

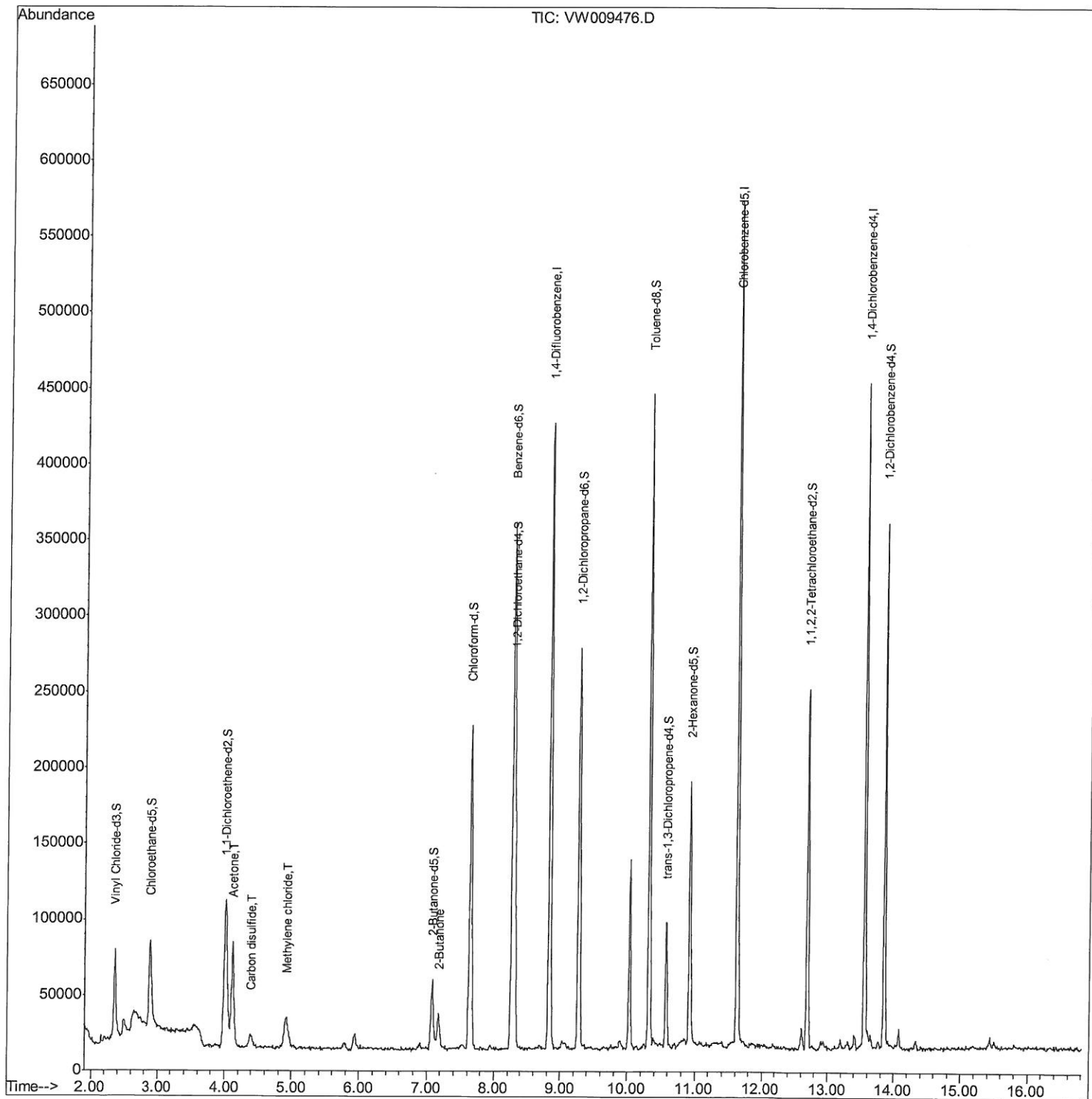
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009476.D
Acq On : 26 Mar 2019 21:21
Operator : SY/VA
Sample : K2068-02
Misc : 5.26G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M1

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:37:10 PM

Quant Time: Mar 27 08:35:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 08:01:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

