

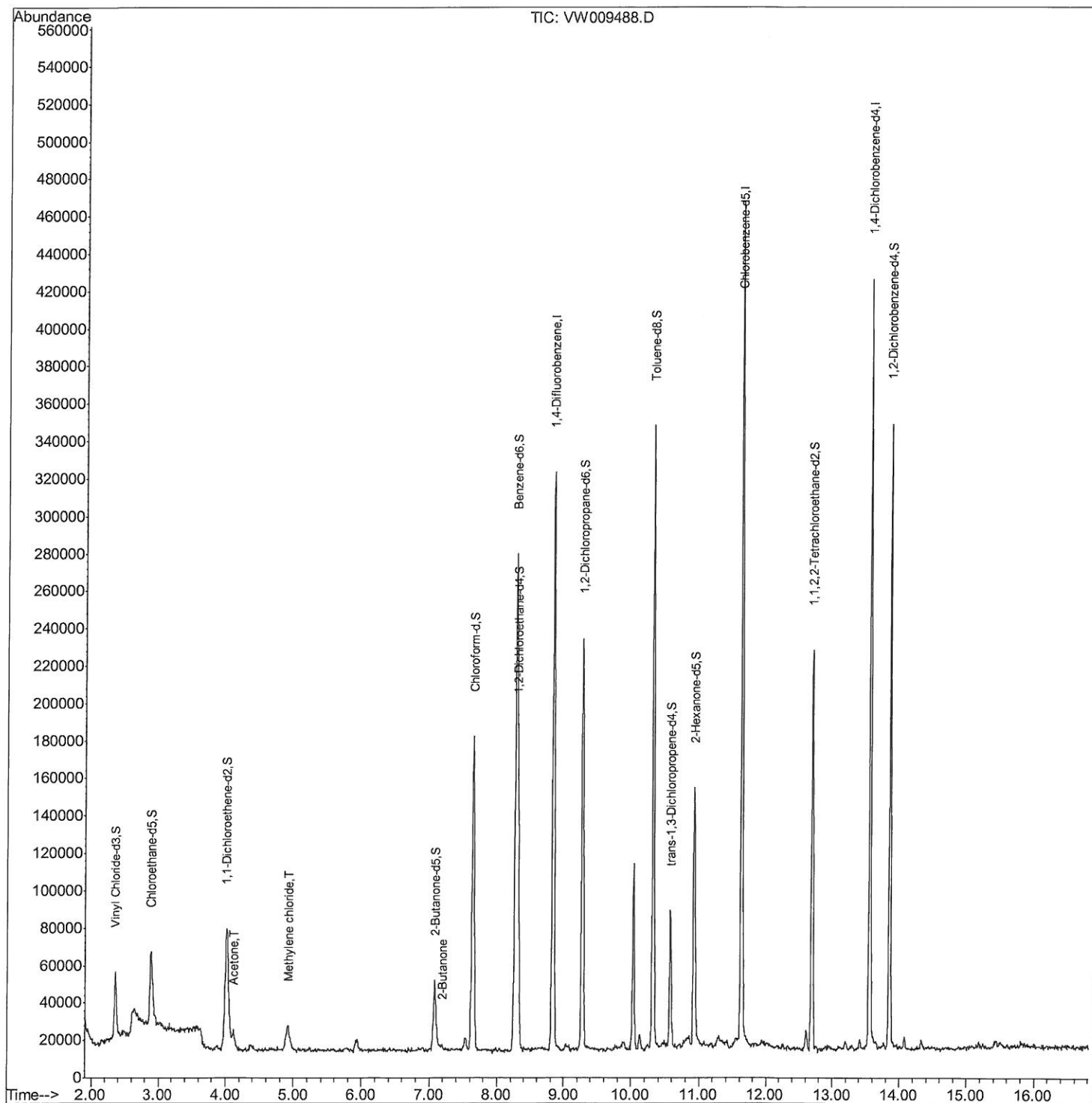
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009488.D
Acq On : 27 Mar 2019 02:49
Operator : SY/VA
Sample : K2068-08
Misc : 5.71G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC98

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:37:39 PM

Quant Time: Mar 27 09:20:23 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)

