

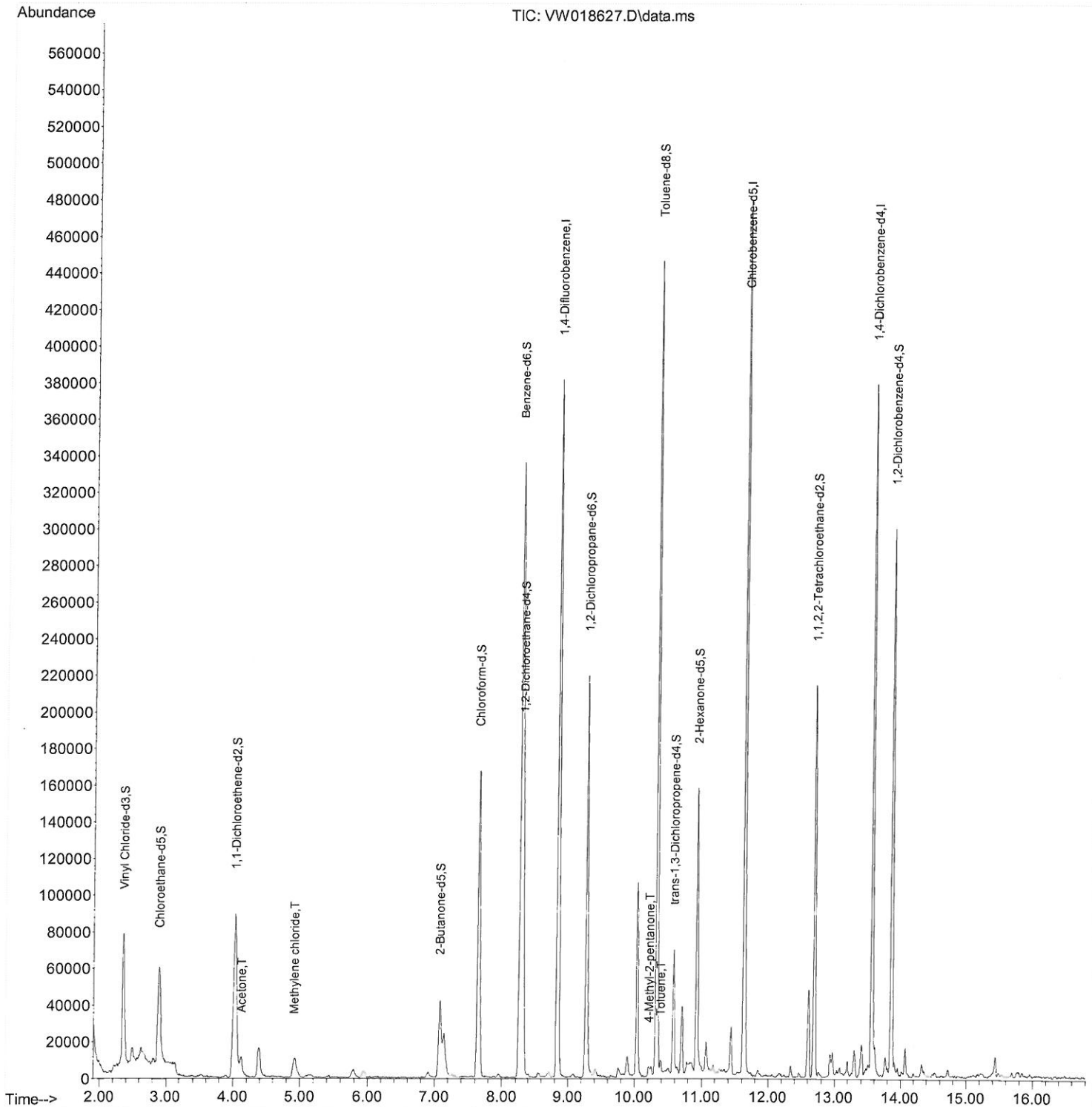
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041221\
Data File : VW018627.D
Acq On : 12 Apr 2021 16:58
Operator : SY/VA
Sample : M2011-13
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG793

