

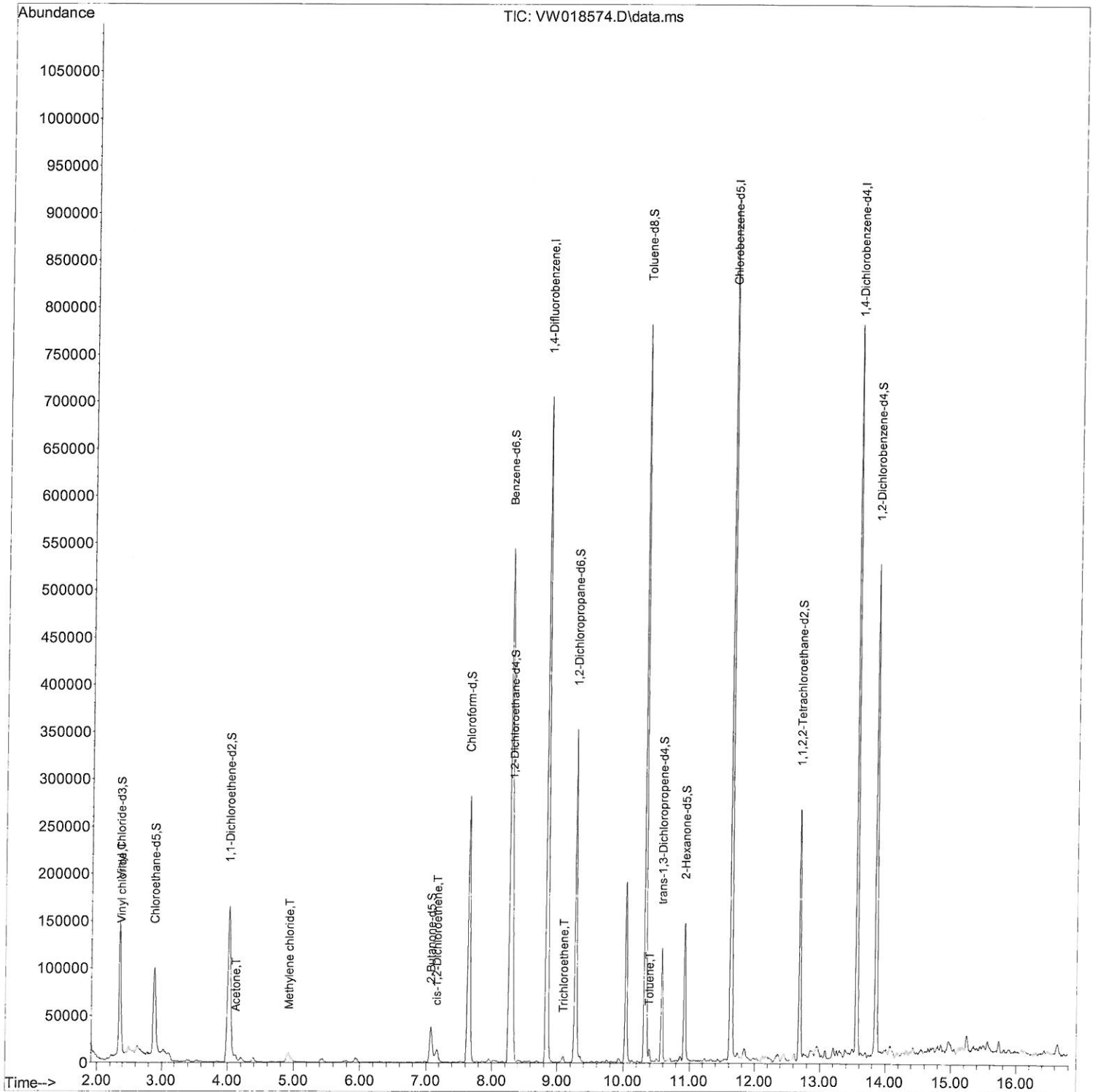
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018574.D
Acq On : 07 Apr 2021 12:30
Operator : SY/VA
Sample : M1881-12
Misc : 4.42G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ESQG9