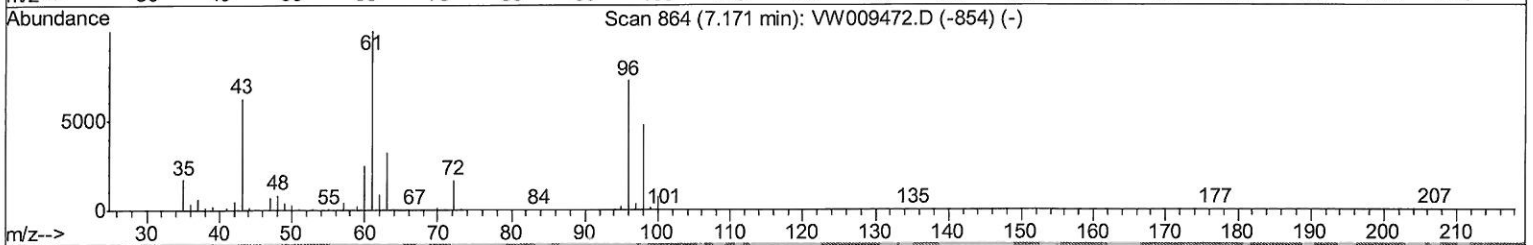
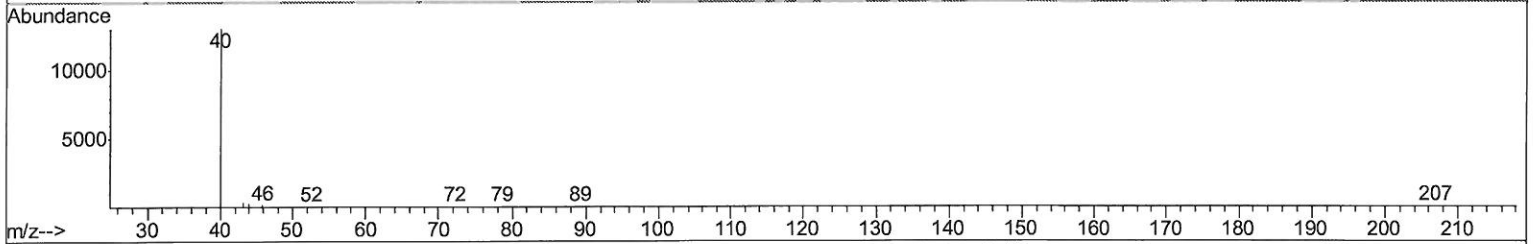
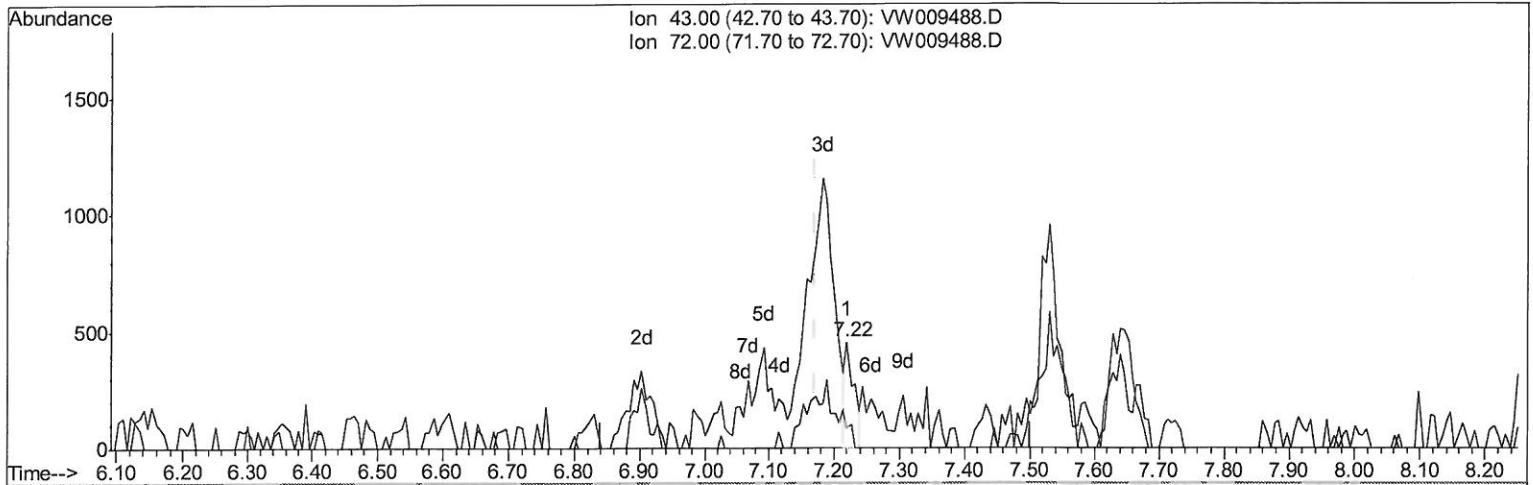
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TIC: VW009488.D