Manual Integrations
APPROVED

MMDadoda
4/19/2021 11:48:15 AM

Quant Time: Apr 13 02:00:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 13 01:58:31 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

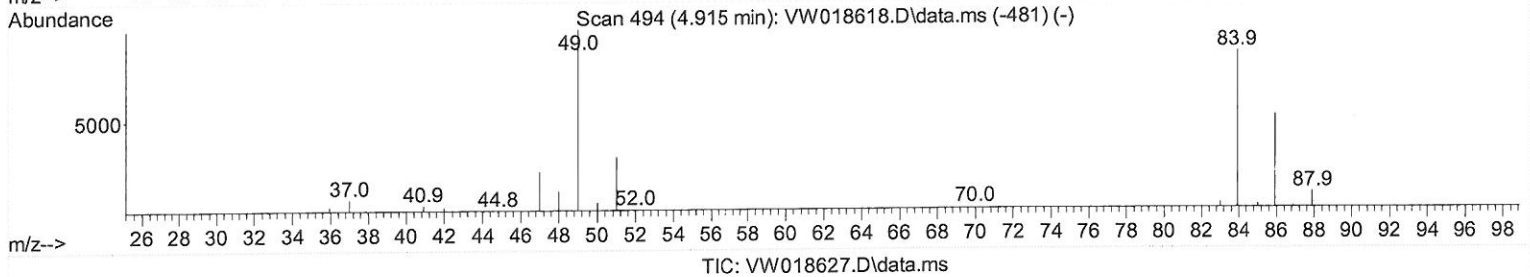
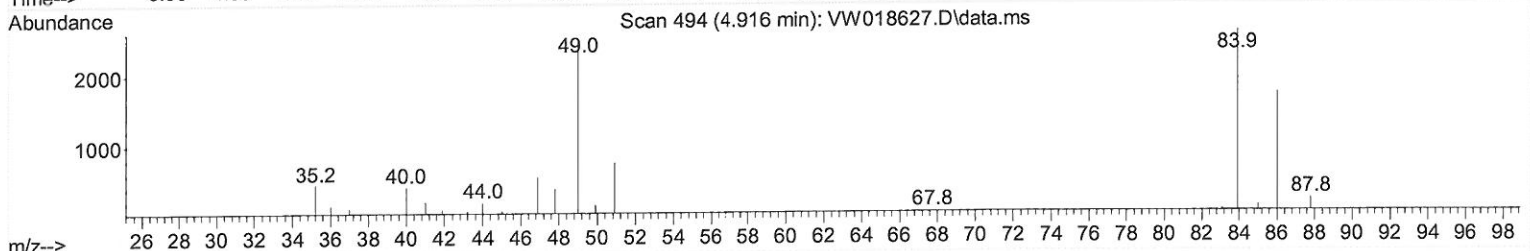
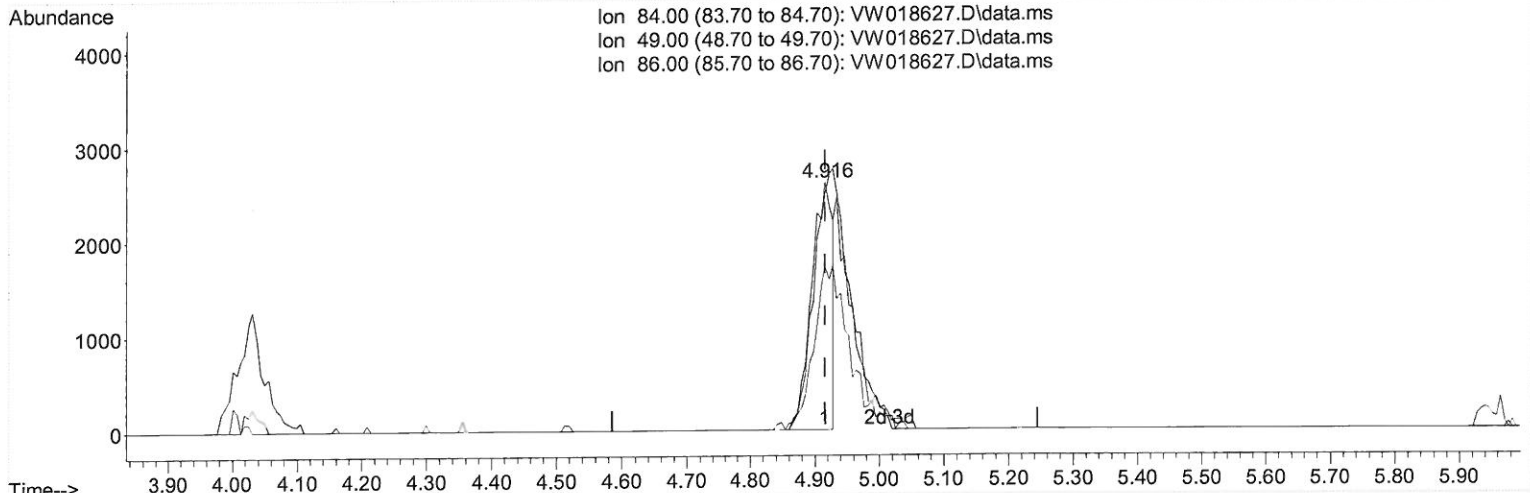
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(16) Methylene chloride (T)