Manual Integrations
APPROVED

MMDadoda
4/9/2021 9:26:53 AM

Quant Time: Apr 08 05:35:18 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)

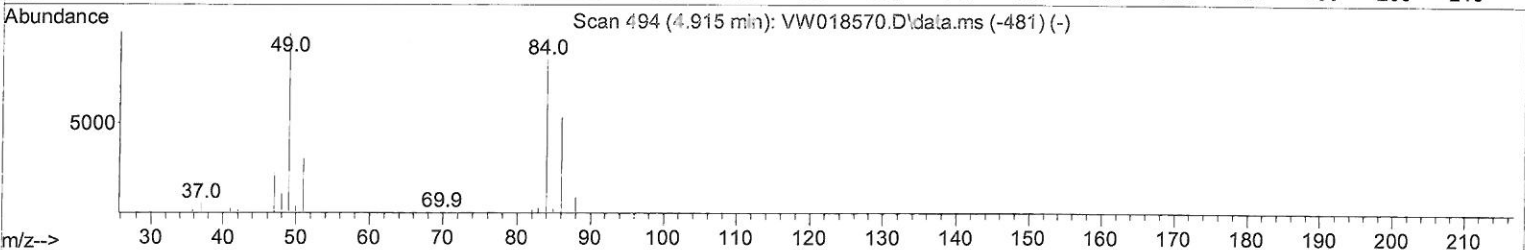
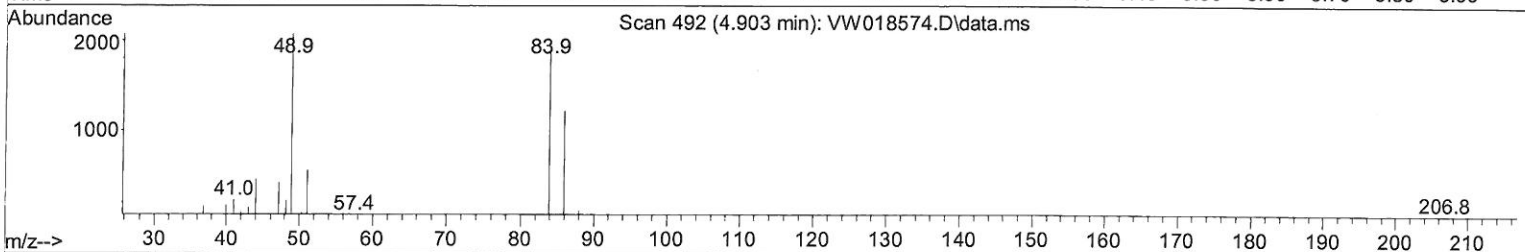
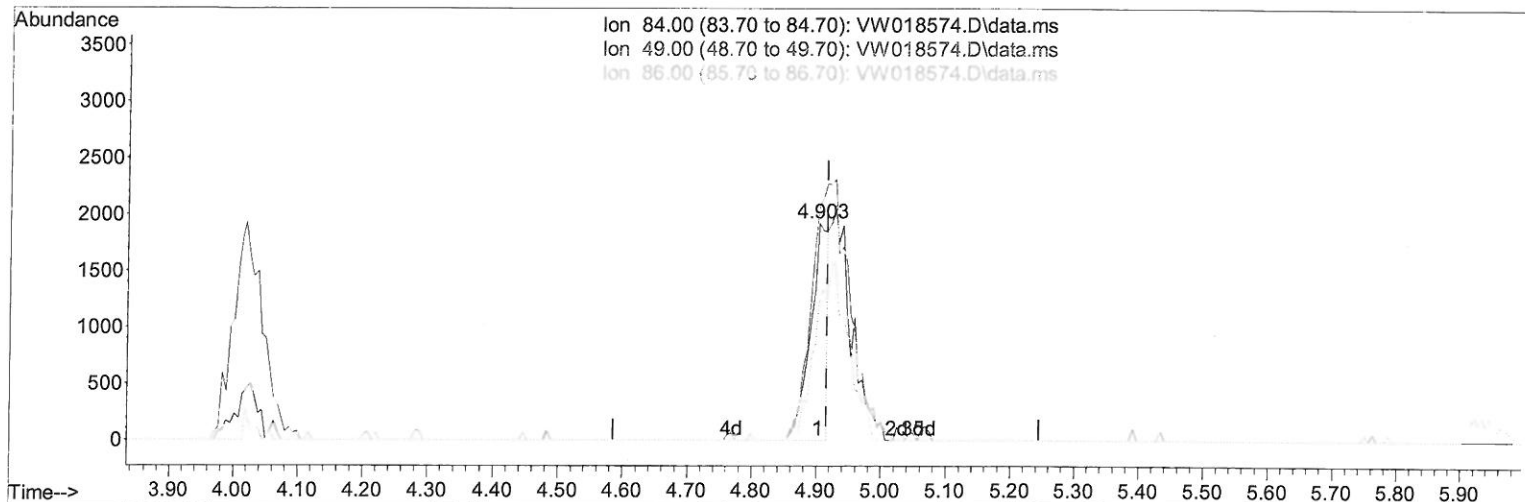
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TIC: VW018574.D\data.ms

