

Quantitation Report (Qedit)

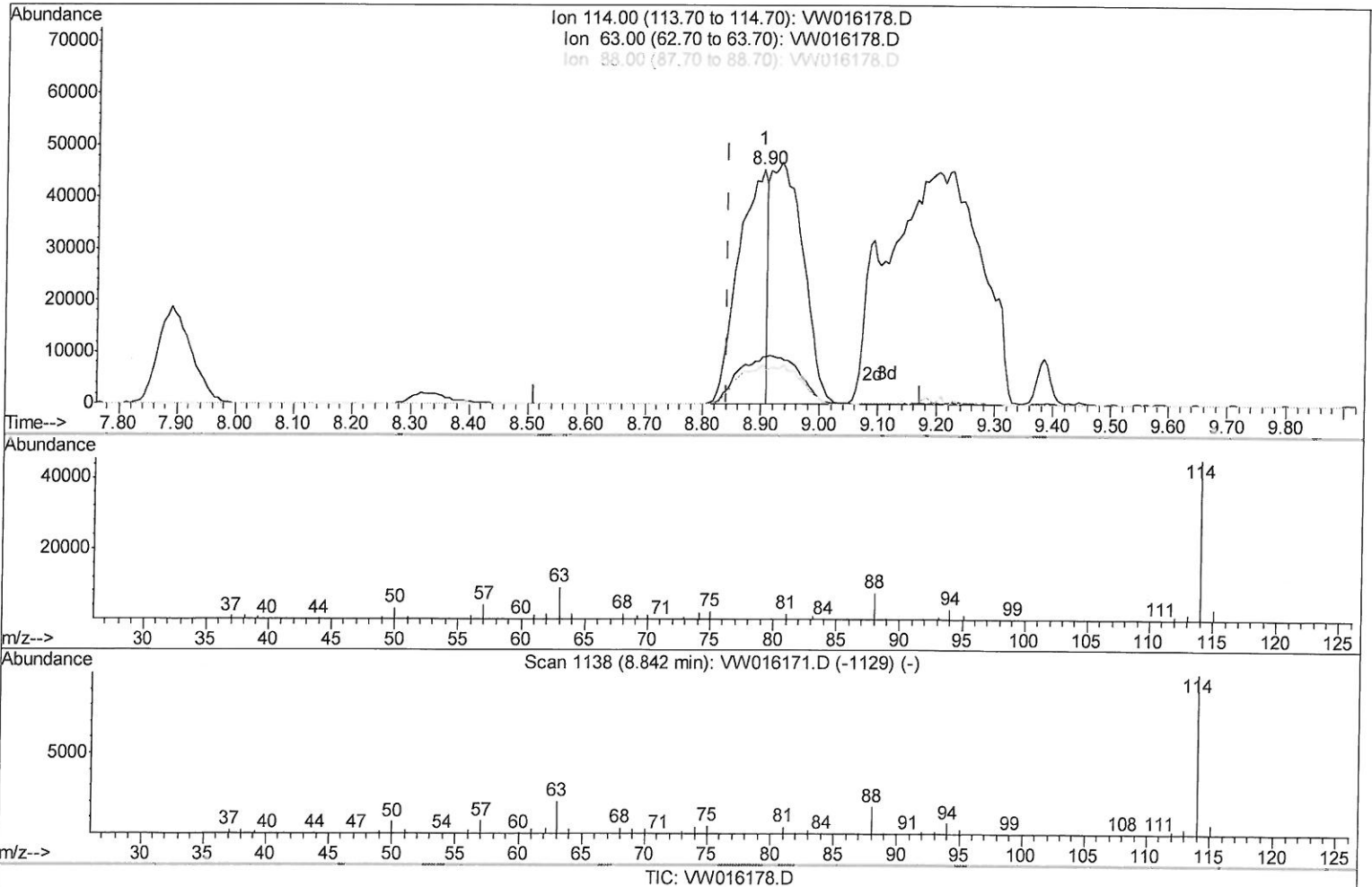
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081320\
 Data File : VW016178.D
 Acq On : 13 Aug 2020 13:51
 Operator : SY/VA
 Sample : L3599-19
 Misc : 5.99G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAYA1

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 5:11:37 PM

Quant Time: Aug 14 06:21:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 06:19:29 2020
 Response via : Initial Calibration