4.916min (+ 0.000) 1.07 ug/L

response 5560

Ion	Exp%	Act%
84.00	100.00	100.00
49.00	106.30	95.47
86.00	65.90	66.16
0.00	0.00	0.00

Quantitation Report (Qedit)

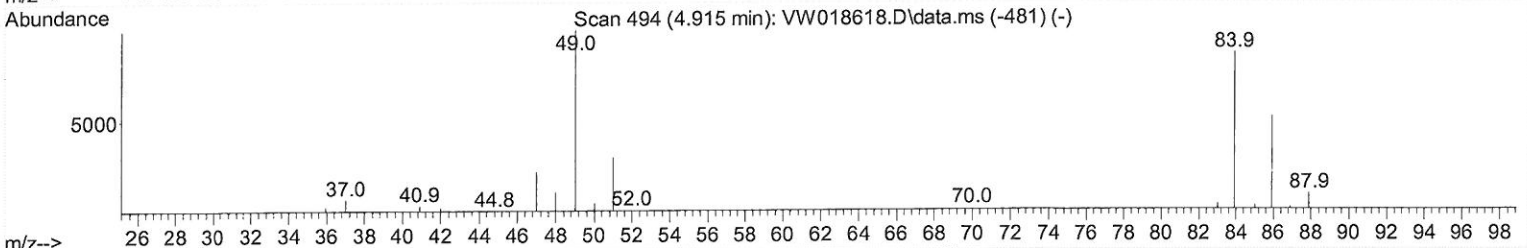
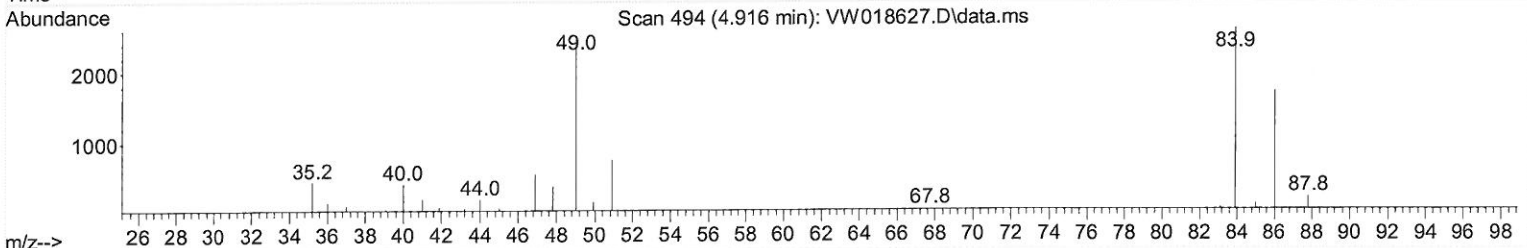
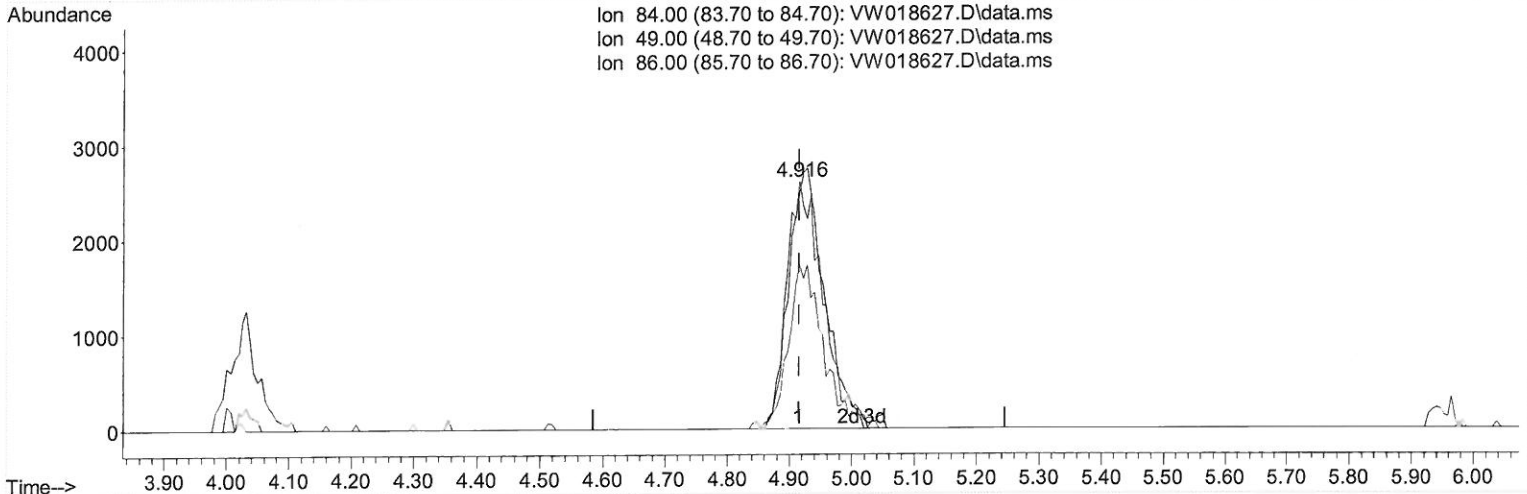
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TIC: VW018627.D\data.ms

(16) Methylene chloride (T)

4.916min (+ 0.000) 1.95 ug/L m

response 10146

Ion Exp% Act%

84.00 100.00 100.00

49.00 106.30 95.47

86.00 65.90 66.16

0.00 0.00 0.00

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 4/14/21

Quantitation Report (Qedit)

