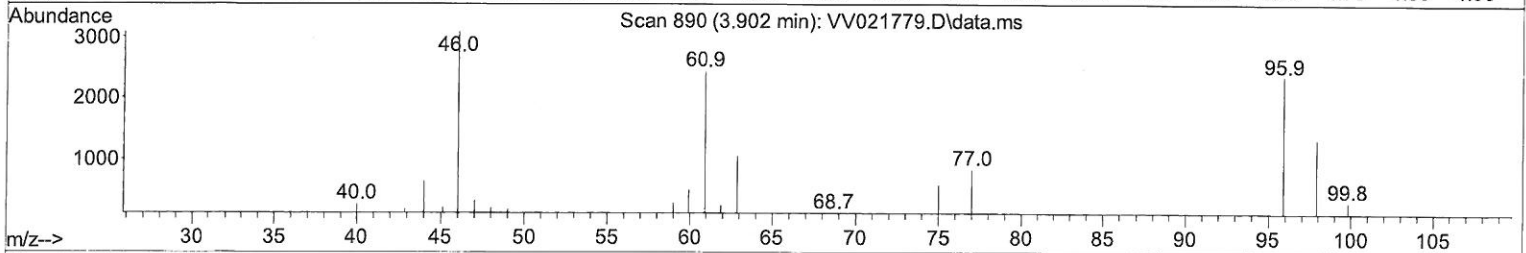
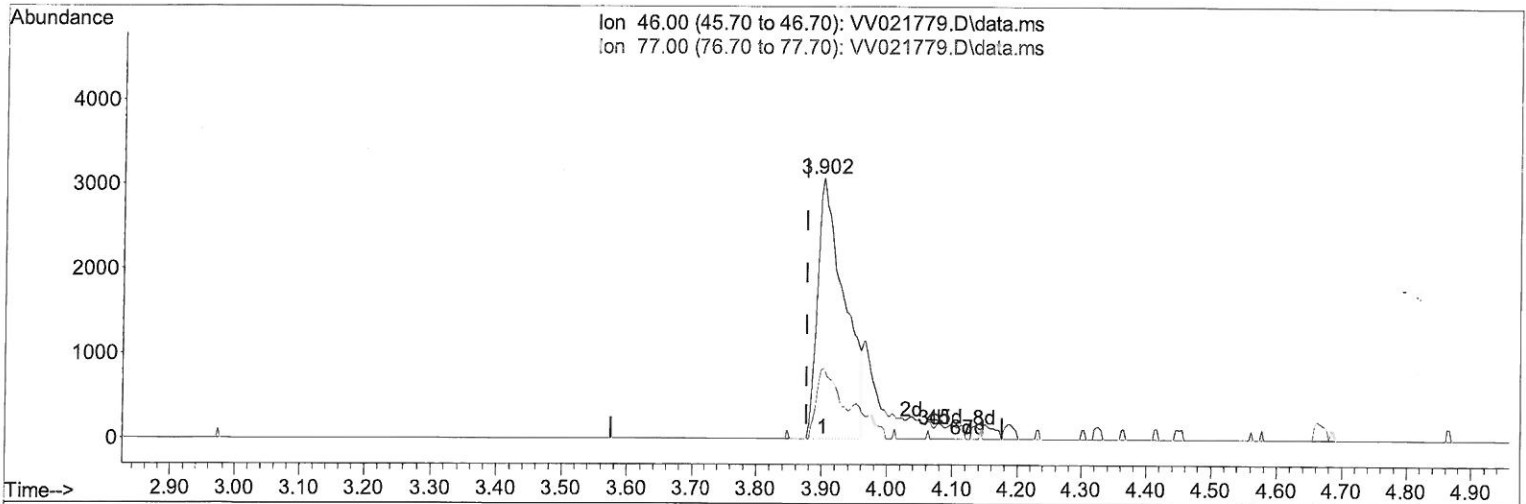
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021779.D
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TIC: VV021779.D\data.ms

(21) 2-Butanone-d5 (S)

3.902min (+ 0.026) 12.86 ug/L

response 8662

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	22.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

