

Quantitation Report (QT/LSC Reviewed)

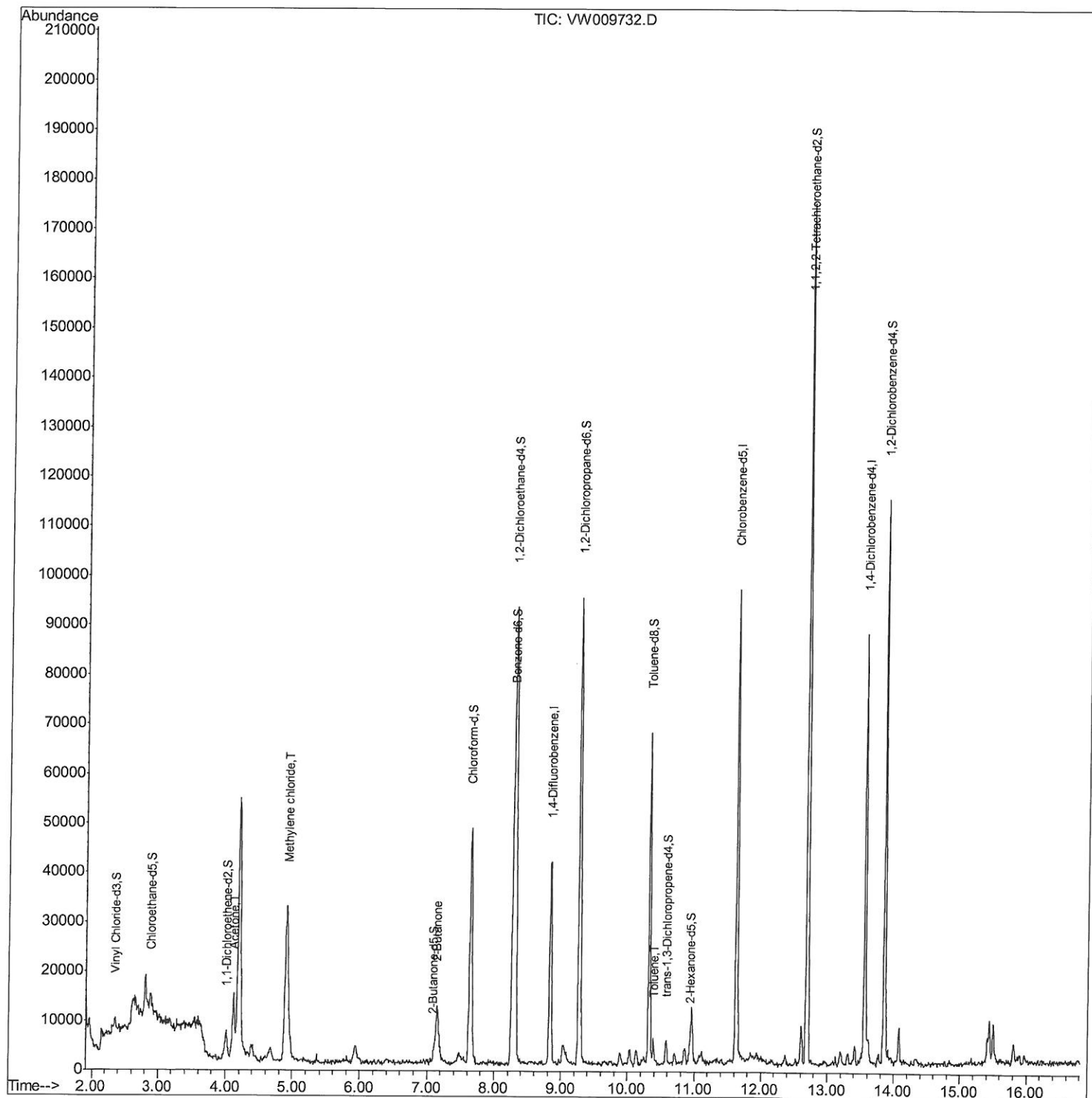
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040519\
 Data File : VW009732.D
 Acq On : 05 Apr 2019 15:02
 Operator : SY/VA
 Sample : K2148-19RE
 Misc : 4.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 Client Sampled :
 BF5G6RE

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:33:02 AM

Quant Time: Apr 06 04:23:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 03:51:49 2019
 Response via : Initial Calibration



Quantitation Report (Qedit)

