

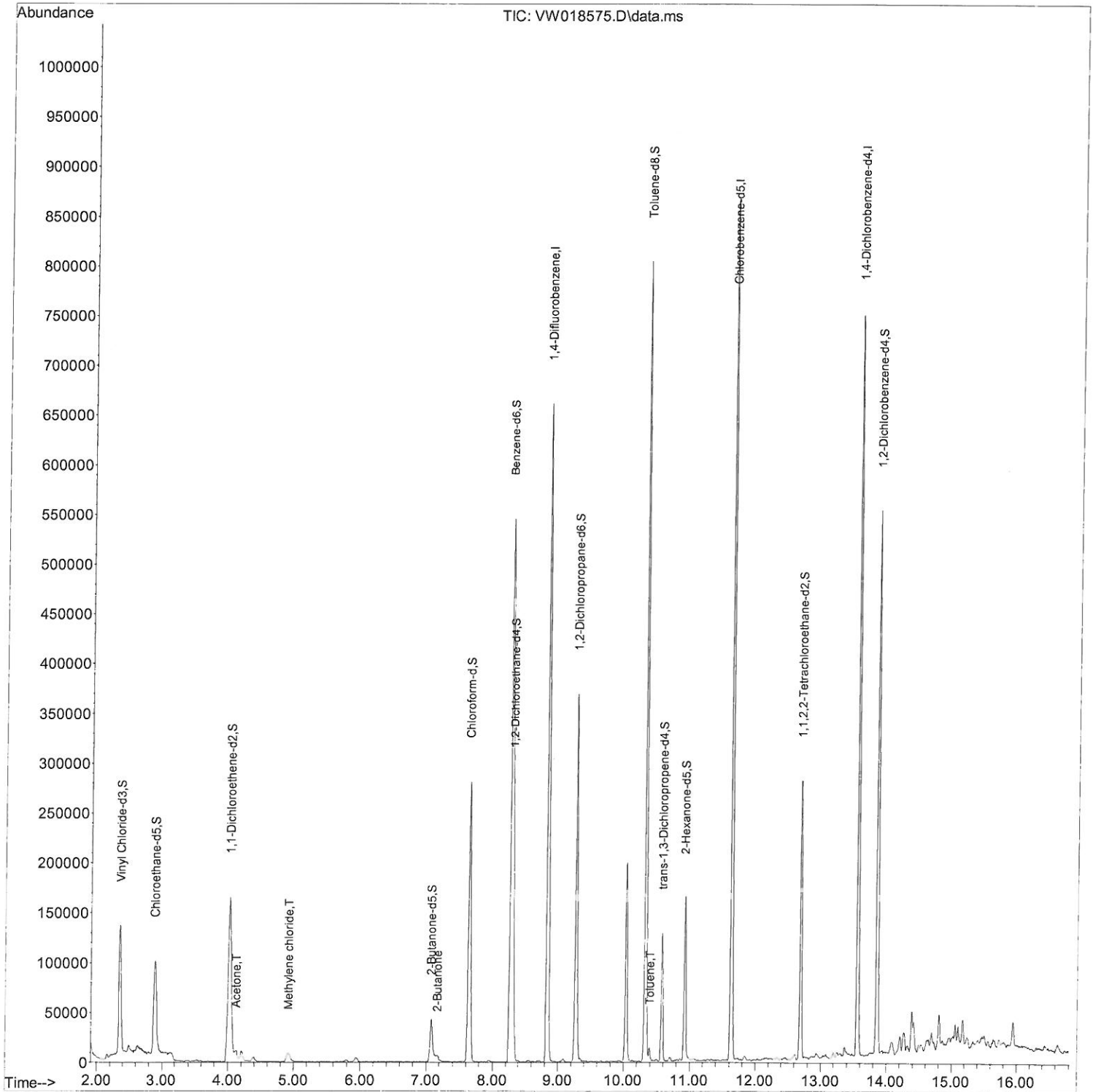
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018575.D
Acq On : 07 Apr 2021 12:54
Operator : SY/VA
Sample : M1881-13
Misc : 5.81G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ESQH0

Manual Integrations
APPROVED

MMDadoda
4/9/2021 9:26:57 AM

Quant Time: Apr 08 05:35:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 05:34:15 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