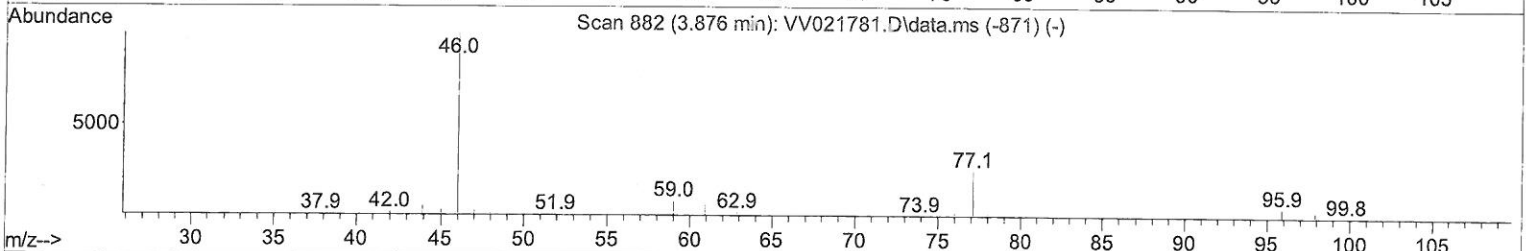
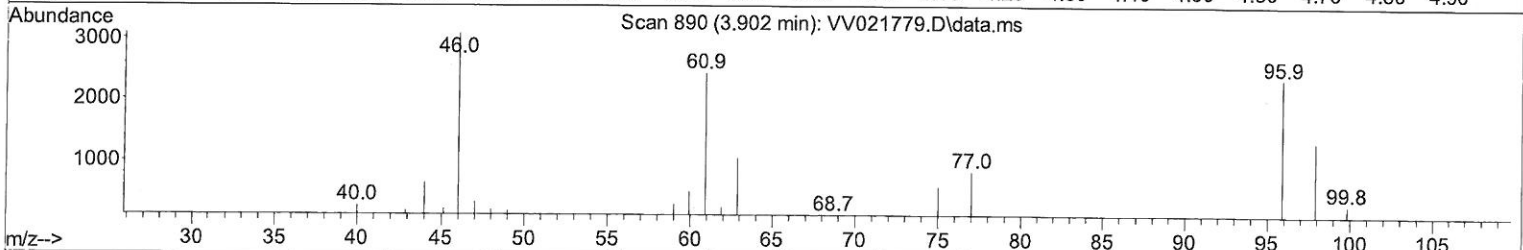
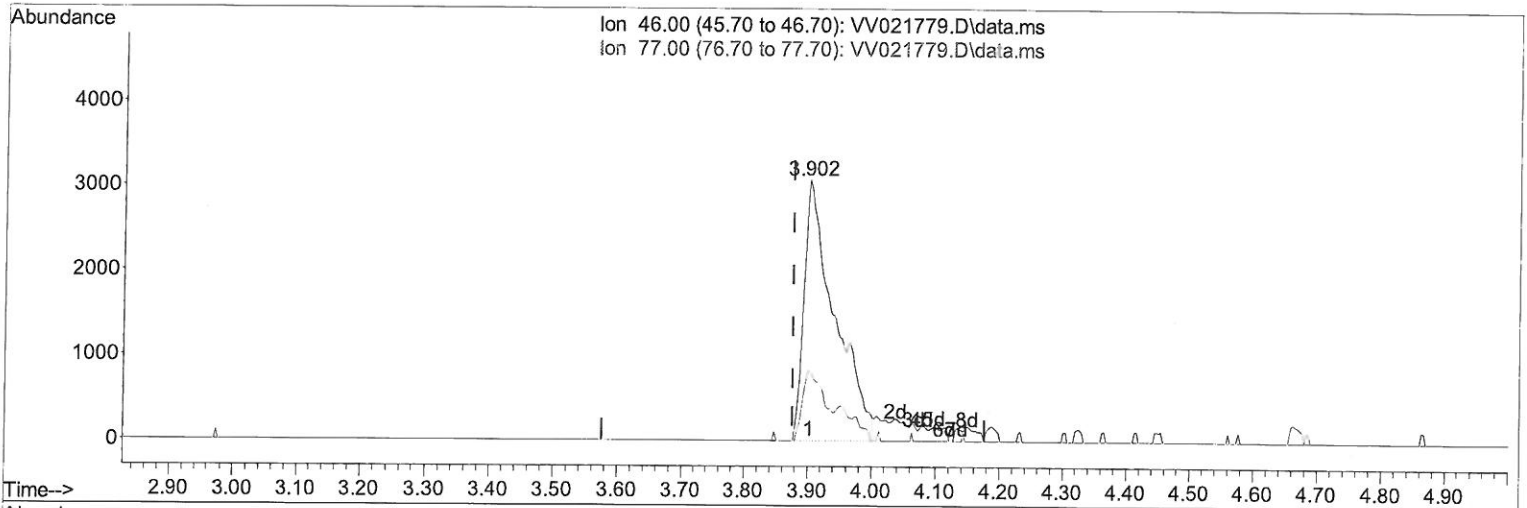
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
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TIC: VV021779.D\data.ms