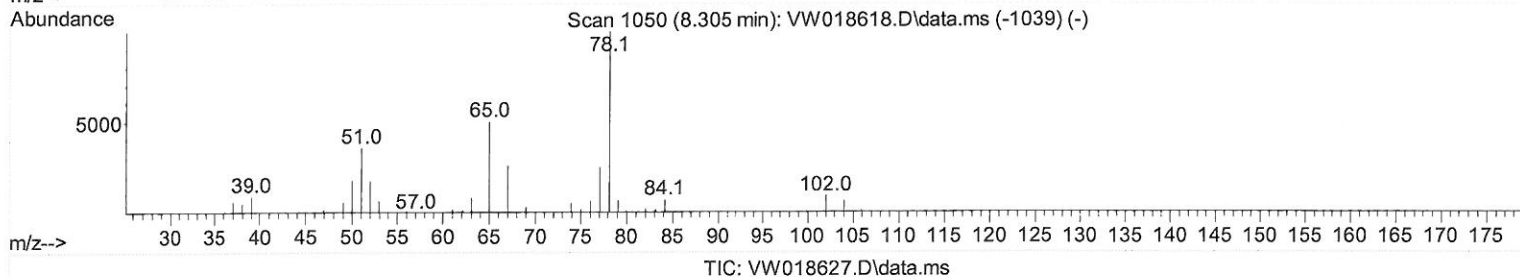
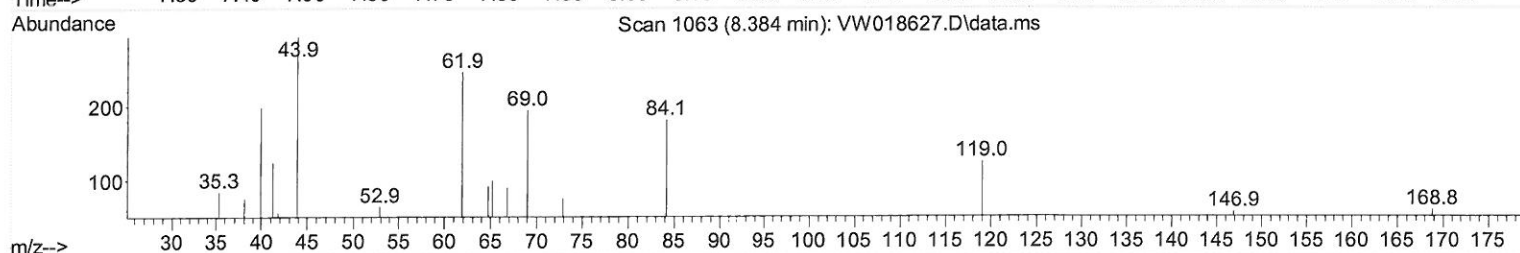
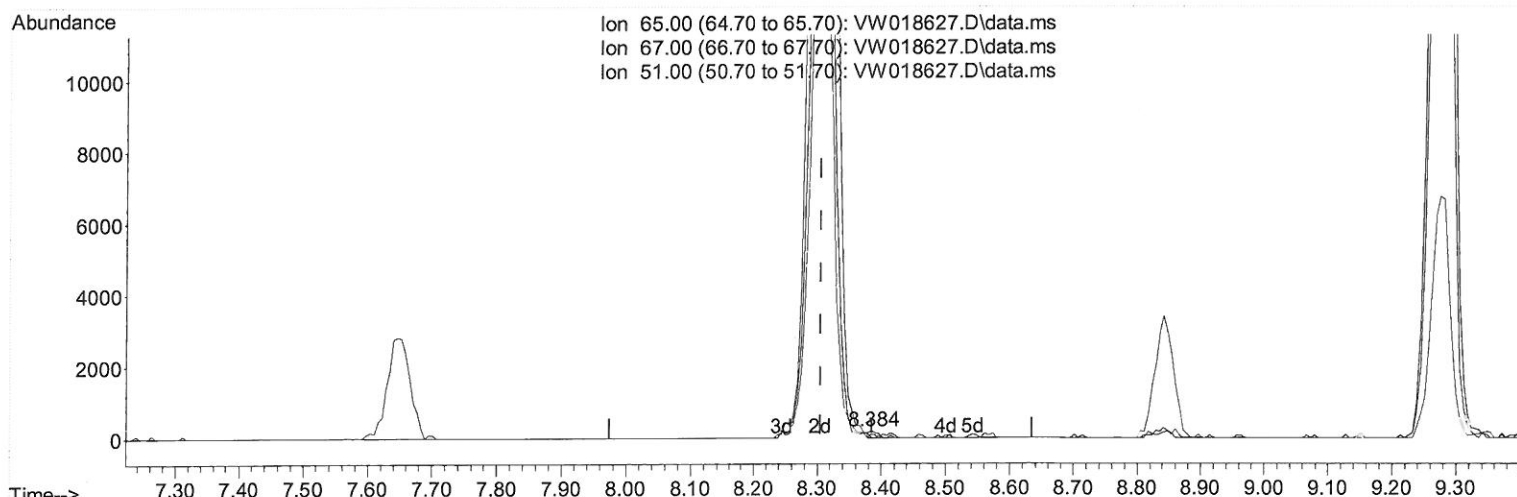
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ALS Vial : 12 Sample Multiplier: 1