(21) 2-Butanone

7.220min (+0.049) 0.31ug/L

response 419

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	30.31
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

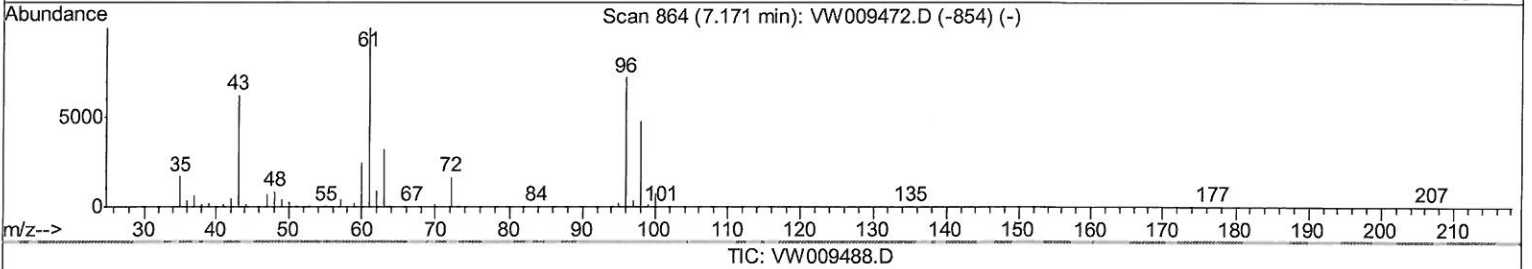
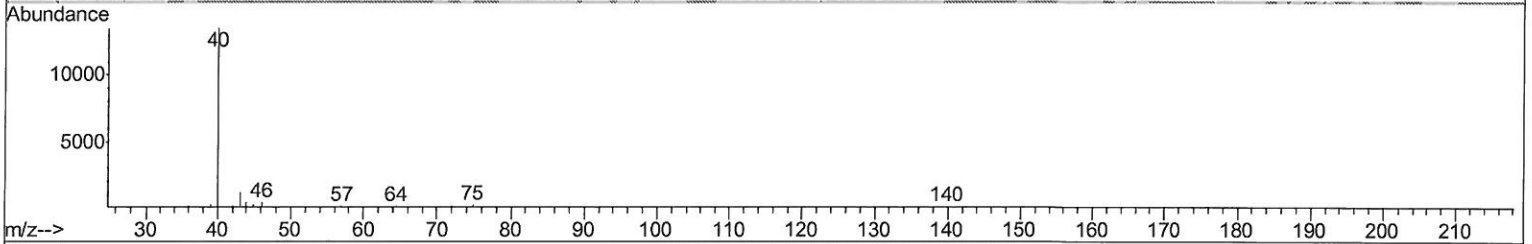
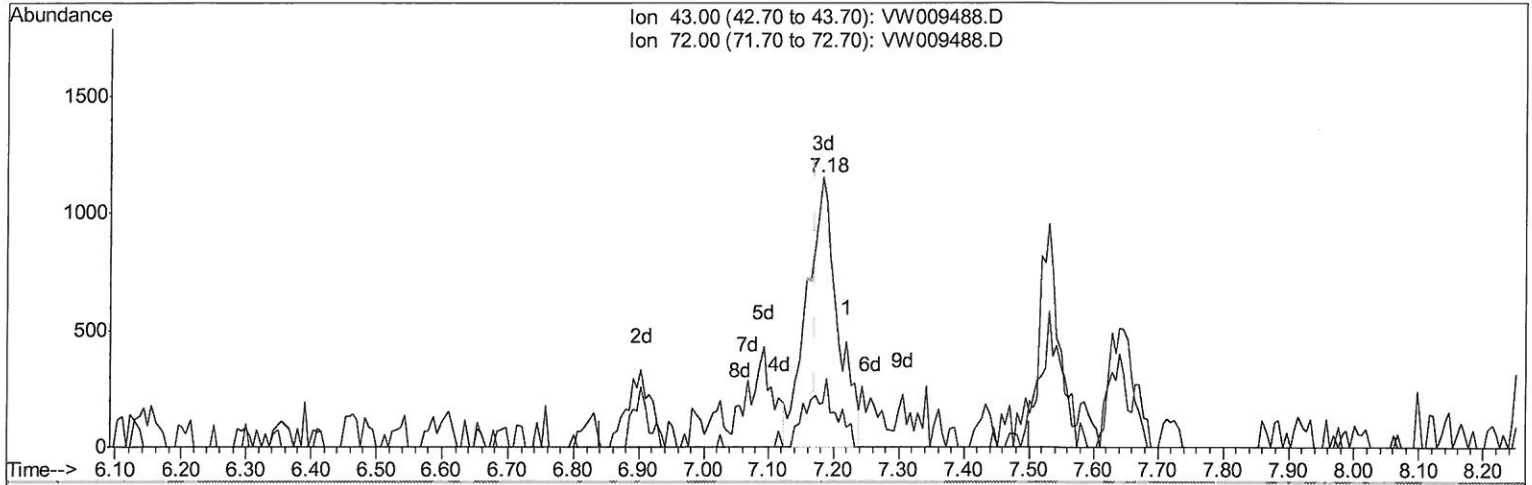
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 ClientSampled :
 BFC98