(21) 2-Butanone-d5 (S)

3.902min (+ 0.026) 15.26 ug/L m

response 10277

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.90	18.85
0.00	0.00	0.00
0.00	0.00	0.00

7mo
8/19/21

Quantitation Report (Qedit)

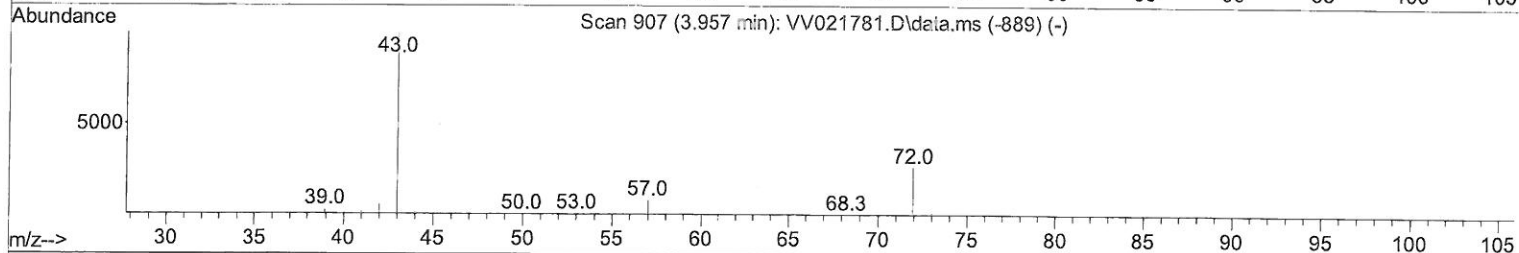
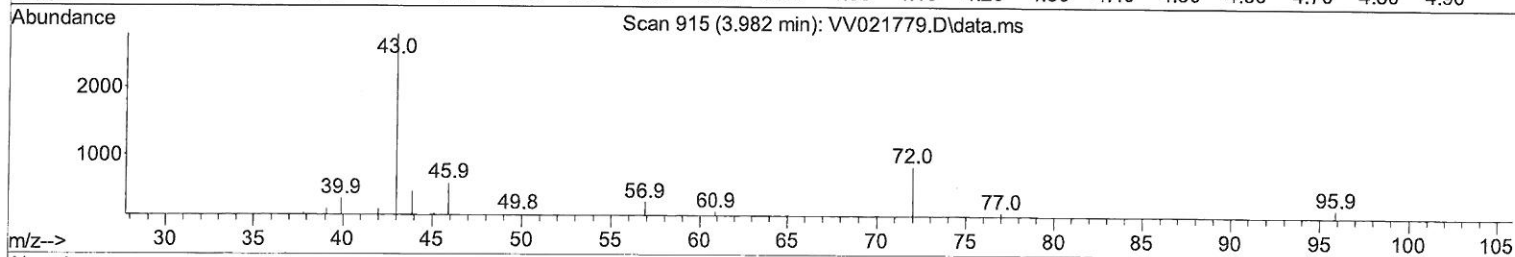
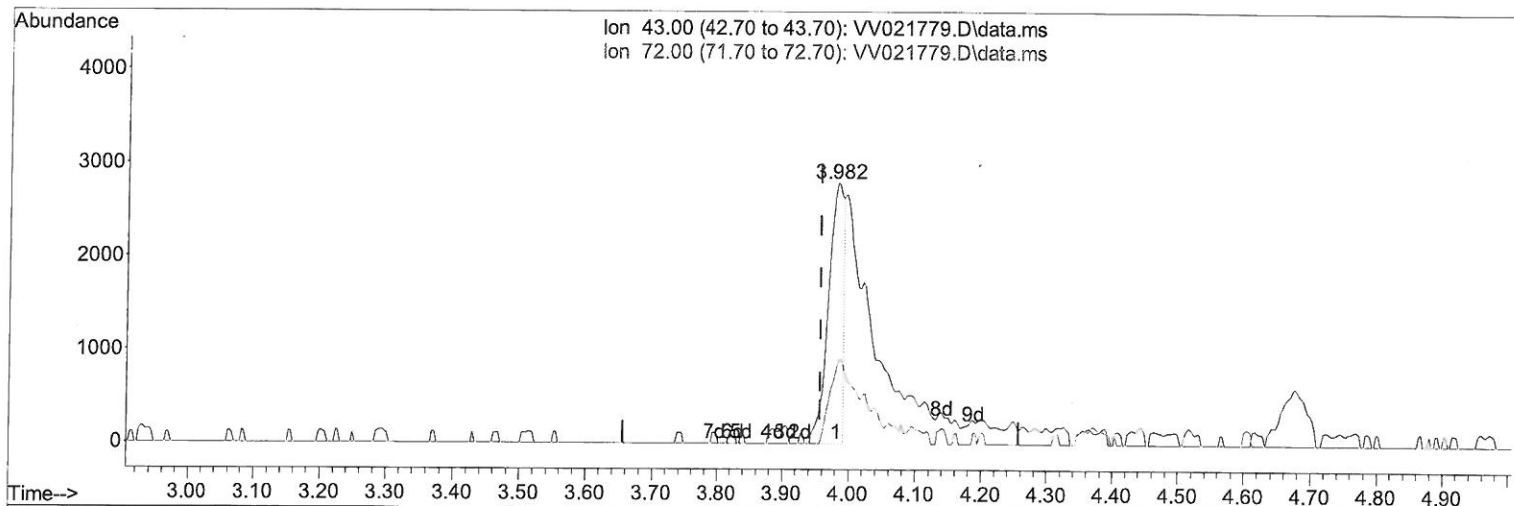
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021779.D
 Acq On : 16 Aug 2021 09:30
 Operator : SY/MD
 Sample : VSTD00538
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 QLast Update : Tue Aug 17 03:48:43 2021
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TIC: VV021779.D\data.ms