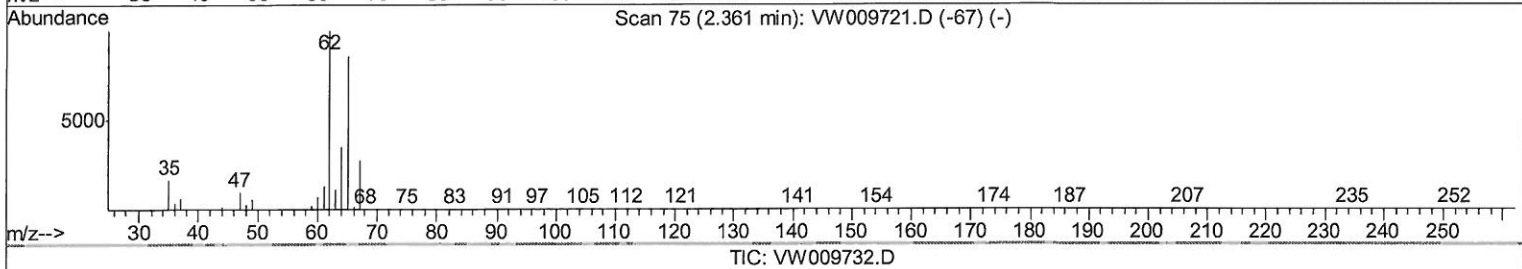
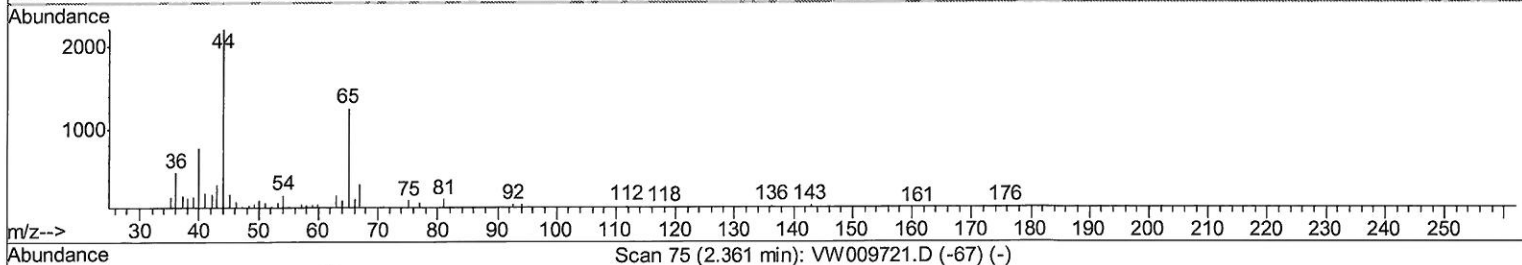
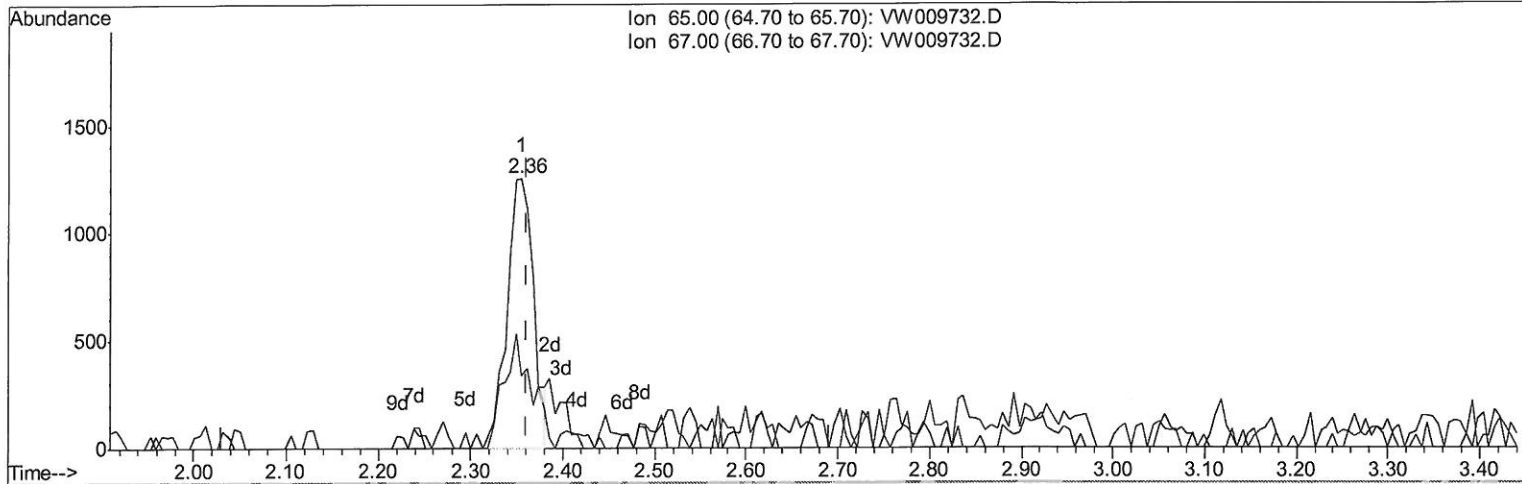
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(4) Vinyl Chloride-d3 (S)

2.355min (-0.006) 5.98ug/L

response 2499

Ion	Exp%	Act%
65.00	100	100
67.00	32.00	36.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