Manual Integrations
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(21) 2-Butanone

7.183min (+0.012) 2.81ug/L m

response 3781

Ion	Exp%	Act%
43.00	100	100
72.00	26.10	3.36#
0.00	0.00	0.00
0.00	0.00	0.00

Handwritten: 7.183
4/6/11e9

Quantitation Report (Qedit)

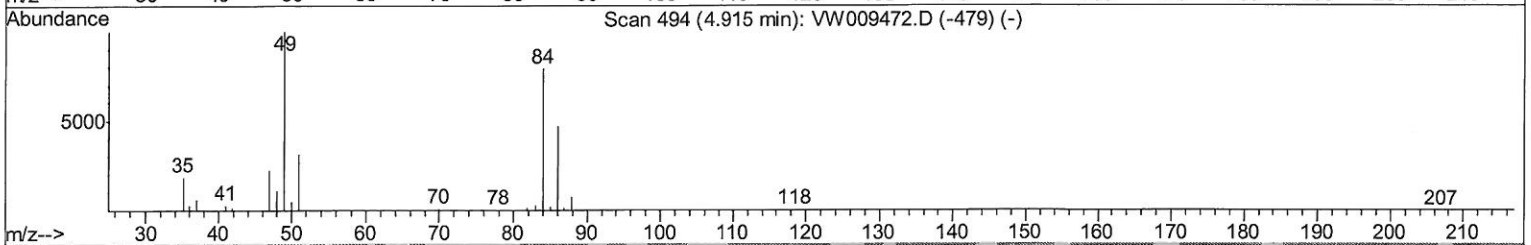
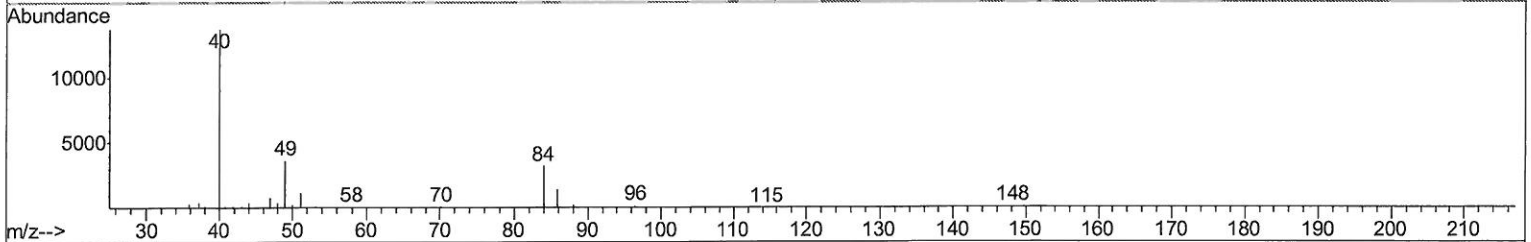
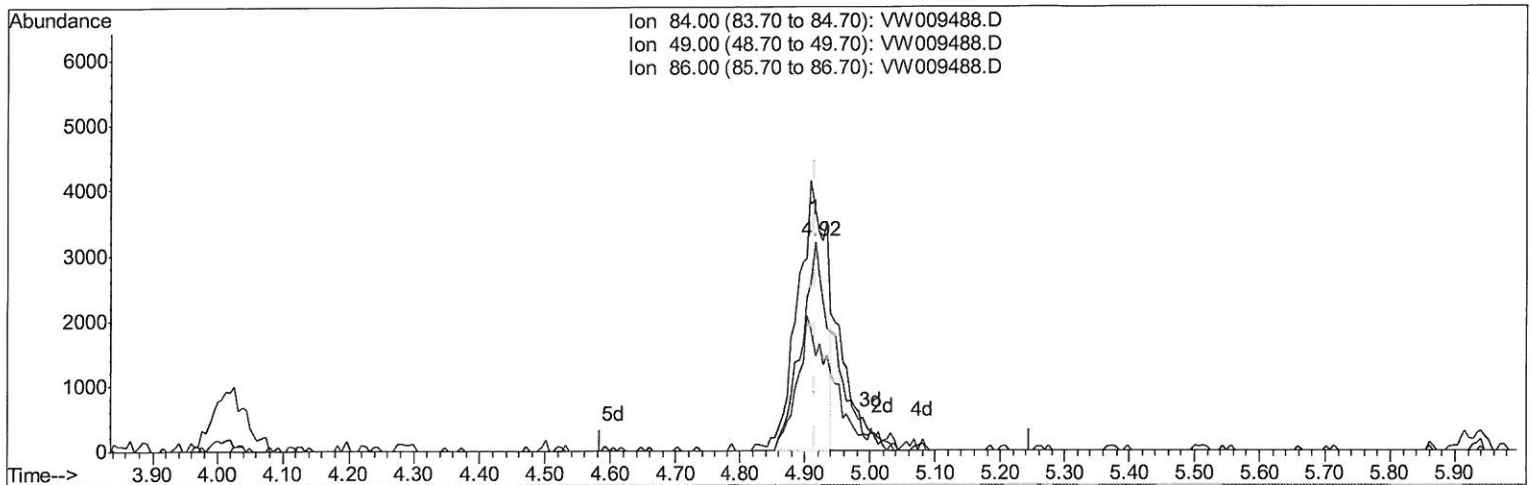
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC98