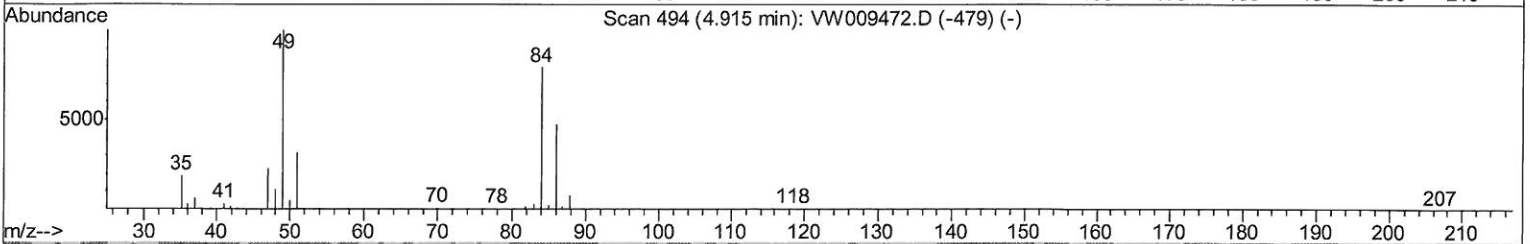
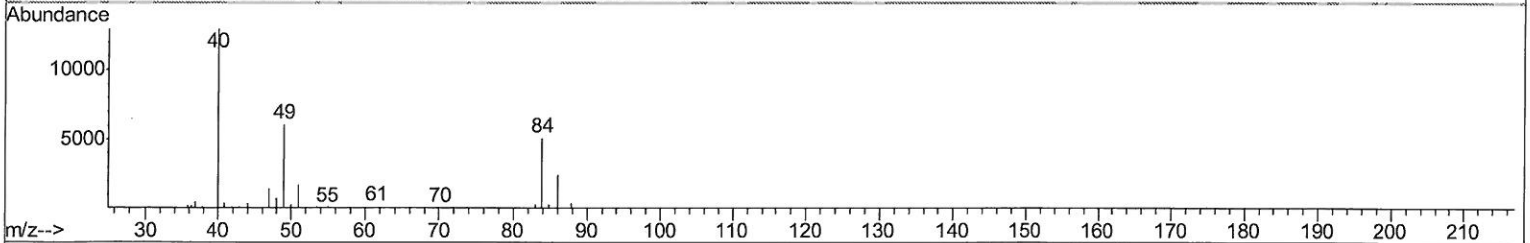
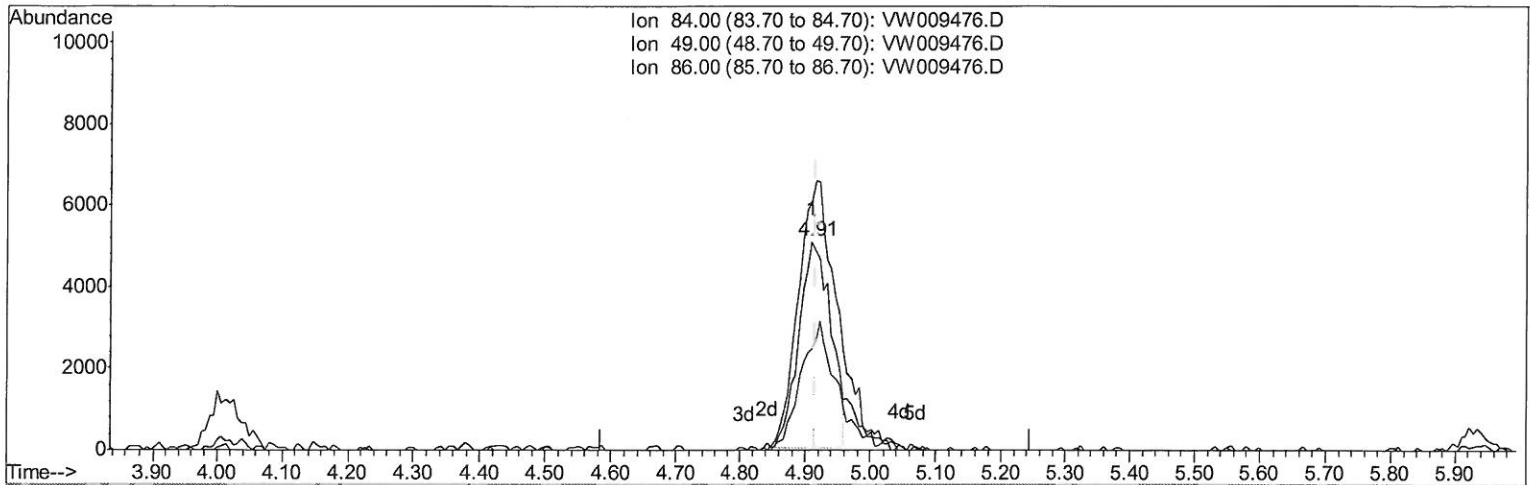
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TIC: VW009476.D