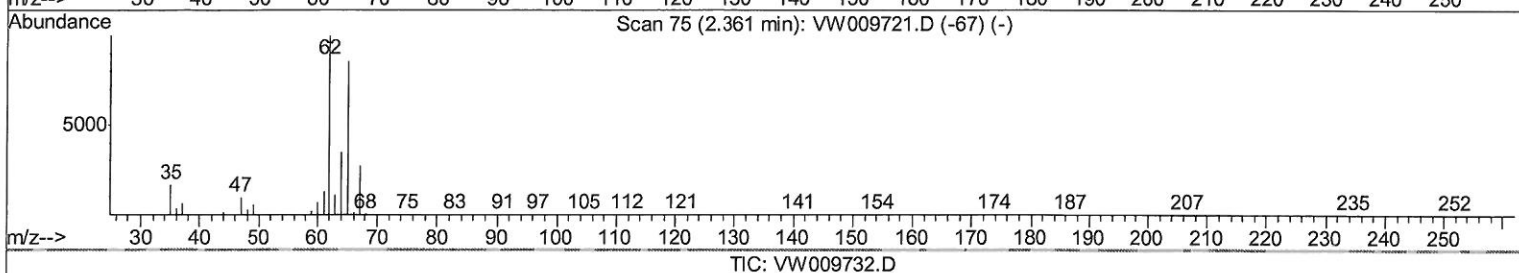
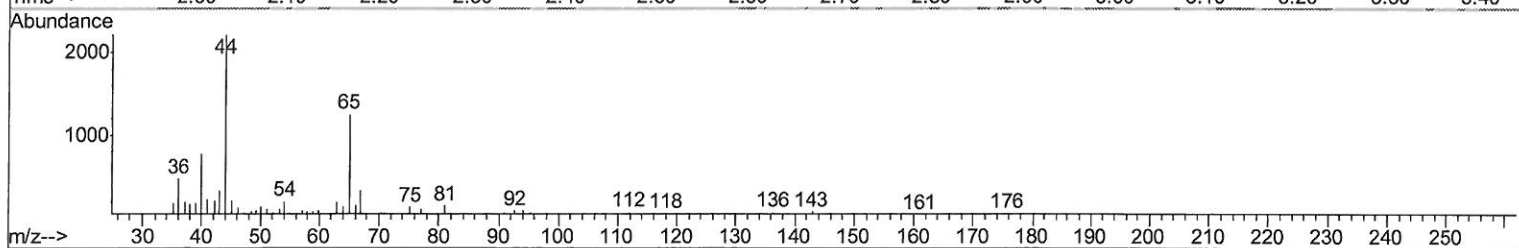
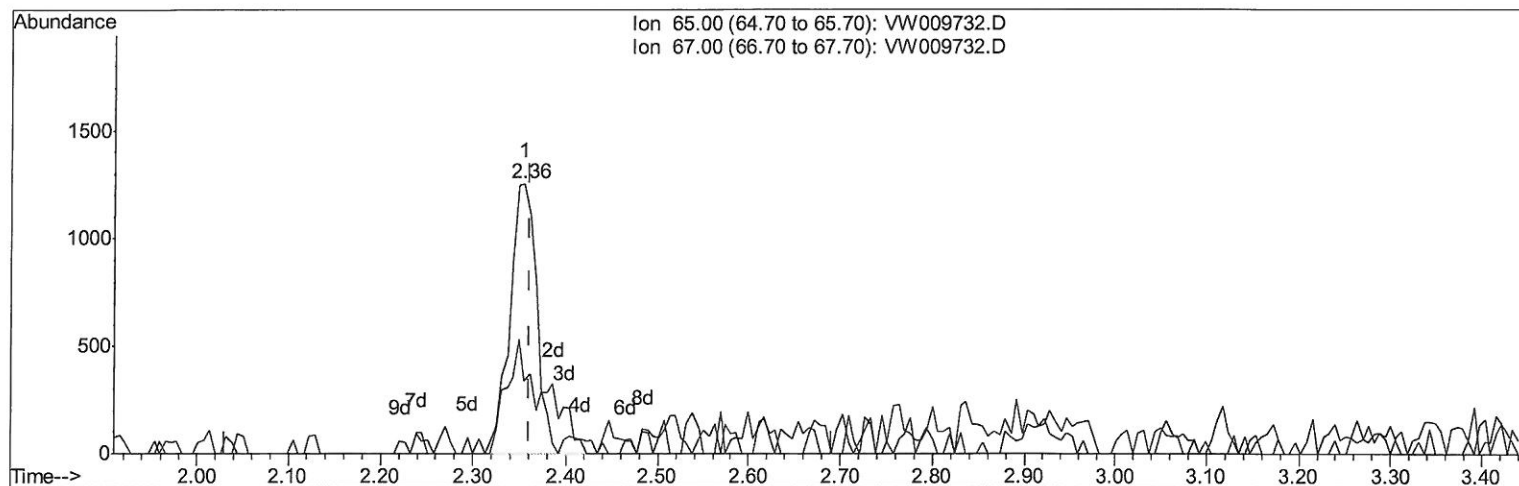
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(4) Vinyl Chloride-d3 (S)

2.355min (-0.006) 6.99ug/L m

response 2923

Ion	Exp%	Act%
65.00	100	100
67.00	32.00	31.41
0.00	0.00	0.00
0.00	0.00	0.00

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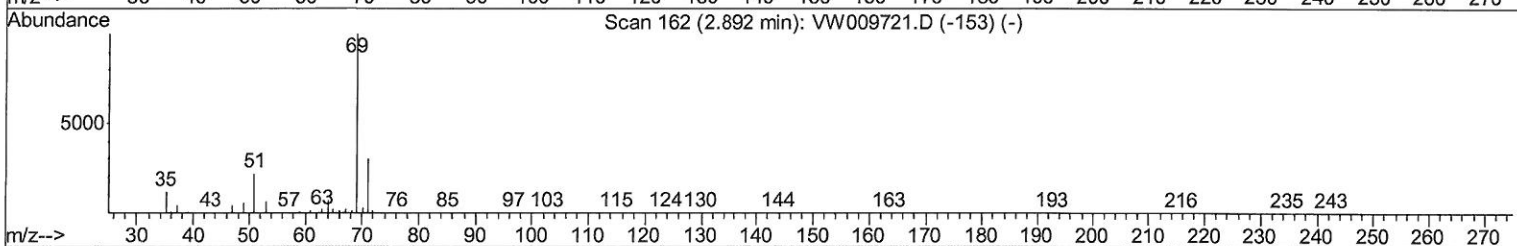
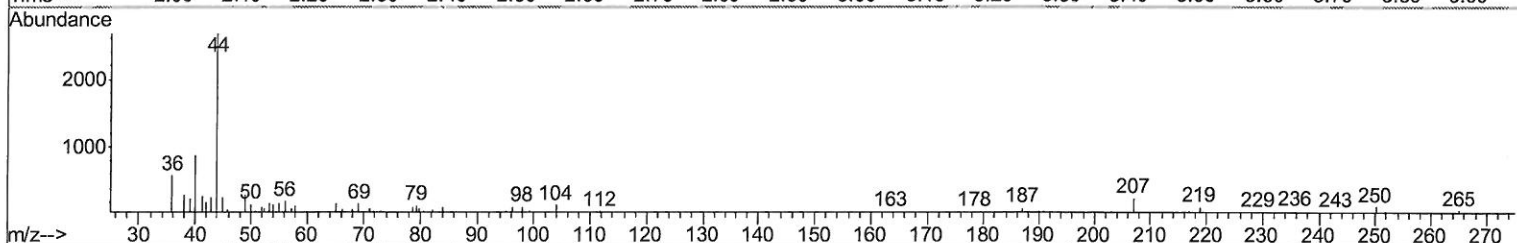
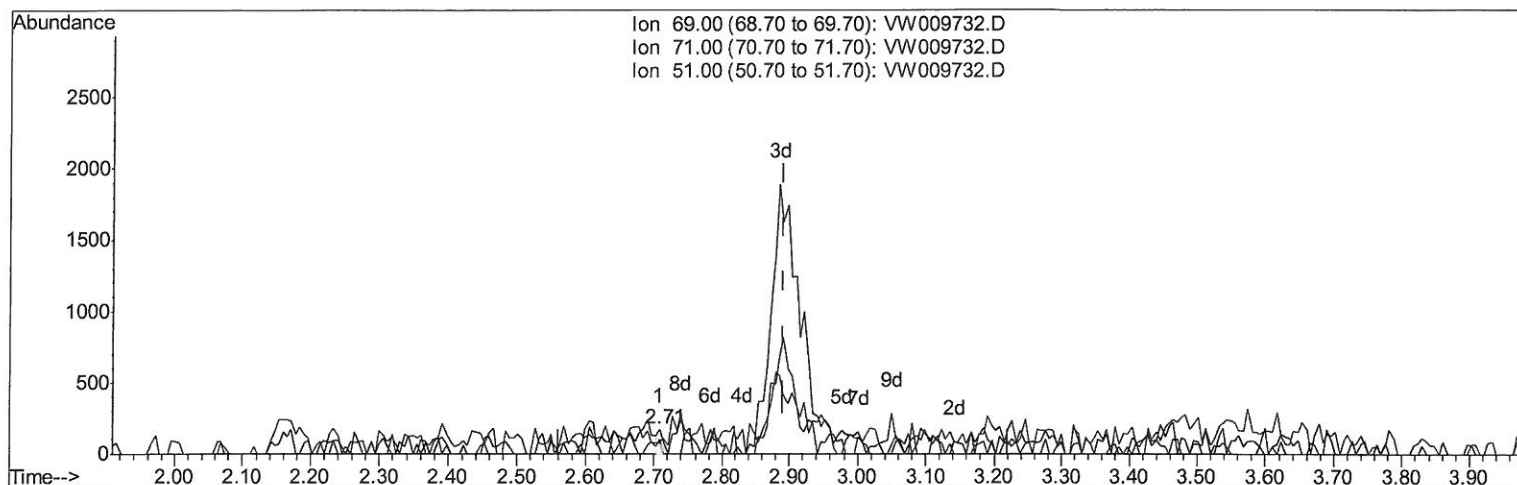
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TIC: VW009732.D