(16) Methylene chloride (T)

4.903min (-0.012) 0.37 ug/L

response 3567

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	107.75
86.00	65.90	63.49
0.00	0.00	0.00

Quantitation Report (Qedit)

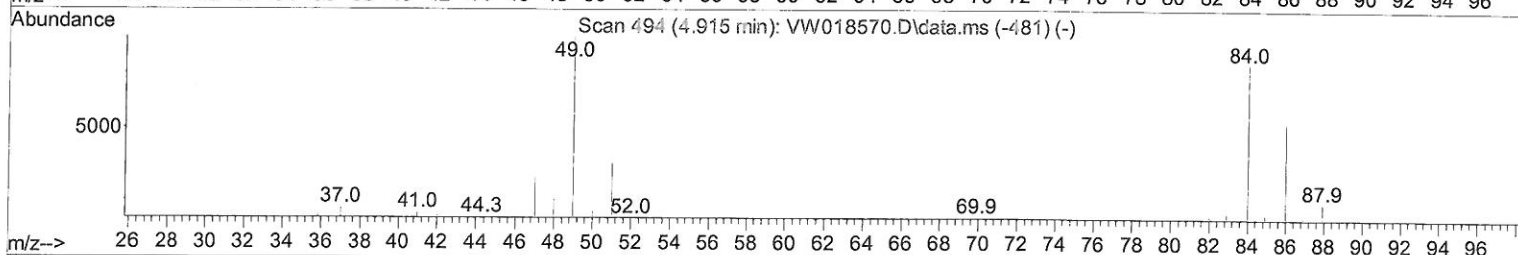
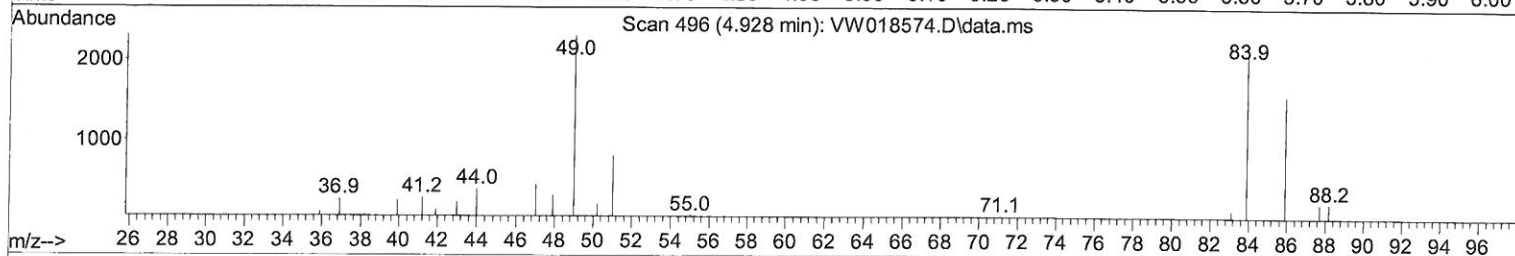
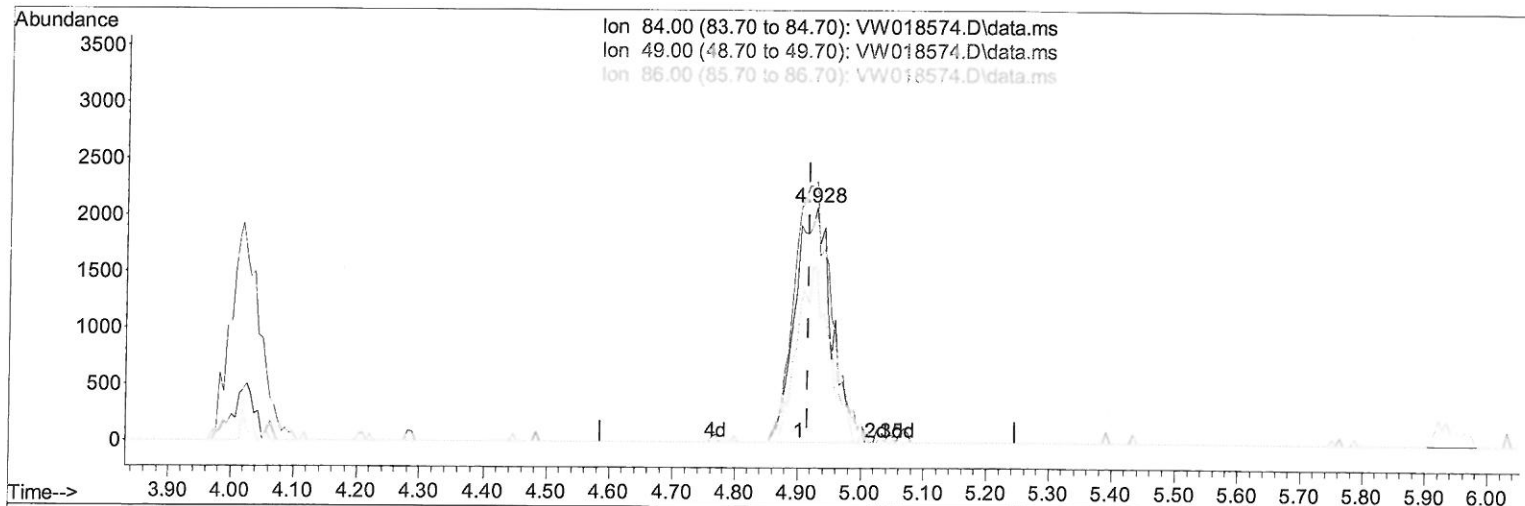
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TIC: VW018574.D\data.ms

(16) Methylene chloride (T)

4.928min (+ 0.012) 0.86 ug/L m

response 8342

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	110.75
86.00	65.90	75.23
0.00	0.00	0.00

7 MD
4/7/21 MD
4/12/21

Quantitation Report (Qedit)