(16) Methylene chloride (T)

4.910min (-0.006) 3.65ug/L

response 17285

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	118.88
86.00	63.50	48.11
0.00	0.00	0.00

Quantitation Report (Qedit)

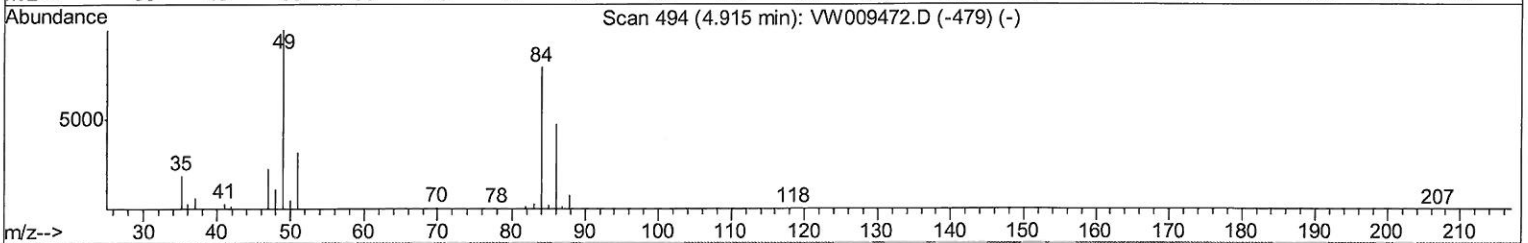
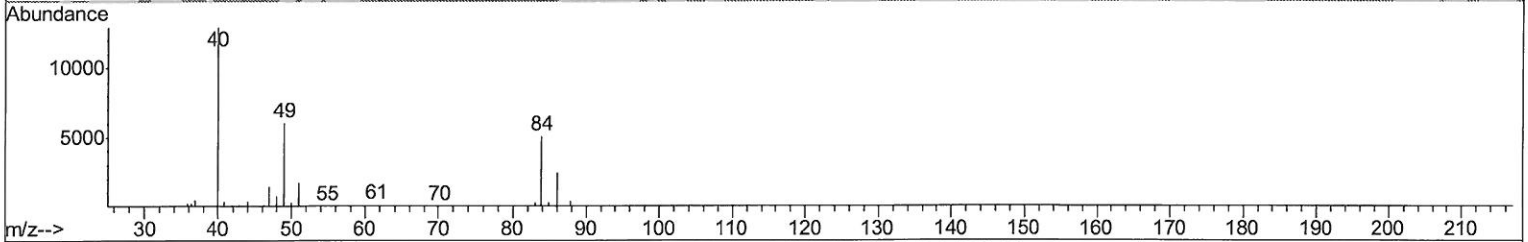
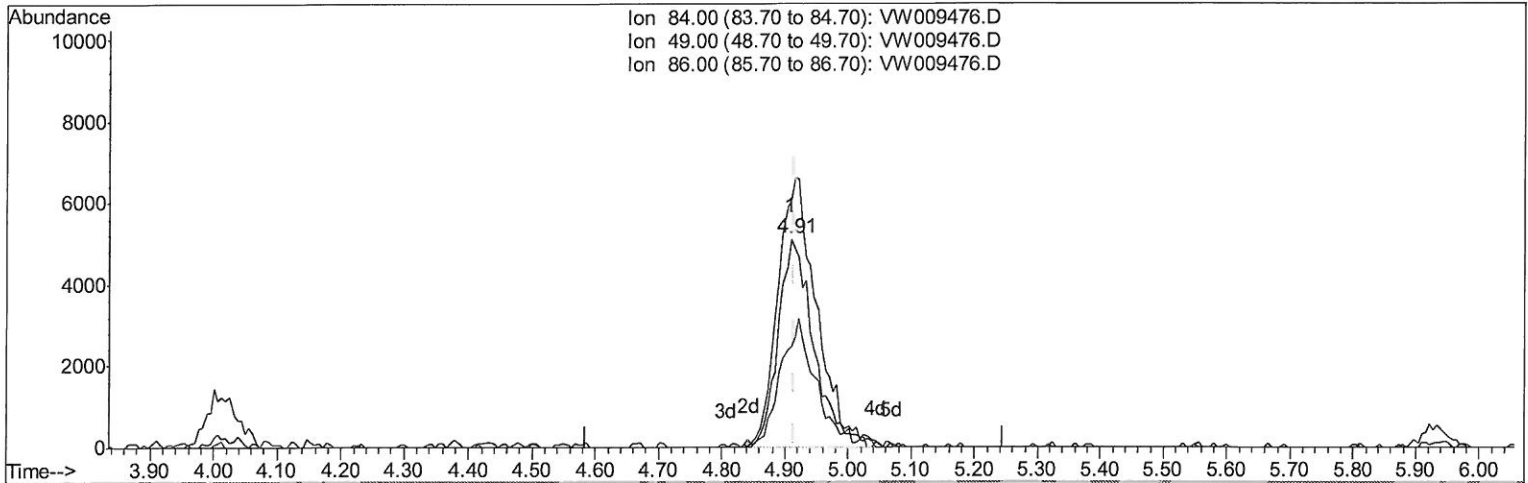
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TIC: VW009476.D