Manual Integrations
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TIC: VW009488.D

(16) Methylene chloride (T)

4.915min (+0.000) 2.40ug/L

response 8426

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	114.09
86.00	63.50	45.07
0.00	0.00	0.00

Quantitation Report (Qedit)

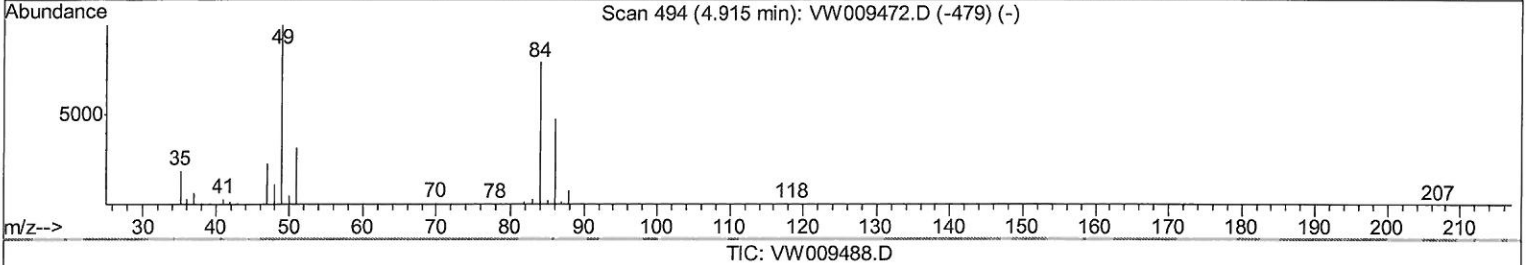
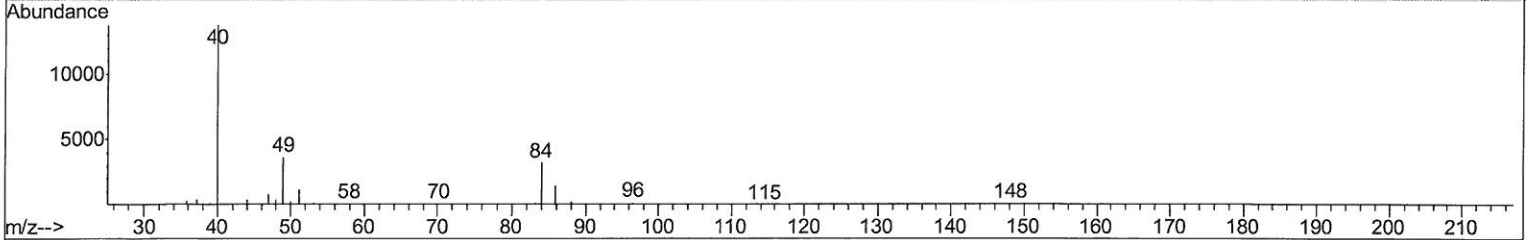
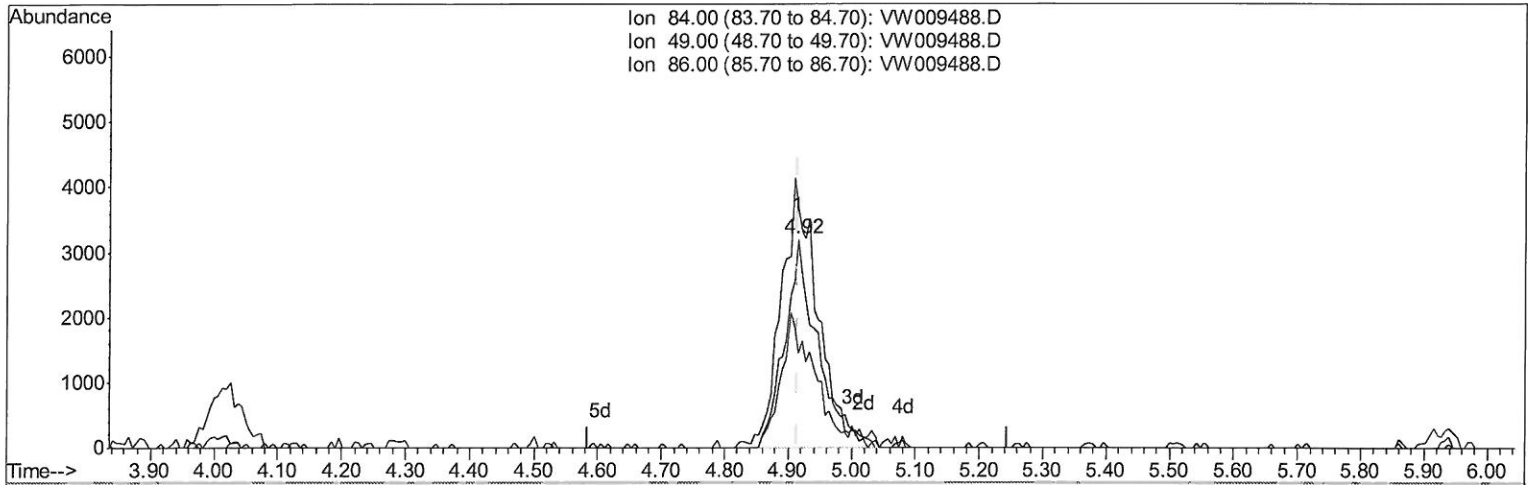
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Manual Integrations
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 Response via : Initial Calibration



(16) Methylene chloride (T)

4.915min (+0.000) 3.27ug/L m

response 11461

Handwritten: 7 MD
 4/6/19

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	114.09
86.00	63.50	45.07
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	240471	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96748	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	47894	16.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.68%
7) Chloroethane-d5	2.89	69	56415	16.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.12%
10) 1,1-Dichloroethene-d2	4.01	63	83396	13.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.72%
20) 2-Butanone-d5	7.07	46	61695	51.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.82%
24) Chloroform-d	7.64	84	155442	23.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.76%
26) 1,2-Dichloroethane-d4	8.31	65	99304	25.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.48%
29) Benzene-d6	8.27	84	250961	19.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.84%
33) 1,2-Dichloropropane-d6	9.27	67	89372	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	10.32	98	210073	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.56%
38) trans-1,3-Dichloropropene-	10.57	79	34539	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.12%
39) 2-Hexanone-d5	10.93	63	38239	40.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93783	24.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	81214	21.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	13458	13.809	ug/L	94
16) Methylene chloride	4.92	84	11461m	3.268	ug/L	
21) 2-Butanone	7.18	43	3781m	2.810	ug/L	

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4/6/19

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