(7) Chloroethane-d5 (S)

2.709min (-0.183) 0.25ug/L

response 94

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 4/13/19

Ion	Exp%	Act%
69.00	100	100
71.00	32.00	39.36
51.00	30.40	24.47
0.00	0.00	0.00

Quantitation Report (Qedit)

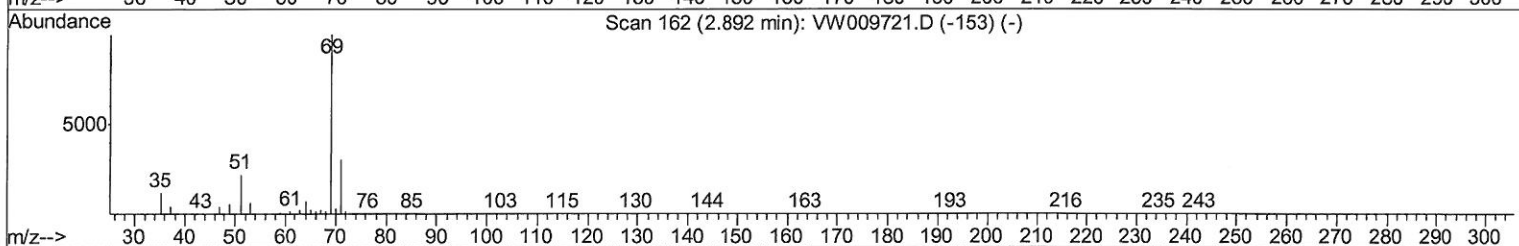
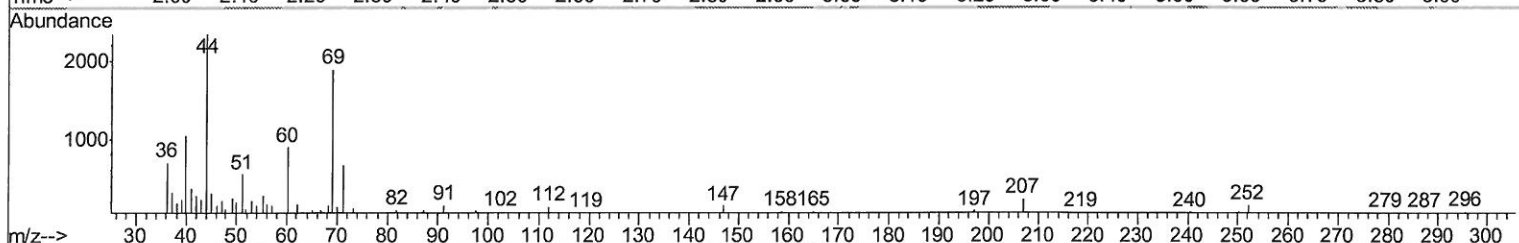
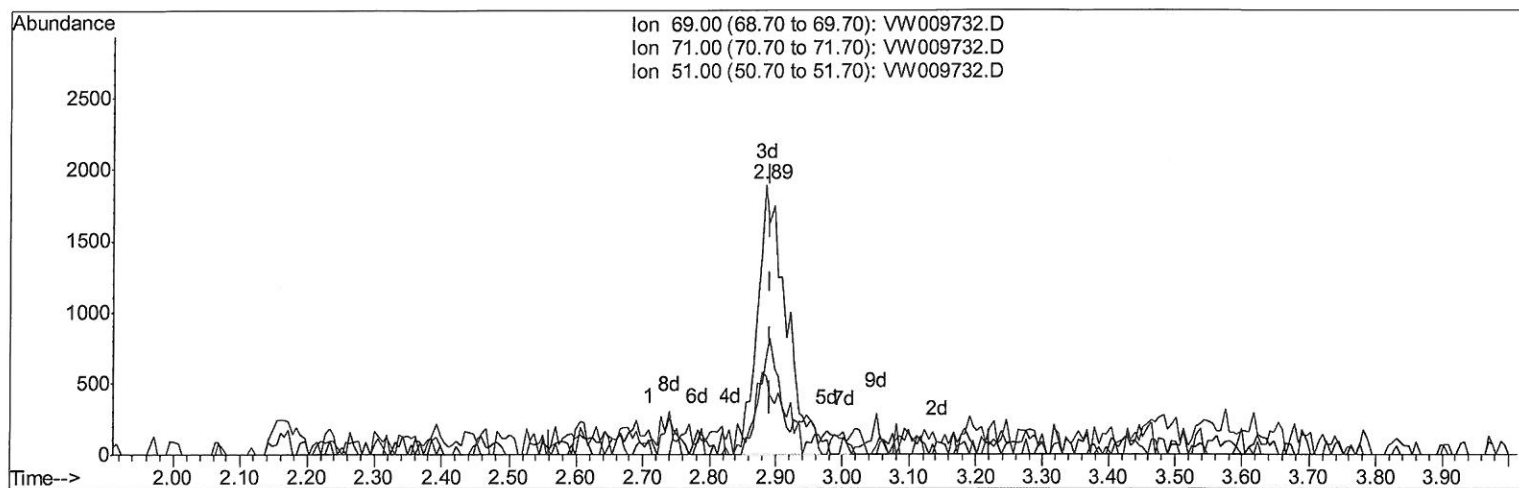
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TIC: VW009732.D