(16) Methylene chloride (T)

4.910min (-0.006) 4.21ug/L m

response 19953

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	118.88
86.00	63.50	48.11
0.00	0.00	0.00

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Quantitation Report (Qedit)

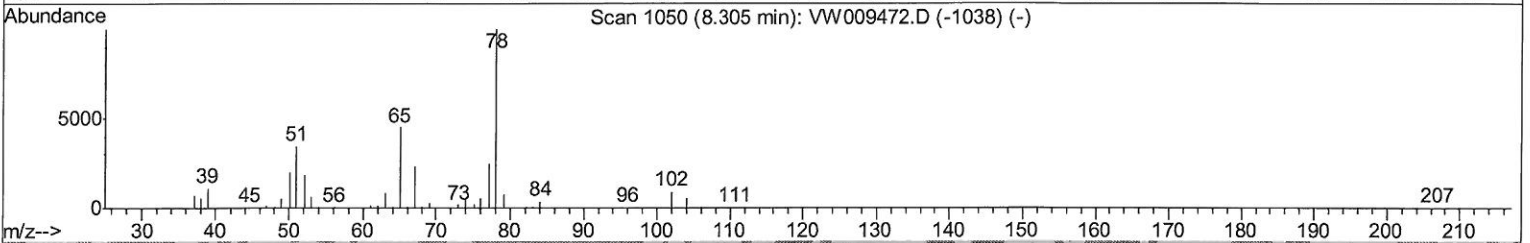
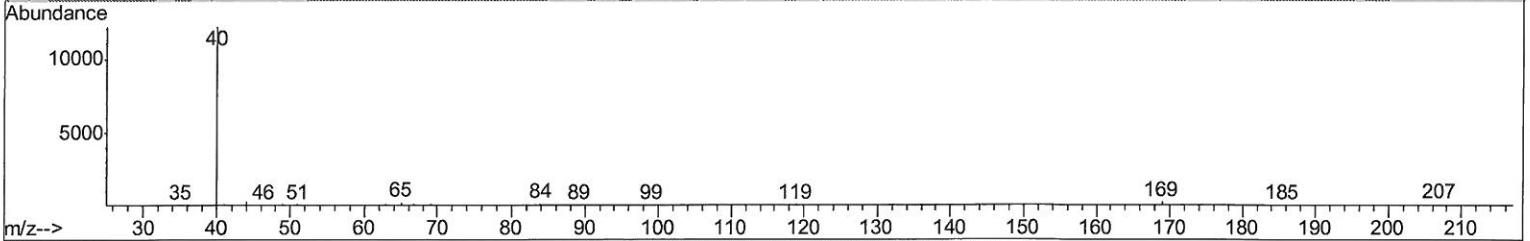
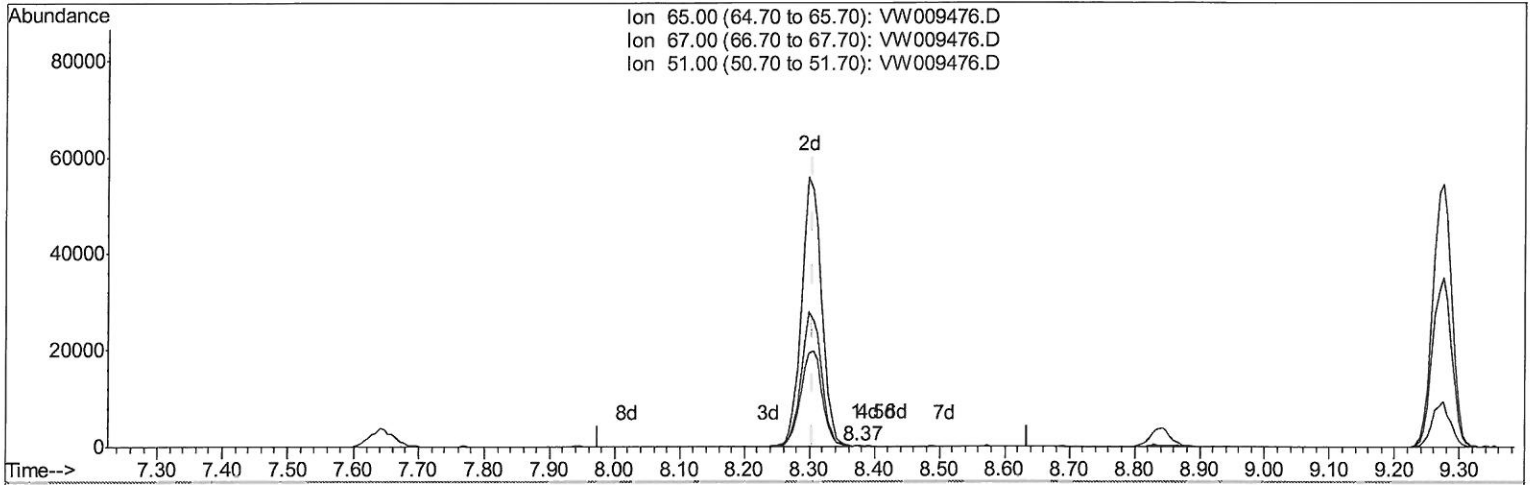
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TIC: VW009476.D