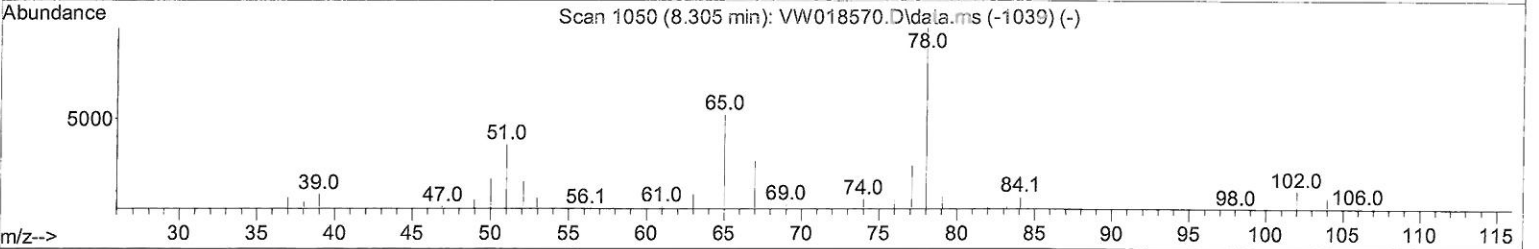
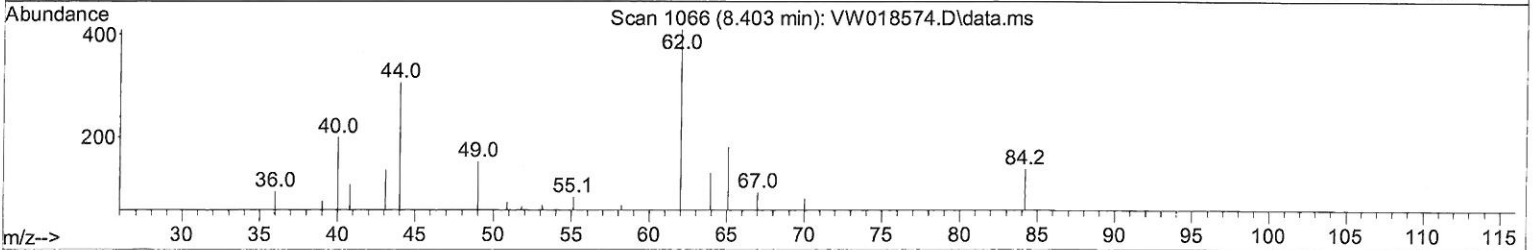
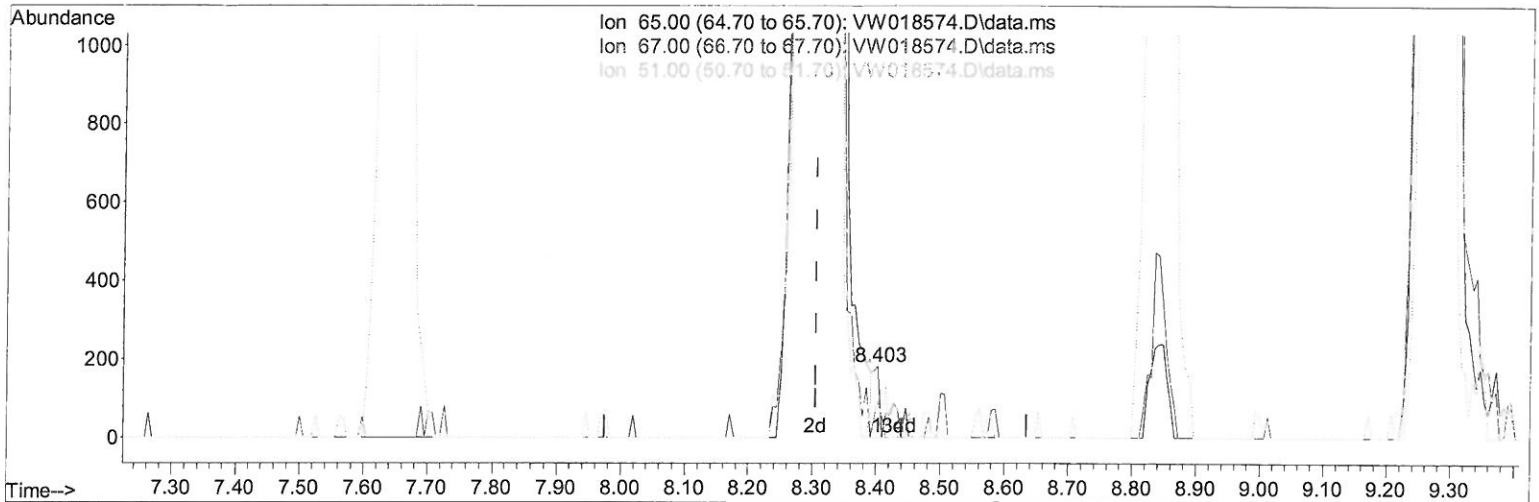
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TIC: VW018574.D\data.ms