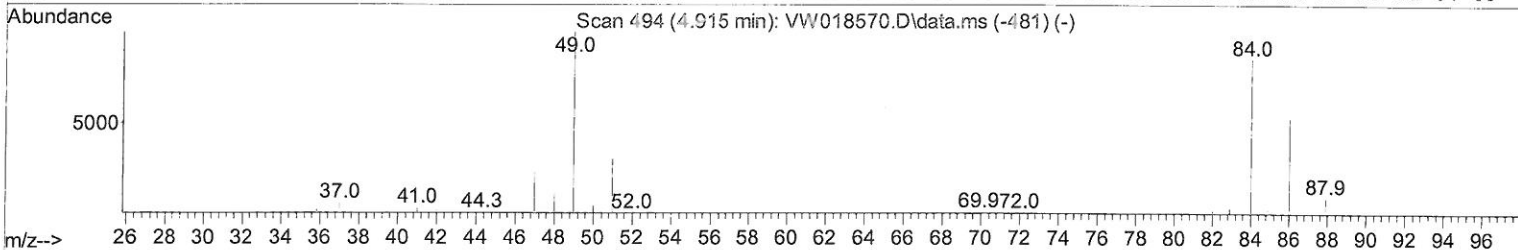
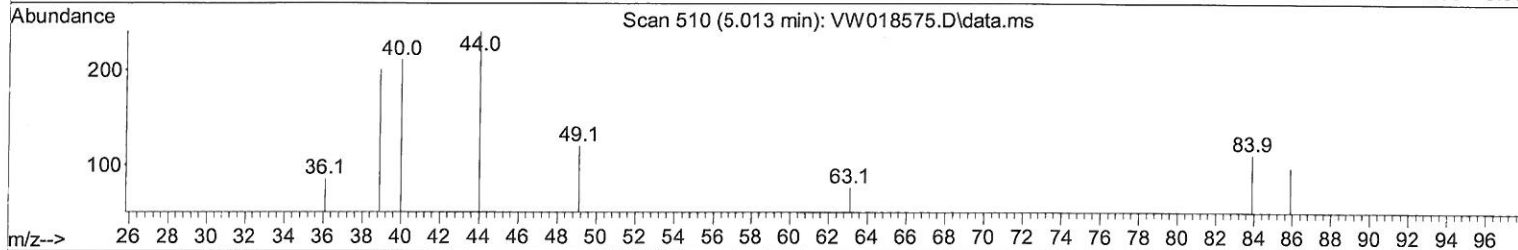
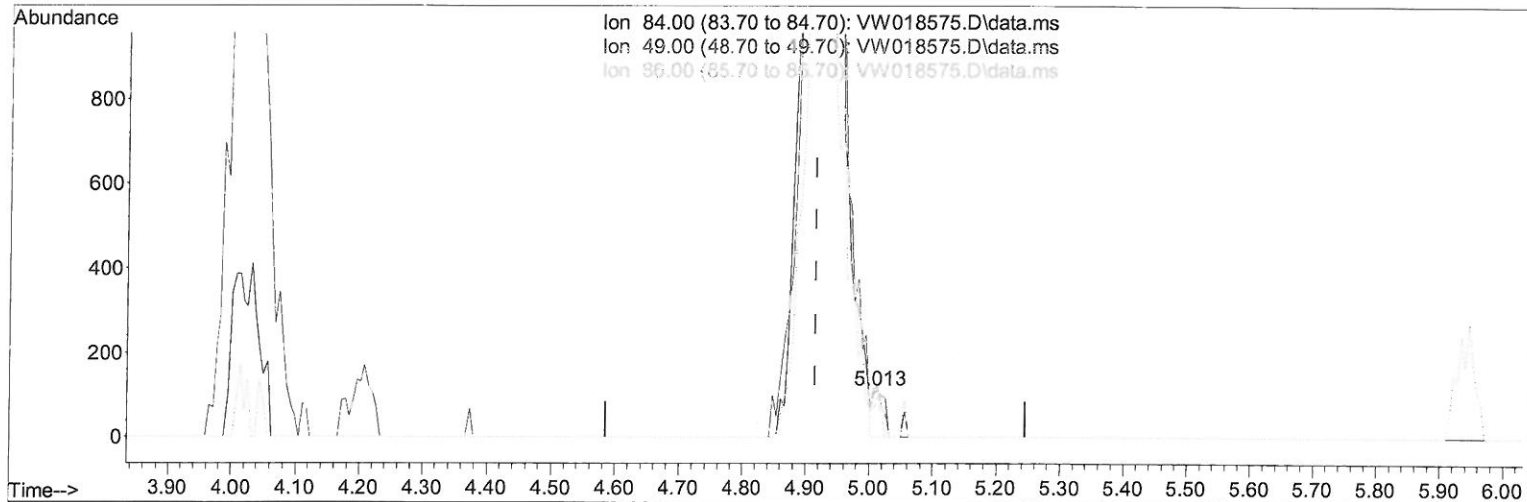
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TIC: VW018575.D\data.ms

(16) Methylene chloride (T)

5.013min (+ 0.098) 0.02 ug/L

response 149

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	108.11
86.00	65.90	87.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