(7) Chloroethane-d5 (S)

2.885min (-0.006) 15.50ug/L m

response 5937

Ion	Exp%	Act%
69.00	100	100
71.00	32.00	0.62#
51.00	30.40	0.39#
0.00	0.00	0.00

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Quantitation Report (Qedit)

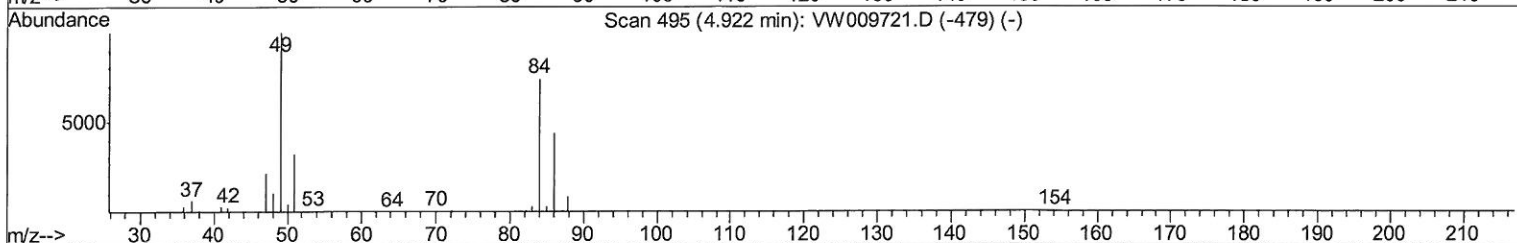
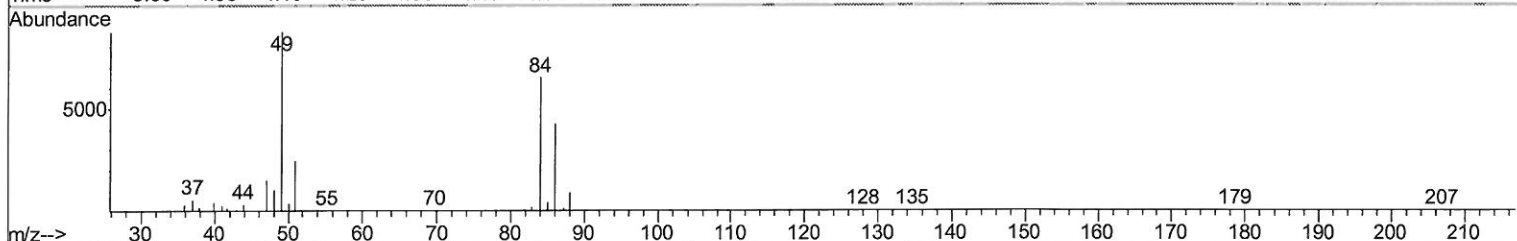
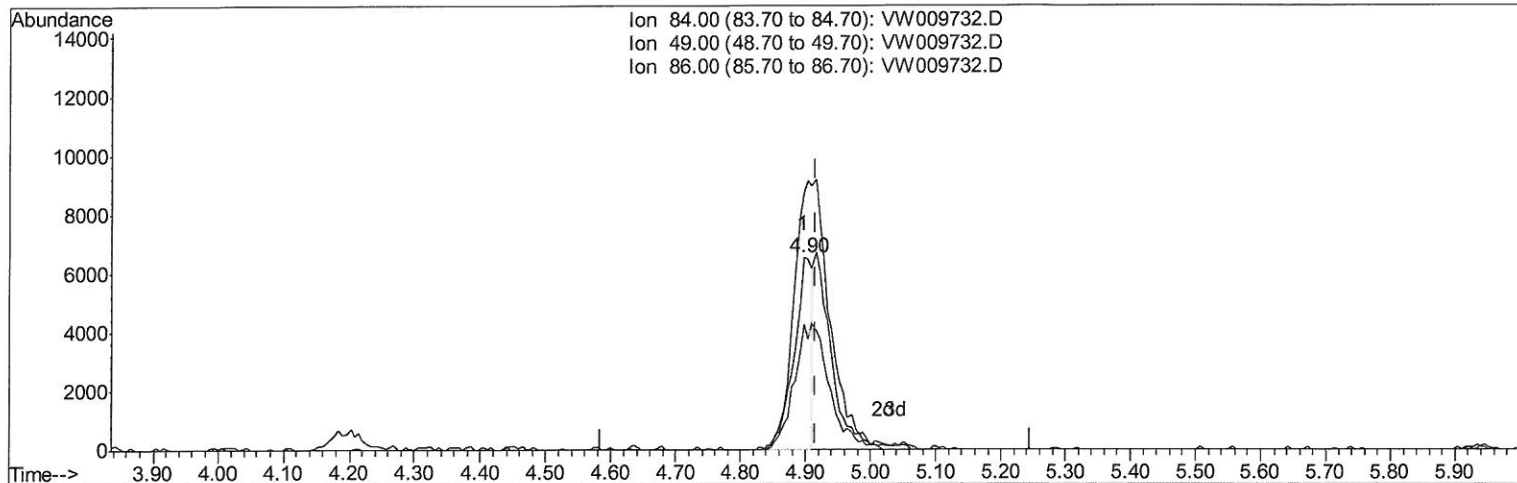
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TIC: VW009732.D