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

8.403min (+ 0.098) 0.01 ug/L

response 128

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	55.47
51.00	87.20	78.91
0.00	0.00	0.00

Quantitation Report (Qedit)

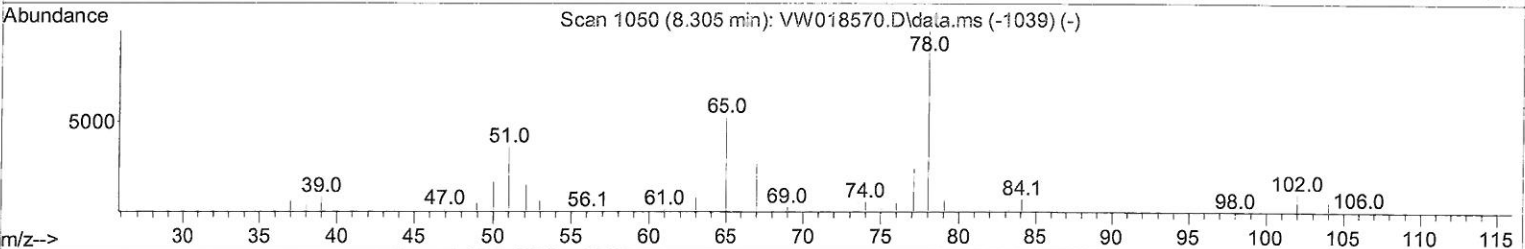
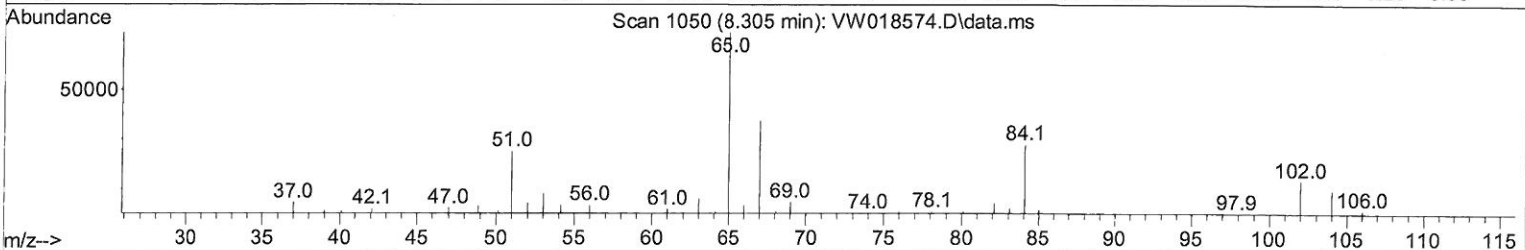
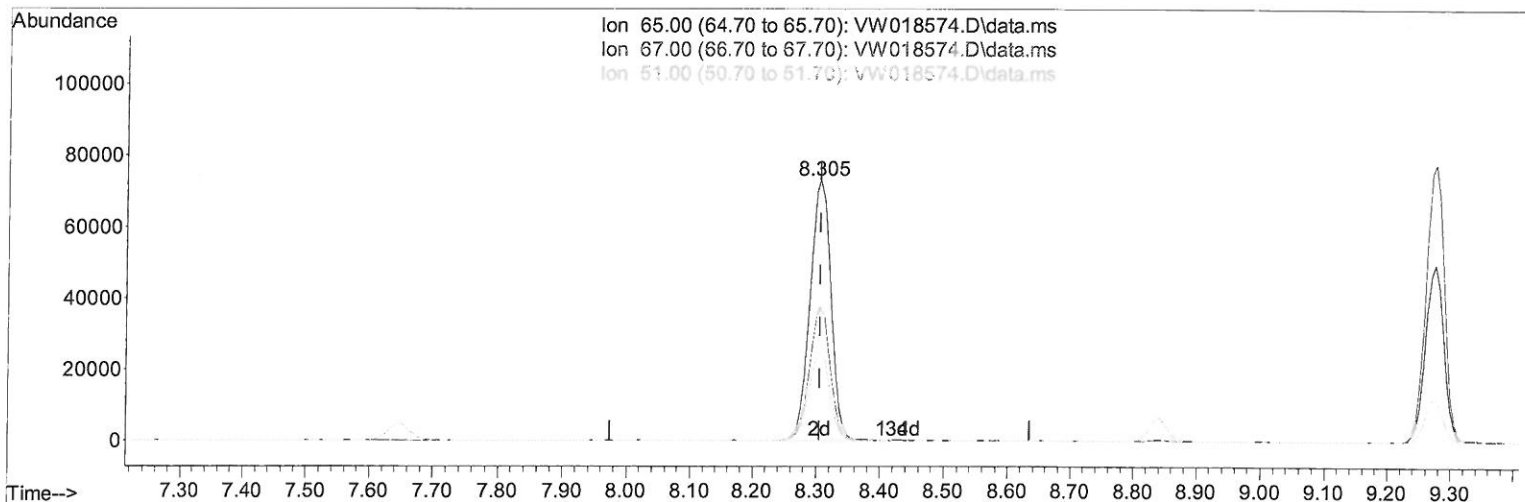
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Instrument :
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Manual Integrations
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TIC: VW018574.D\data.ms