(22) 2-Butanone (T)

3.982min (+ 0.026) 5.91 ug/L

response 4580

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.20	47.51#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

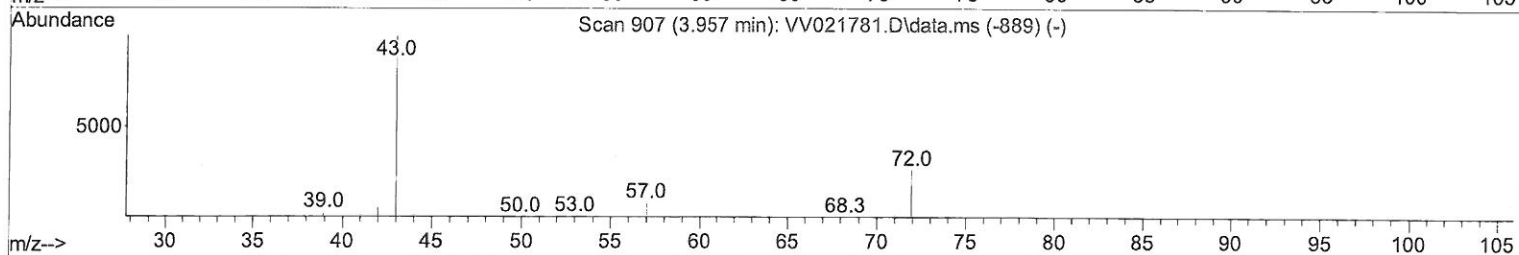
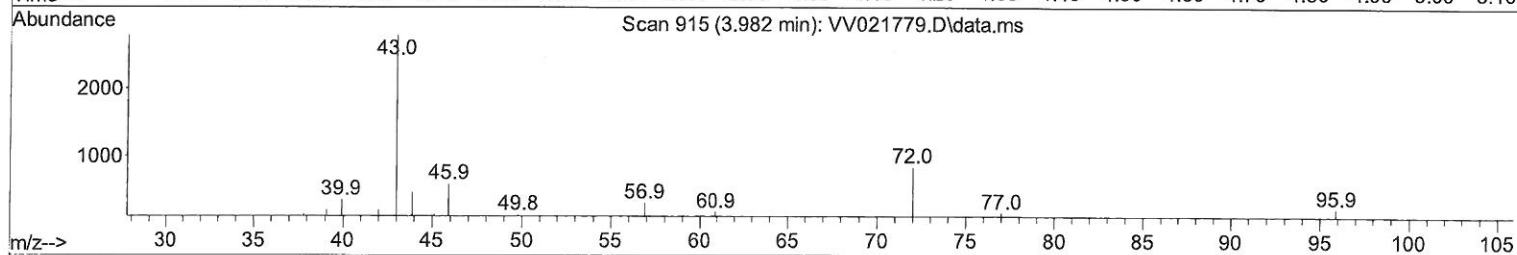
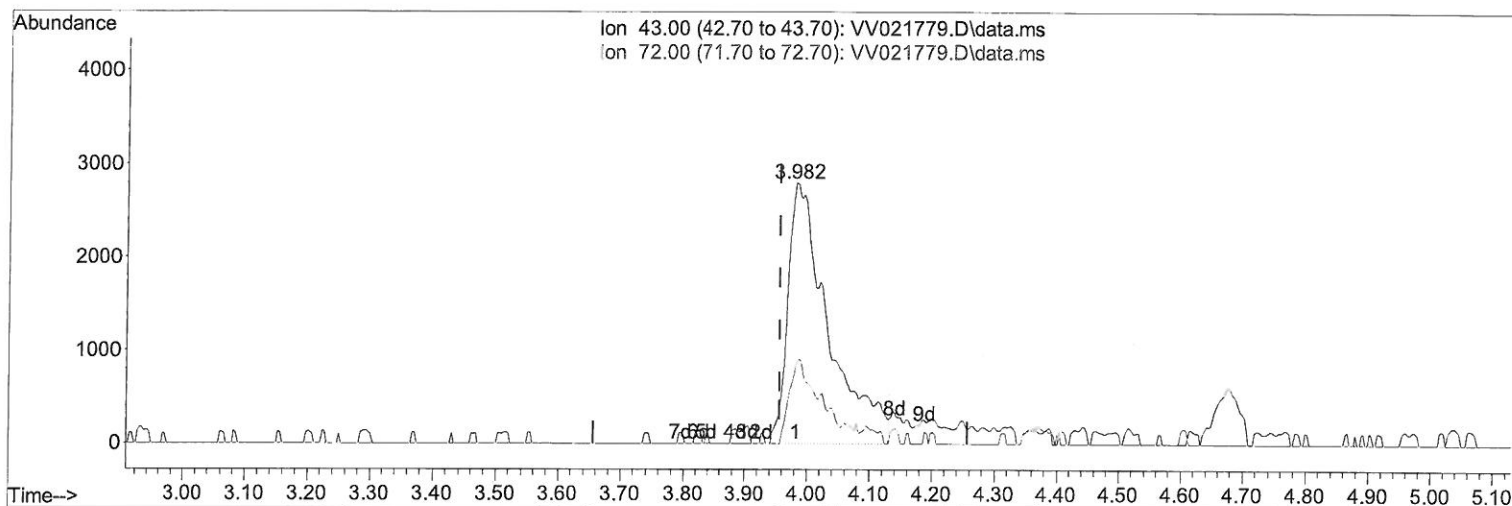
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
Data File : VV021779.D
Acq On : 16 Aug 2021 09:30
Operator : SY/MD
Sample : VSTD00538
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005238

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Aug 17 03:50:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 17 03:48:43 2021
Response via : Initial Calibration



TIC: VV021779.D\data.ms

(22) 2-Butanone (T)