(16) Methylene chloride (T)

4.897min (-0.018) 22.54ug/L

response 12698

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	134.08
86.00	66.30	65.45
0.00	0.00	0.00

Quantitation Report (Qedit)

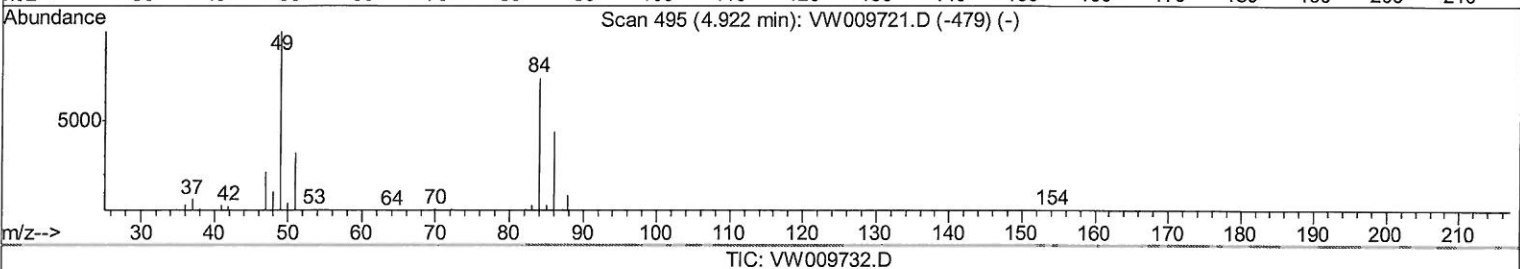
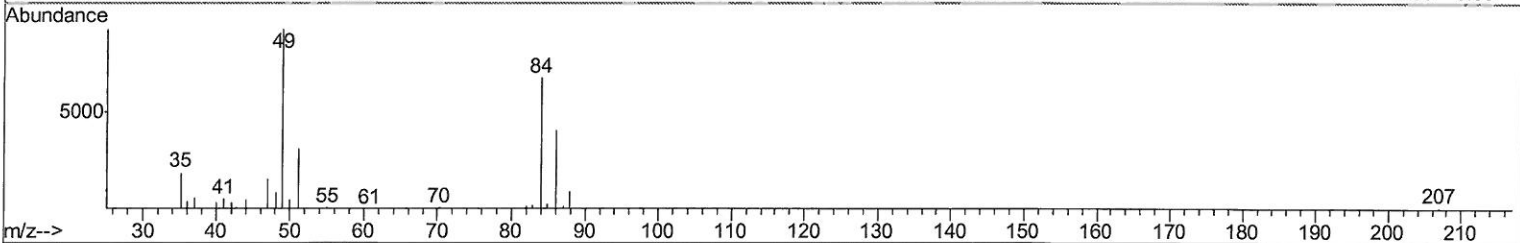
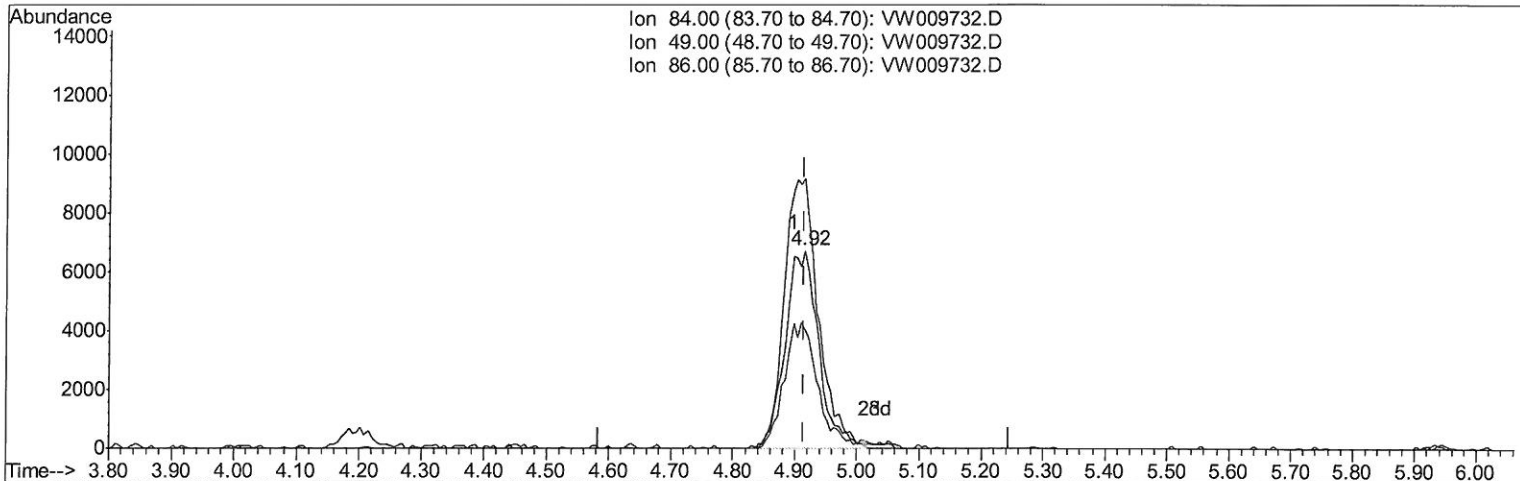
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Instrument :
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 ClientSampleId :
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TIC: VW009732.D