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

8.305min (+ 0.000) 18.72 ug/L m

response 165116

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	0.04#
51.00	87.20	0.06#
0.00	0.00	0.00

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 4/7/21 MD
 4/12/21

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 Sample : M1881-12
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQG9

Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	593122	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	493158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	196202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	165233	20.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.08%
7) Chloroethane-d5	2.892	69	124715	17.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.04%
10) 1,1-Dichloroethene-d2	4.019	63	190711	13.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.52%
20) 2-Butanone-d5	7.074	46	64146	34.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.82%
24) Chloroform-d	7.647	84	278247	18.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.68%
26) 1,2-Dichloroethane-d4	8.305	65	165116m	18.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.88%
29) Benzene-d6	8.275	84	554556	21.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.60%
33) 1,2-Dichloropropane-d6	9.275	67	156706	20.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.88%
37) Toluene-d8	10.323	98	515155	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.64%
38) trans-1,3-Dichloroprop...	10.579	79	65877	16.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.56%
39) 2-Hexanone-d5	10.927	63	53544	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	124017	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.32%
61) 1,2-Dichlorobenzene-d4	13.853	152	130567	18.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.88%#
Target Compounds						
5) Vinyl chloride	2.367	62	6598	0.59	ug/L	# 17
13) Acetone	4.123	43	10732	8.13	ug/L	100
16) Methylene chloride	4.928	84	8342m	0.86	ug/L	
22) cis-1,2-Dichloroethene	7.165	96	5636	0.65	ug/L	89
35) Trichloroethene	9.092	95	1827	0.23	ug/L	96
44) Toluene	10.384	91	10130	0.31	ug/L	87

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

7 MD
 4/7/21 MD
 4/12/21

7 MD
 4/12/21