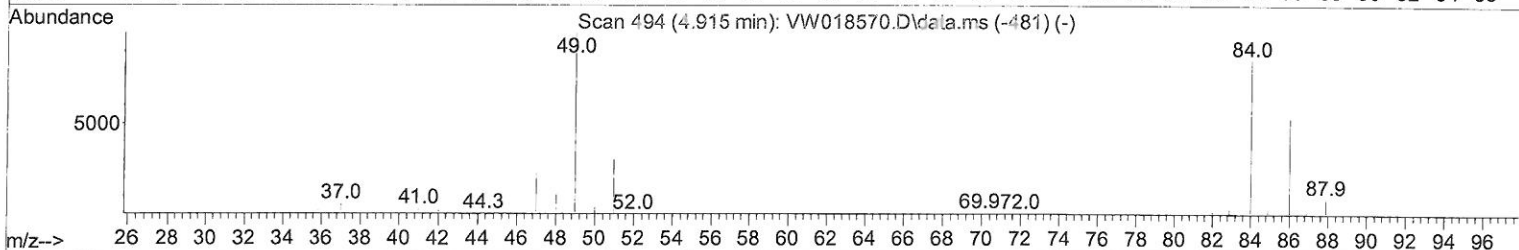
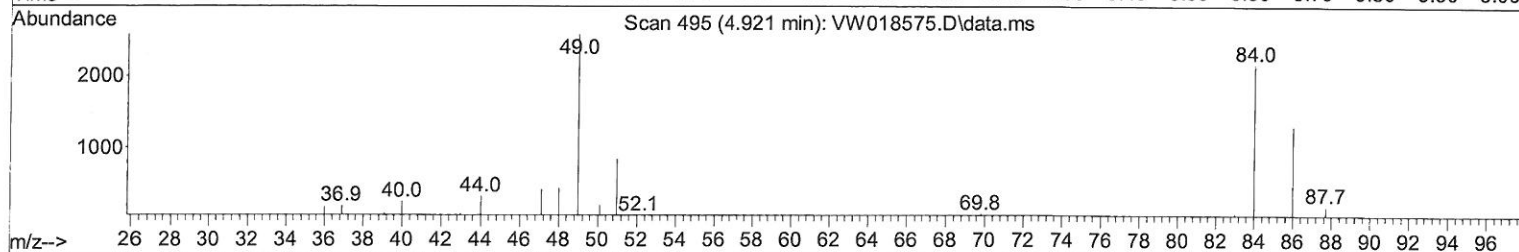
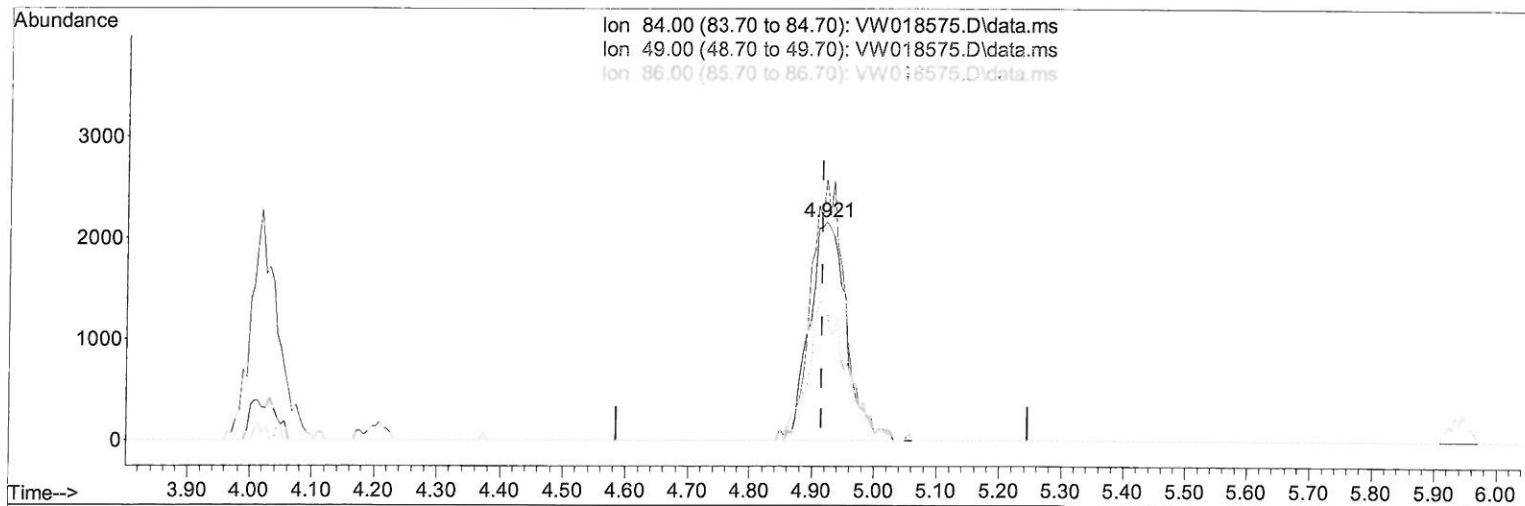
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TIC: VW018575.D\data.ms