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

8.384min (+ 0.079) 0.03 ug/L

response 157

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	40.13
51.00	87.20	62.42
0.00	0.00	0.00

Quantitation Report (Qedit)

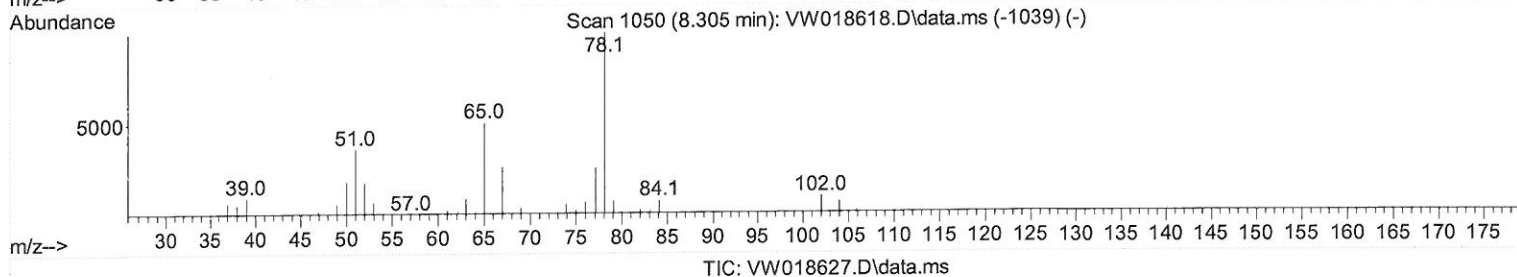
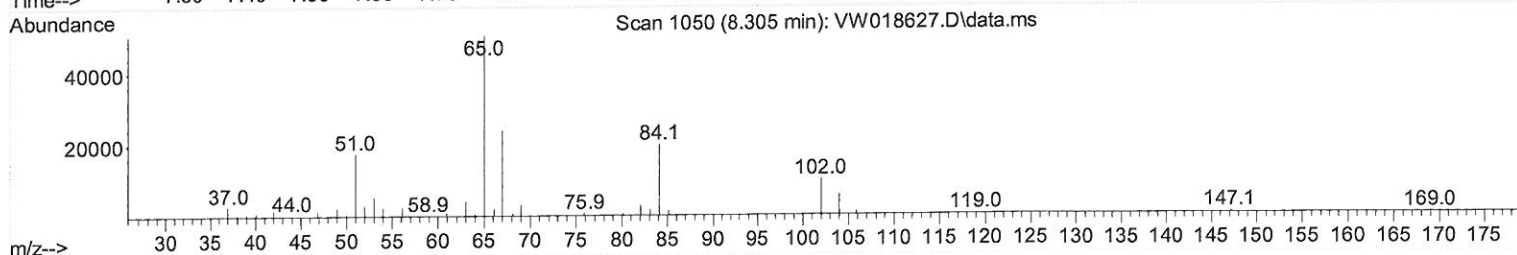
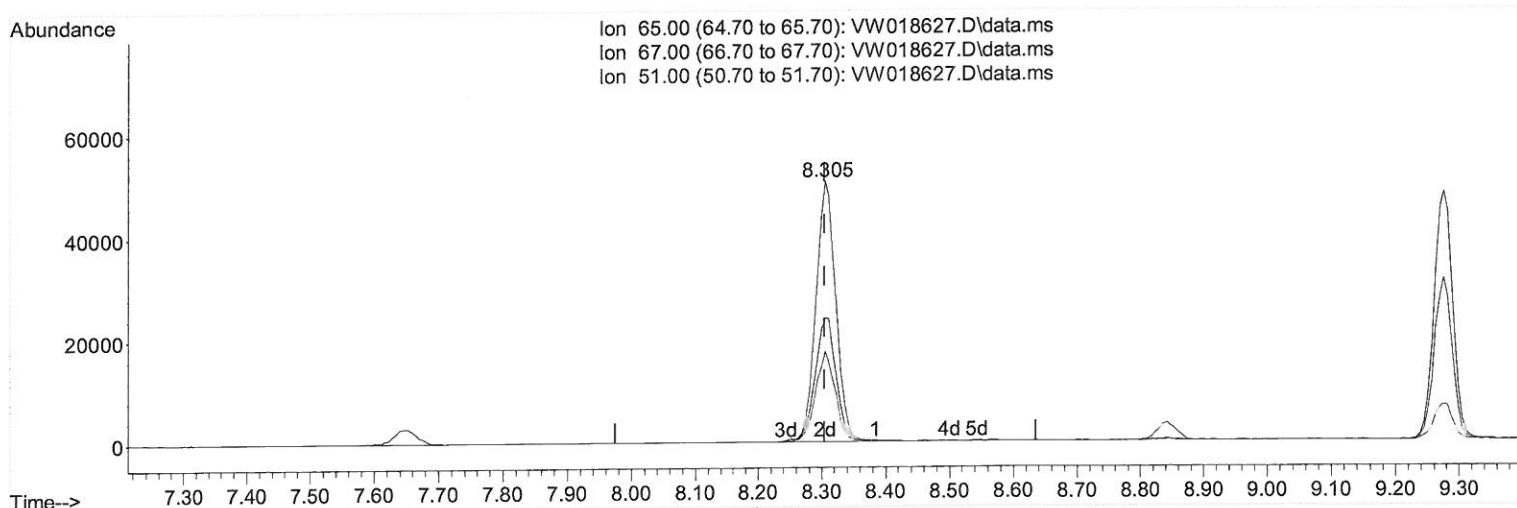
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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(26) 1,2-Dichloroethane-d4 (S)