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

8.372min (+0.067) 0.03ug/L

response 173

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	63.01
51.00	97.70	72.25
0.00	0.00	0.00

Quantitation Report (Qedit)

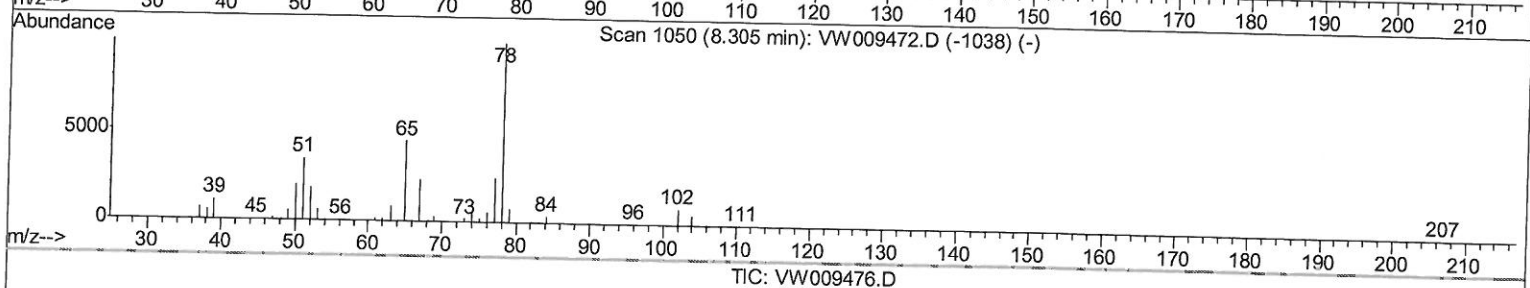
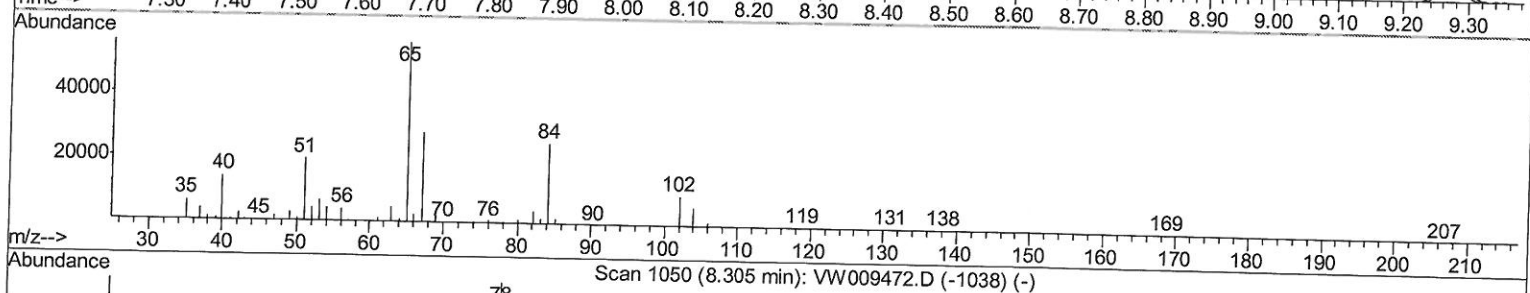
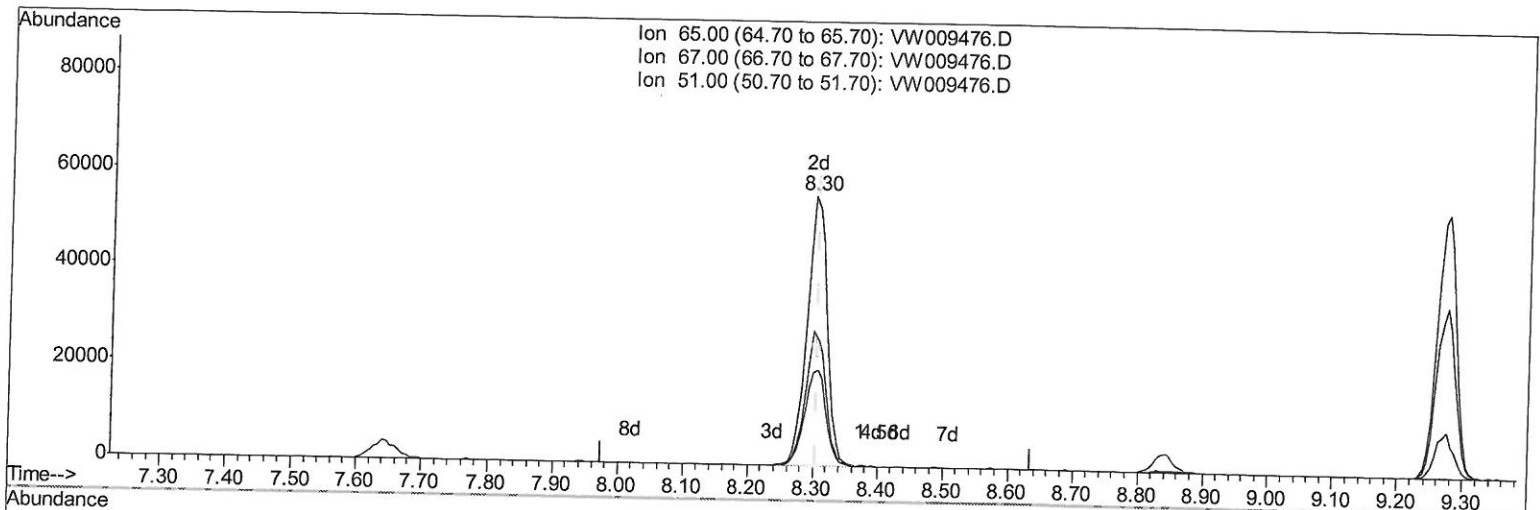
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(26) 1,2-Dichloroethane-d4 (S)

8.299min (-0.006) 22.36ug/L m

response 119494

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.09#
51.00	97.70	0.10#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	325013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103406	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	72687	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
7) Chloroethane-d5	2.89	69	81679	17.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.88%
10) 1,1-Dichloroethene-d2	4.01	63	119010	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	7.08	46	75672	47.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.22%
24) Chloroform-d	7.65	84	194529	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.30	65	119494m	22.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.44%
29) Benzene-d6	8.27	84	327513	20.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.80%
33) 1,2-Dichloropropane-d6	9.27	67	110364	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.92%
37) Toluene-d8	10.32	98	269750	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.76%
38) trans-1,3-Dichloropropene-	10.58	79	41675	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.84%
39) 2-Hexanone-d5	10.93	63	51536	44.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106042	22.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	85241	21.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.00%

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Target Compounds

Target Compounds					Ovalue
13) Acetone	4.12	43	118871	90.246	ug/L 99
14) Carbon disulfide	4.38	76	11295	1.049	ug/L 99
16) Methylene chloride	4.91	84	19953m	4.210	ug/L
21) 2-Butanone	7.17	43	33608	18.479	ug/L 96

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