(16) Methylene chloride (T)

4.921min (+ 0.006) 0.97 ug/L m

response 8856

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	119.21
86.00	65.90	60.23
0.00	0.00	0.00

7 MD
4/12/21

Quantitation Report (Qedit)

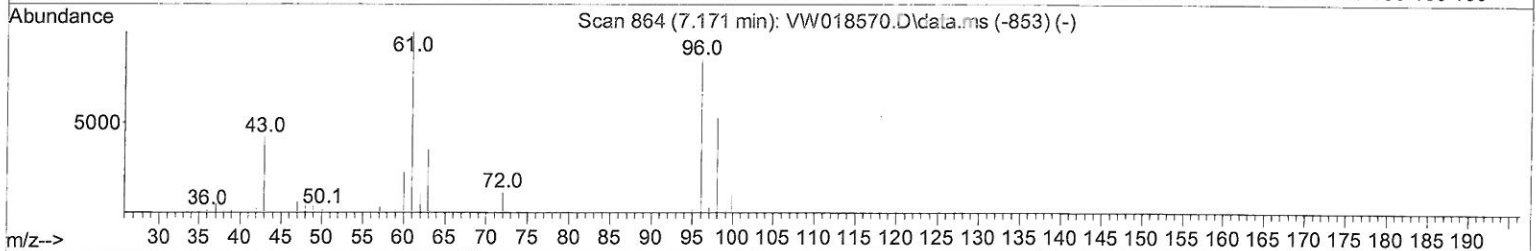
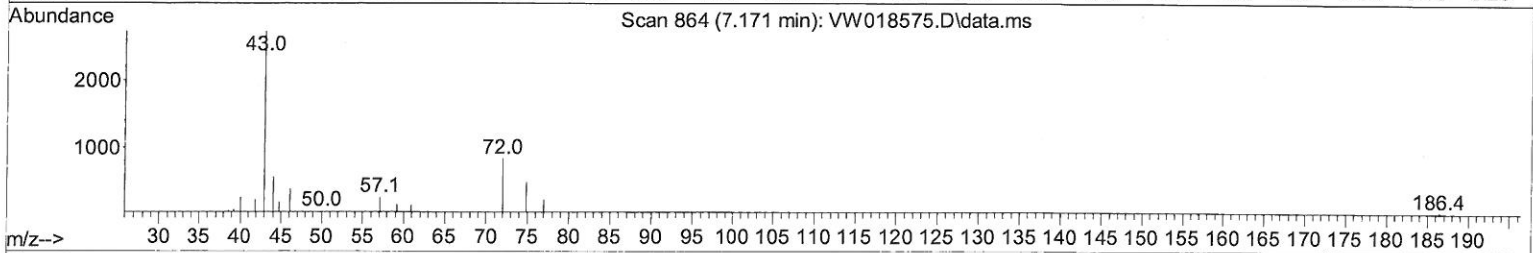
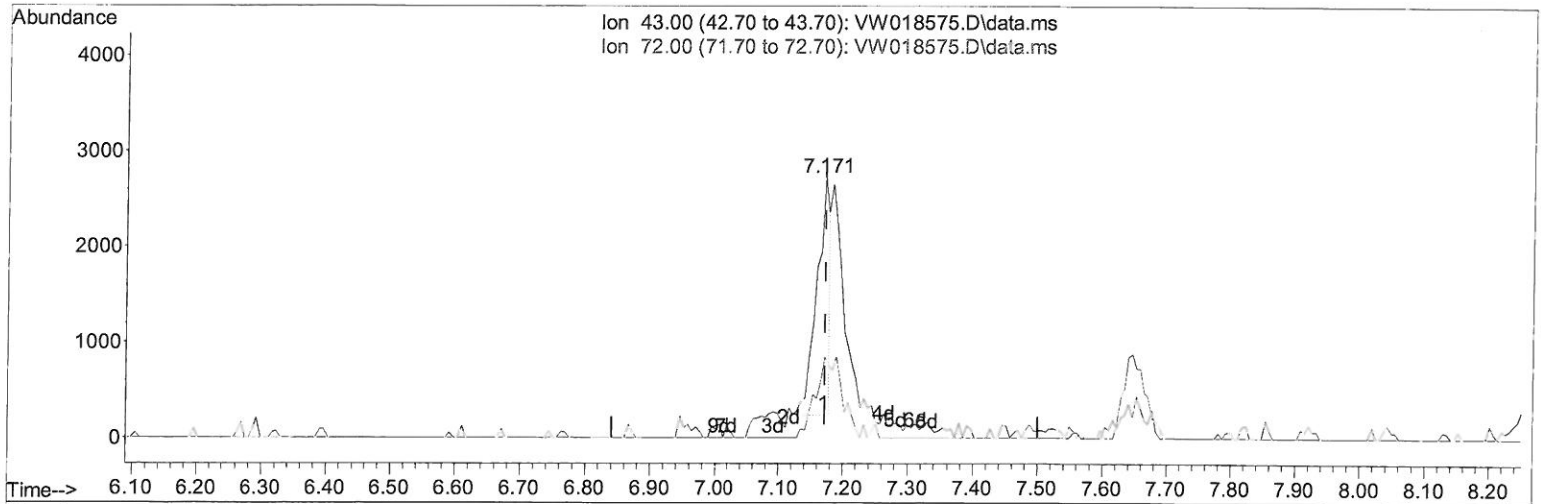
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TIC: VW018575.D\data.ms