(16) Methylene chloride (T)

4.916min (+0.000) 44.93ug/L m

response 25317

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	136.50
86.00	66.30	60.32
0.00	0.00	0.00

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Quantitation Report (Qedit)

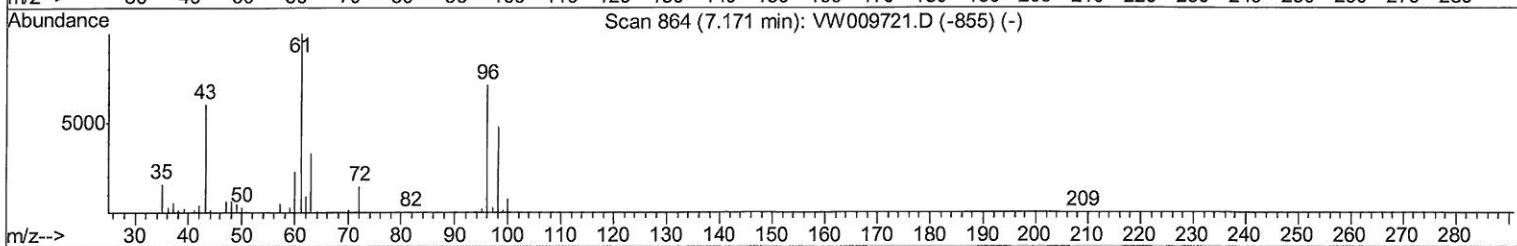
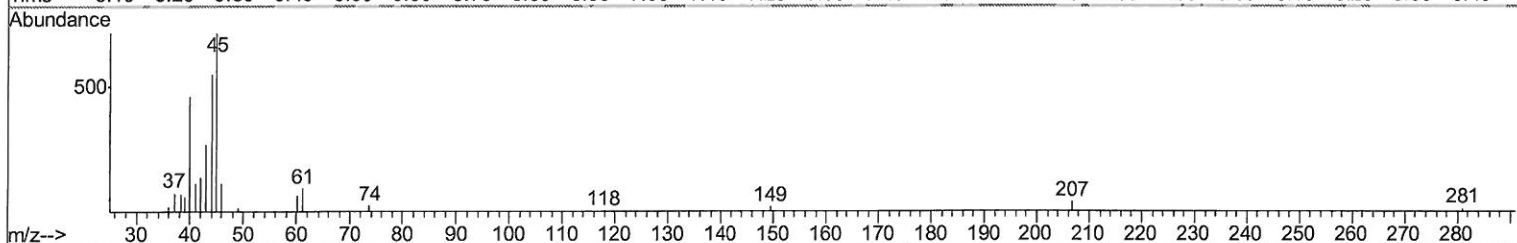
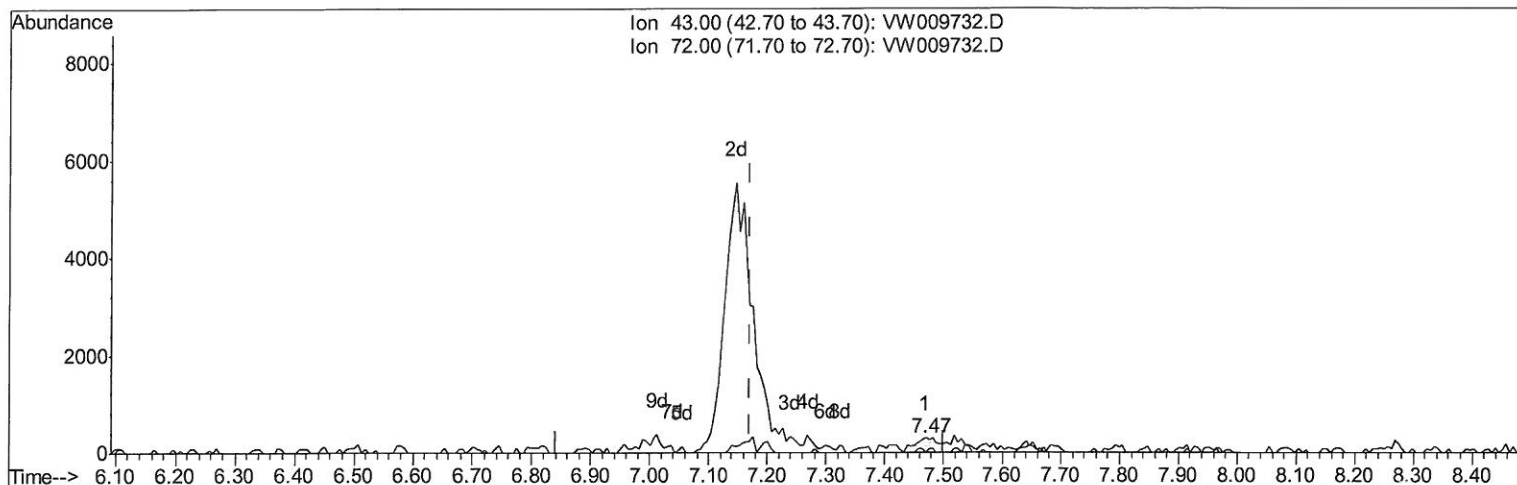
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TIC: VW009732.D

(21) 2-Butanone

7.470min (+0.299) 0.99ug/L

response 183

Ion	Exp%	Act%
43.00	100	100
72.00	24.10	31.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