8.305min (+ 0.000) 23.30 ug/L m

response 109749

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	0.06#
51.00	87.20	0.09#
0.00	0.00	0.00

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4/14/21

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 Operator : SY/VA
 Sample : M2011-13
 Misc : 5.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG793

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	316852	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	258970	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	93537	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	94528	21.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.76%		
7) Chloroethane-d5	2.898	69	74502	19.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.20%		
10) 1,1-Dichloroethene-d2	4.026	63	104009	13.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	54.64%		
20) 2-Butanone-d5	7.074	46	70692	72.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	144.02%#		
24) Chloroform-d	7.647	84	169637	21.02	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.08%		
26) 1,2-Dichloroethane-d4	8.305	65	109749m	23.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.20%		
29) Benzene-d6	8.275	84	325288	23.63	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.52%		
33) 1,2-Dichloropropane-d6	9.275	67	98534	24.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.24%		
37) Toluene-d8	10.323	98	293945	22.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.68%		
38) trans-1,3-Dichloroprop...	10.579	79	35689	17.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.72%		
39) 2-Hexanone-d5	10.927	63	53316	68.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.20%#		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	101422	28.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	75196	22.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.44%		
Target Compounds						
13) Acetone	4.123	43	15216	21.58	ug/L	98
16) Methylene chloride	4.916	84	10146m	1.95	ug/L	
43) 4-Methyl-2-pentanone	10.213	43	3663	1.66	ug/L #	67
44) Toluene	10.384	91	5845	0.34	ug/L	90

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

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