(21) 2-Butanone

7.171min (-0.000) 1.82 ug/L

response 3567

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	33.00	42.87
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

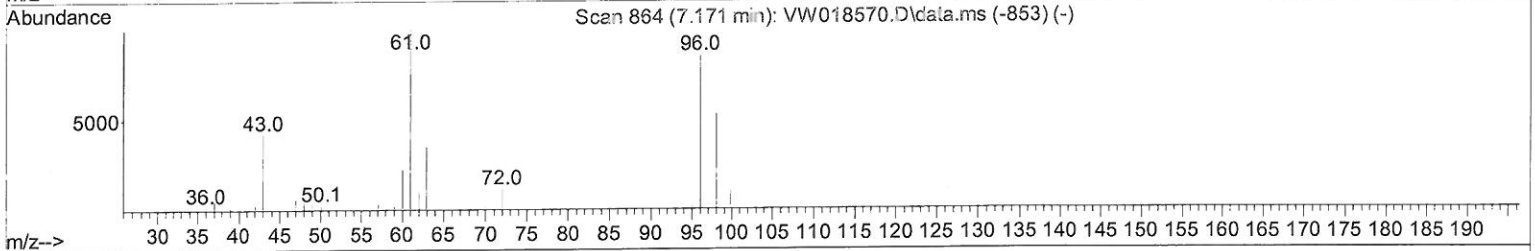
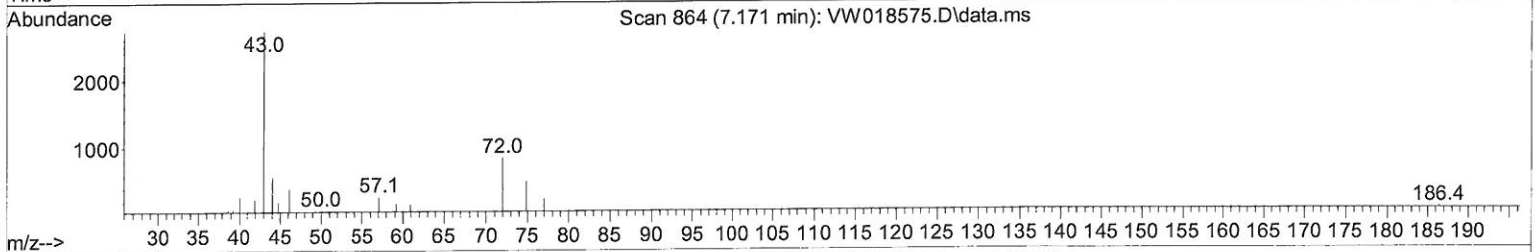
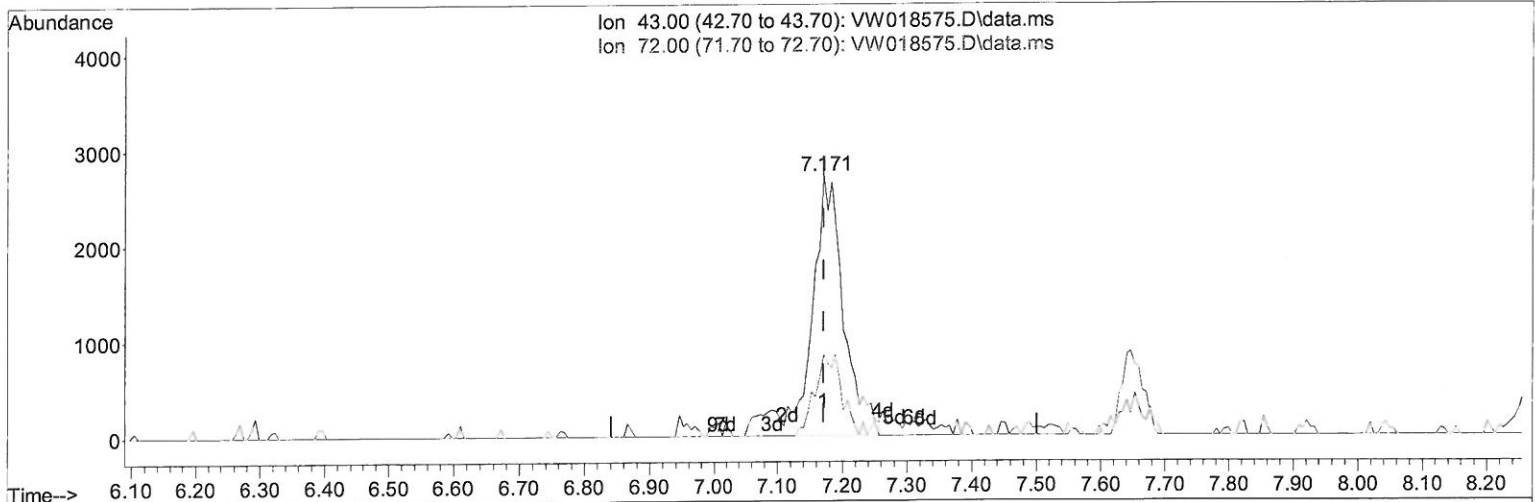
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Instrument :
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TIC: VW018575.D\data.ms