3.982min (+ 0.026) 16.24 ug/L m

response 12586

Ion Exp% Act%

43.00 100.00 100.00

72.00 27.20 17.29

0.00 0.00 0.00

0.00 0.00 0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081621\
 Data File : VV021779.D
 Acq On : 16 Aug 2021 09:30
 Operator : SY/MD
 Sample : VSTD00538
 Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
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Manual Integrations
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Quant Time: Aug 17 03:50:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.616	114	163410	50.000 ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150943	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	72638	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	10982	8.301 ug/L	0.00
7) Chloroethane-d5	1.564	69	8306	8.488 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	17070	7.168 ug/L	0.00
21) 2-Butanone-d5	3.902	46	10277m	15.262 ug/L	0.03
24) Chloroform-d	4.352	84	17210	7.349 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	10120	6.960 ug/L	0.00
32) Benzene-d6	5.053	84	36233	8.955 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	11726	9.582 ug/L	0.00
41) Toluene-d8	7.320	98	32780	8.489 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	5062	7.752 ug/L	0.00
47) 2-Hexanone-d5	8.101	63	4497	9.751 ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.220	84	10918	6.135 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	12048	8.400 ug/L	0.00
Target Compounds					
				Qvalue	
2) Dichlorodifluoromethane	1.127	85	9109	5.737 ug/L	93
3) Chloromethane	1.243	50	9320	6.584 ug/L	96
5) Vinyl chloride	1.310	62	9024	6.293 ug/L	97
6) Bromomethane	1.516	94	6135	6.353 ug/L	95
8) Chloroethane	1.581	64	5695	6.652 ug/L	95
9) Trichlorofluoromethane	1.751	101	11703	4.797 ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7003	5.629 ug/L	98
12) 1,1-Dichloroethene	2.114	96	6407	5.634 ug/L #	68
13) Acetone	2.159	43	12023	18.596 ug/L #	100
14) Carbon disulfide	2.291	76	22893	6.980 ug/L	98
15) Methyl Acetate	2.433	43	8000	7.400 ug/L	92
16) Methylene chloride	2.503	84	9401	7.509 ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	7696	6.725 ug/L	97
18) Methyl tert-butyl Ether	2.764	73	22674	6.449 ug/L	98
19) 1,1-Dichloroethane	3.188	63	14103	6.839 ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	8243	6.698 ug/L	99
22) 2-Butanone	3.982	43	12586m	16.241 ug/L	
23) Bromochloromethane	4.252	128	4345	6.234 ug/L	95
25) Chloroform	4.378	83	13939	6.125 ug/L	95
27) 1,2-Dichloroethane	5.137	62	9639	5.422 ug/L	97
29) Cyclohexane	4.677	56	12161	7.549 ug/L #	88
30) 1,1,1-Trichloroethane	4.609	97	12707	6.311 ug/L #	86
31) Carbon tetrachloride	4.825	117	10168	5.552 ug/L	99
33) Benzene	5.101	78	29294	6.736 ug/L	100
34) Trichloroethene	5.918	95	9435	7.841 ug/L	98
35) Methylcyclohexane	6.127	83	12415	6.919 ug/L	97
37) 1,2-Dichloropropane	6.178	63	7528	7.042 ug/L #	97
38) Bromodichloromethane	6.513	83	9864	6.111 ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	10624	6.180 ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	17940	13.483 ug/L	98
42) Toluene	7.394	91	30811	6.536 ug/L	97

MD
 8/19/21

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 8/19/21

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 Acq On : 16 Aug 2021 09:30
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 Sample : VSTD00538
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Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.657	75	10207	5.806 ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	7797	6.789 ug/L	98
46) Tetrachloroethene	7.979	164	6208	5.955 ug/L	87
48) 2-Hexanone	8.146	43	15242	14.651 ug/L	96
49) Dibromochloromethane	8.249	129	7587	5.498 ug/L	93
50) 1,2-Dibromoethane	8.358	107	7616	6.146 ug/L #	93
51) Chlorobenzene	8.886	112	19951	6.179 ug/L	97
52) Ethylbenzene	9.018	91	32129	6.205 ug/L	97
53) m,p-Xylene	9.143	106	11786	5.975 ug/L	100
54) o-Xylene	9.545	106	12227	6.279 ug/L	97
55) Styrene	9.567	104	17634	5.377 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	7913	4.431 ug/L #	96
59) Bromoform	9.735	173	4801	5.298 ug/L	97
60) Isopropylbenzene	9.934	105	31884	7.113 ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	8812	6.980 ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	25563	6.743 ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	25085	6.606 ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	14821	6.676 ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	15551	6.836 ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	15529	6.778 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	1571	4.303 ug/L	87
69) 1,3,5-Trichlorobenzene	12.648	180	9808	5.748 ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	6279	4.469 ug/L	97
71) Naphthalene	13.509	128	12284	3.132 ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	6135	4.333 ug/L	96

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