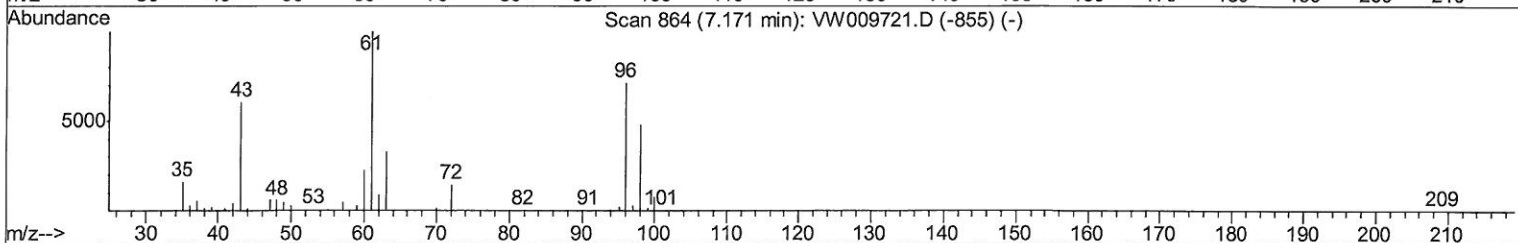
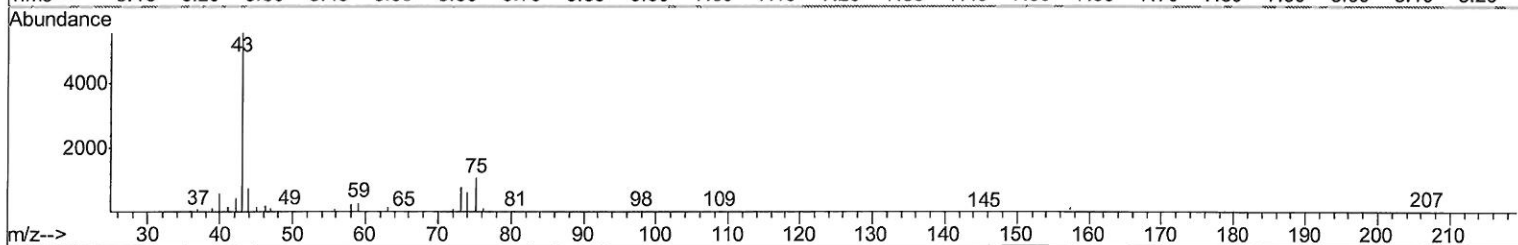
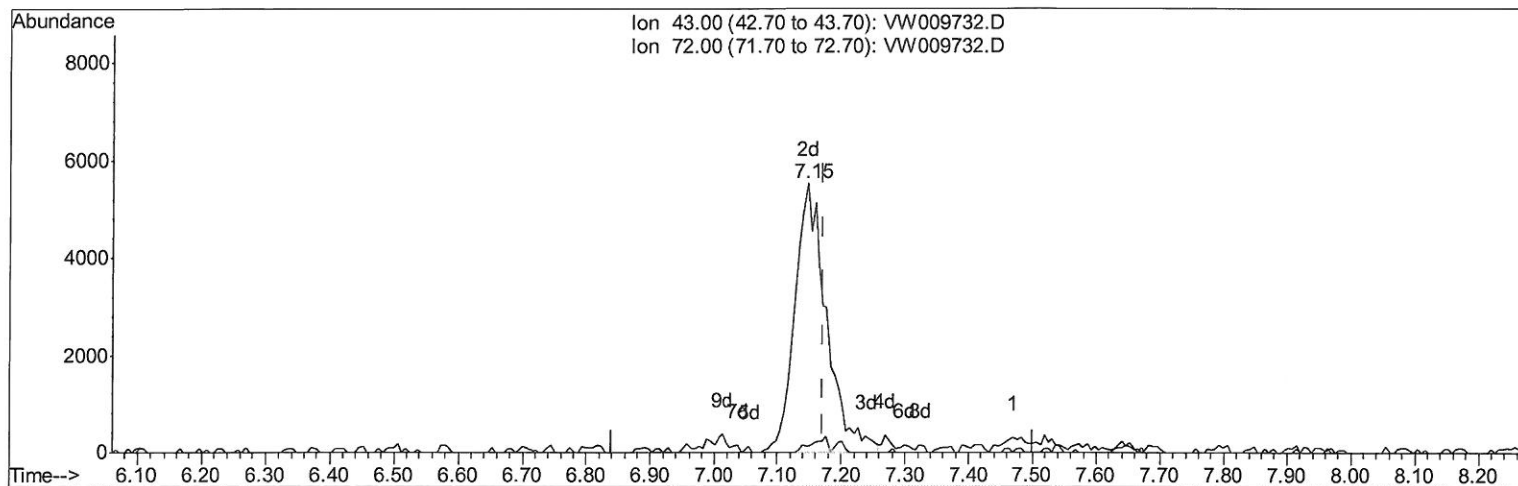
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TIC: VW009732.D

(21) 2-Butanone

7.147min (-0.024) 102.59ug/L m

response 18977

Ion	Exp%	Act%
43.00	100	100
72.00	24.10	0.30#
0.00	0.00	0.00
0.00	0.00	0.00

Handwritten: 7.147
 4/13/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	31949	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	49045	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	20994	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	2923m	6.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	27.96%#
7) Chloroethane-d5	2.89	69	5937m	15.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.00%
10) 1,1-Dichloroethene-d2	4.01	63	5605	6.23	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.92%#
20) 2-Butanone-d5	7.07	46	1121	8.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.52%#
24) Chloroform-d	7.65	84	44722	51.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	205.20%#
26) 1,2-Dichloroethane-d4	8.31	65	69709	130.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	520.96%#
29) Benzene-d6	8.27	84	55303	21.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.92%
33) 1,2-Dichloropropane-d6	9.27	67	38809	48.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	195.20%#
37) Toluene-d8	10.32	98	41110	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.08%
38) trans-1,3-Dichloropropene-	10.59	79	2384	6.29	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	25.16%#
39) 2-Hexanone-d5	10.92	63	532	3.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	7.10%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73935	100.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	400.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	26155	35.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	142.00%#

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 4/13/19

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	21890	150.507	ug/L	98
16) Methylene chloride	4.92	84	25317m	44.931	ug/L	
21) 2-Butanone	7.15	43	18977m	102.592	ug/L	
44) Toluene	10.40	91	3412	1.092	ug/L	80

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