(21) 2-Butanone

7.171min (-0.000) 4.52 ug/L m

response 8844

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	33.00	17.29
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
 4/12/21

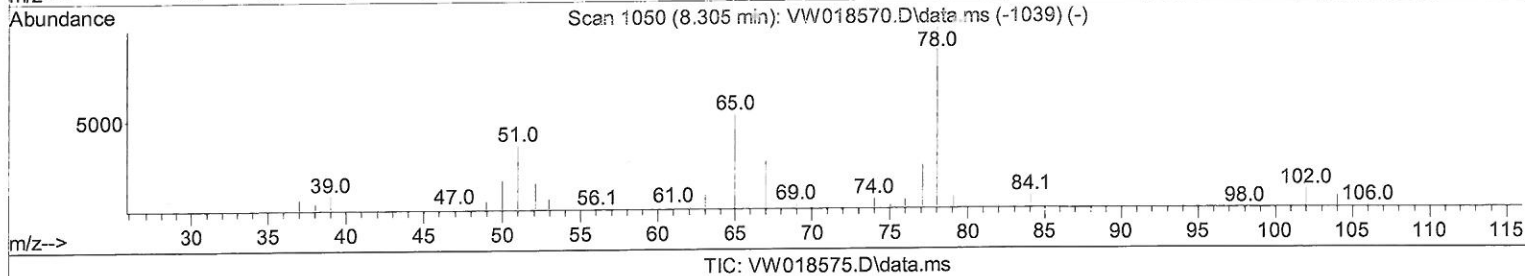
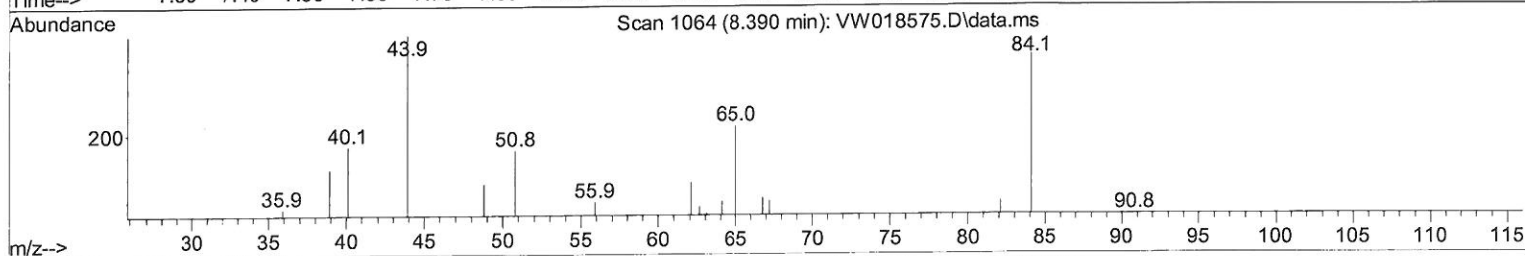
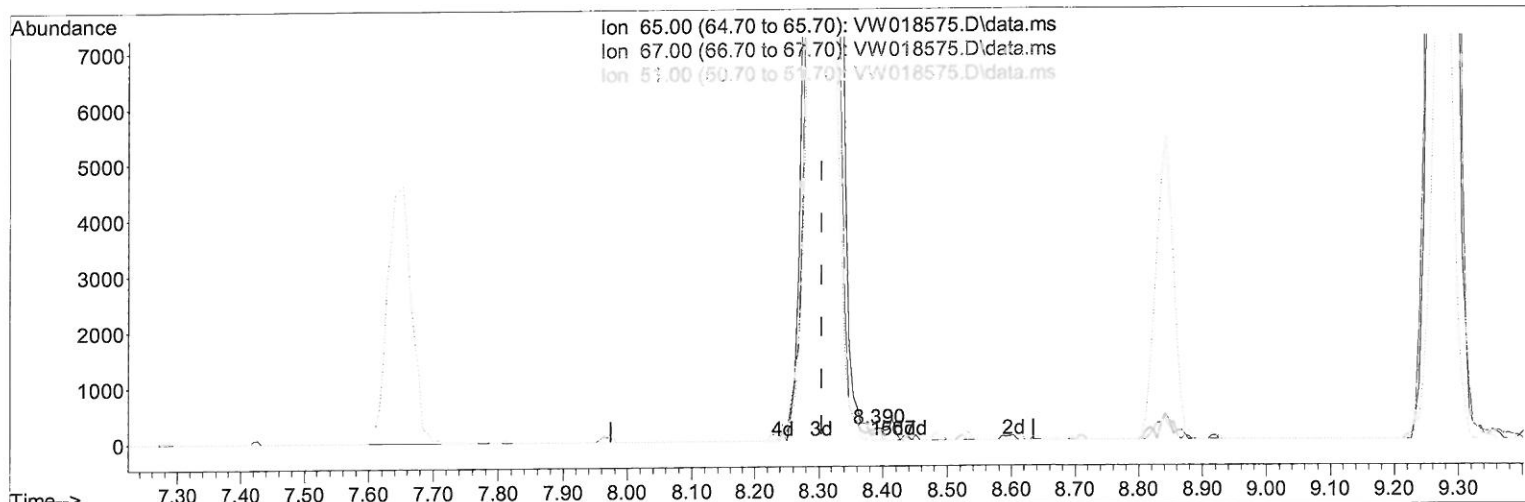
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Instrument :
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Manual Integrations
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TIC: VW018575.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.390min (+ 0.085) 0.03 ug/L

response 218

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	48.17
51.00	87.20	87.61
0.00	0.00	0.00

Quantitation Report (Qedit)

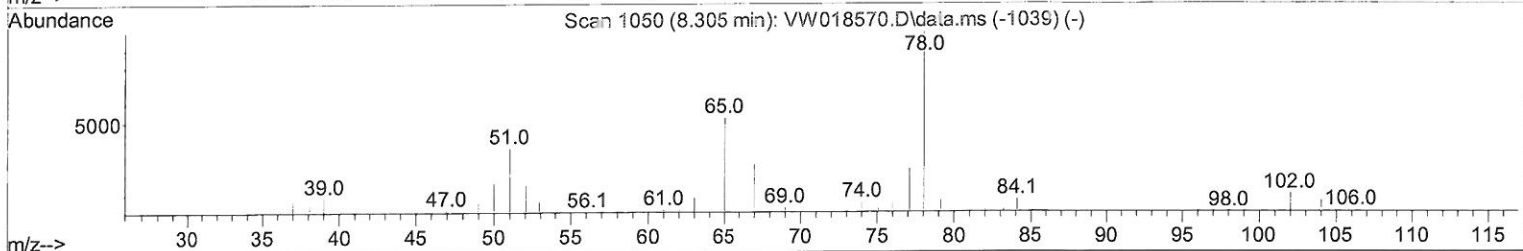
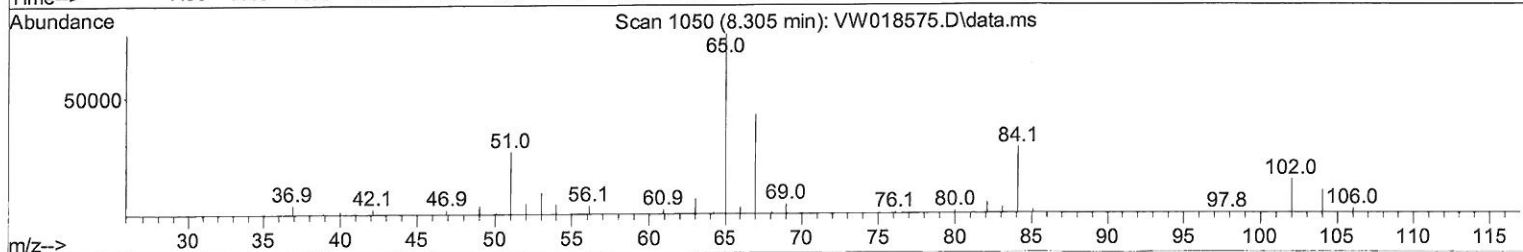
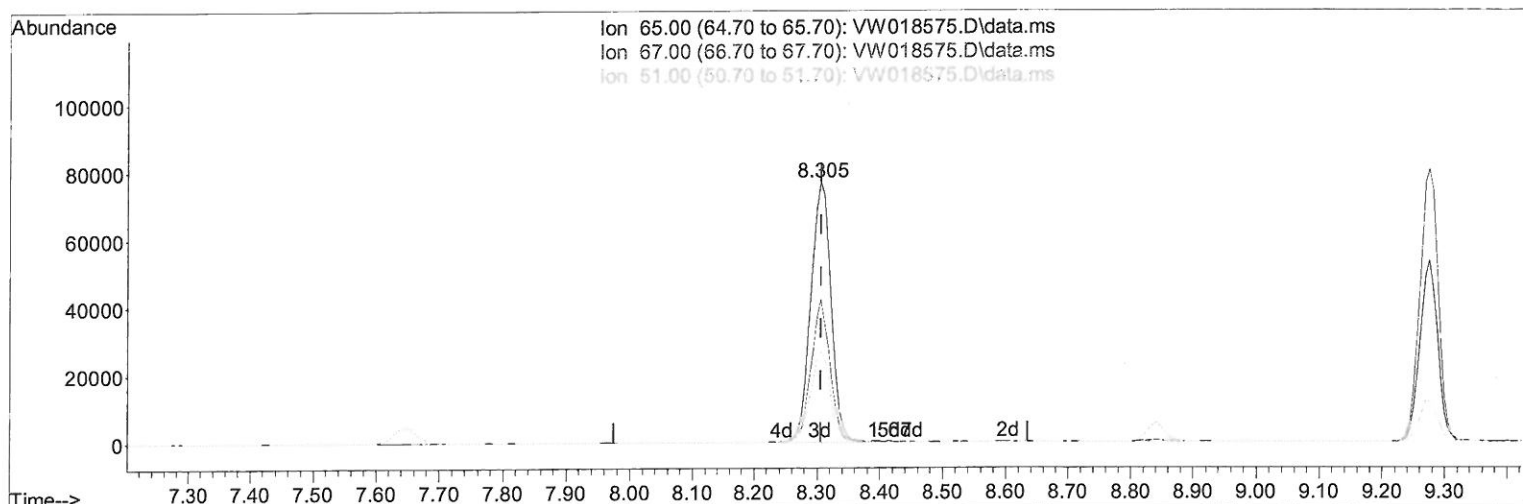
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Sample : M1881-13
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQH0

Manual Integrations
APPROVED

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TIC: VW018575.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.305min (-0.000) 20.86 ug/L m

response 171786

Ion Exp% Act%

65.00 100.00 100.00

67.00 49.50 0.06#

51.00 87.20 0.11#

0.00 0.00 0.00

7 mg
4/12/21

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Instrument :
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	553824	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	472041	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	192971	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	175758	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
7) Chloroethane-d5	2.891	69	135430	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.28%
10) 1,1-Dichloroethene-d2	4.025	63	194955	14.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.60%
20) 2-Butanone-d5	7.074	46	69888	40.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.46%
24) Chloroform-d	7.647	84	285768	20.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.04%
26) 1,2-Dichloroethane-d4	8.305	65	171786m	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.44%
29) Benzene-d6	8.275	84	560112	22.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.28%
33) 1,2-Dichloropropane-d6	9.274	67	163527	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.36%
37) Toluene-d8	10.323	98	528166	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.44%
38) trans-1,3-Dichloroprop...	10.579	79	69444	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.40%
39) 2-Hexanone-d5	10.920	63	59213	41.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.60%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	133984	20.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.76%
61) 1,2-Dichlorobenzene-d4	13.853	152	133680	19.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.96%
Target Compounds						
13) Acetone	4.123	43	15857	12.86	ug/L	95
16) Methylene chloride	4.921	84	8856m	0.97	ug/L	
21) 2-Butanone	7.171	43	8844m	4.52	ug/L	
44) Toluene	10.390	91	8797	0.28	ug/L	91

> MD
 4/12/21

1 MD
 4/12/21

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