(1) 1,4-Difluorobenzene (I)
 8.903min (+0.061) 25.00ug/L

response 156978

Ion	Exp%	Act%
114.00	100	100
63.00	20.80	0.00#
88.00	16.40	0.83#
0.00	0.00	0.00

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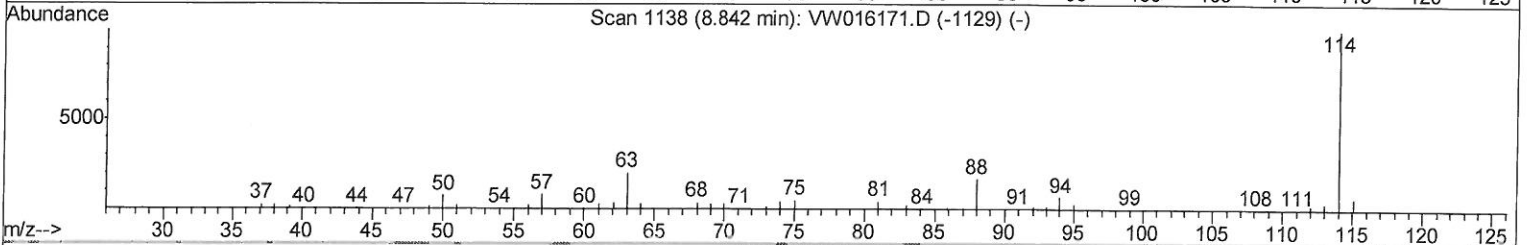
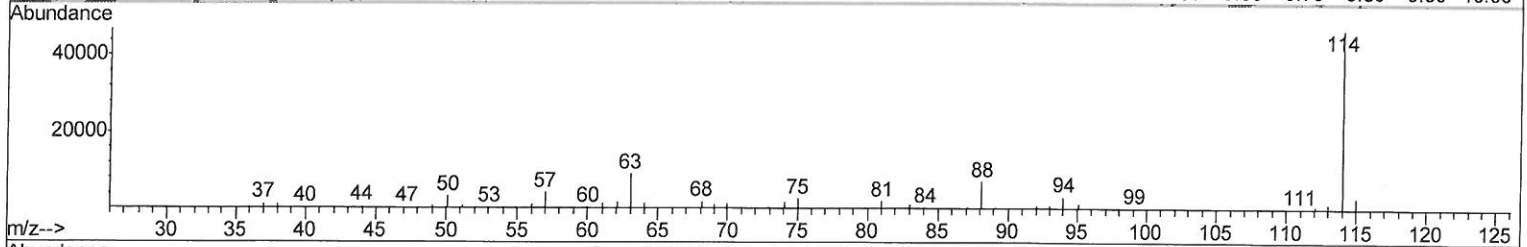
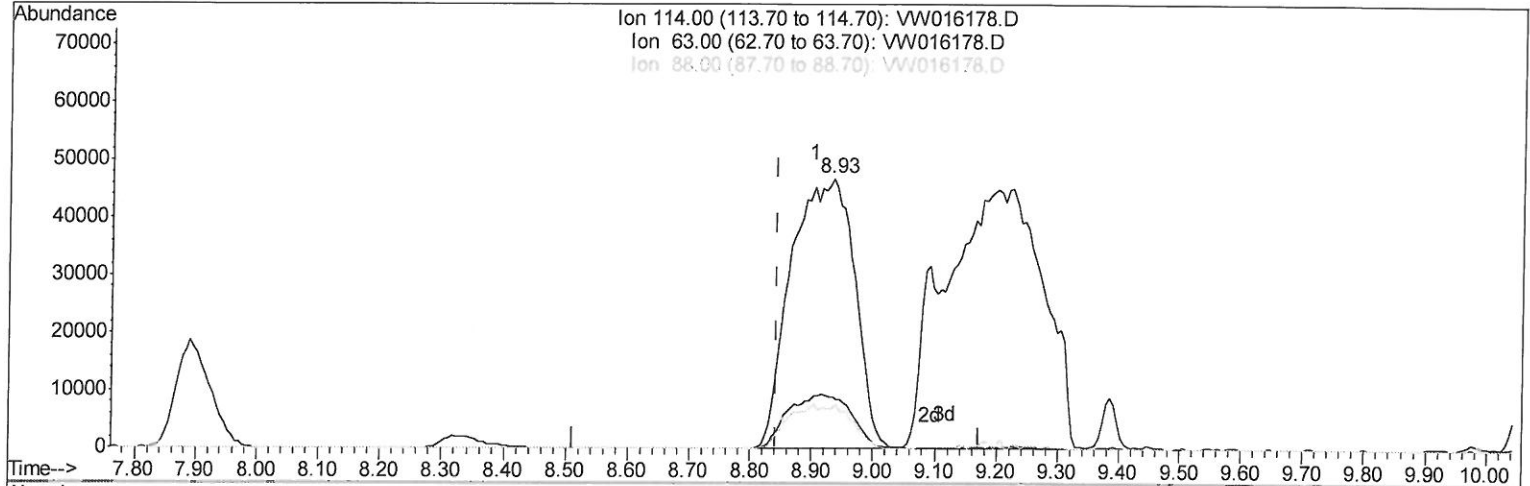
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TIC: VW016178.D

(1) 1,4-Difluorobenzene (I)

8.933min (+0.091) 25.00ug/L m

response 335980

Ion	Exp%	Act%
114.00	100	100
63.00	20.80	0.00#
88.00	16.40	0.39#
0.00	0.00	0.00

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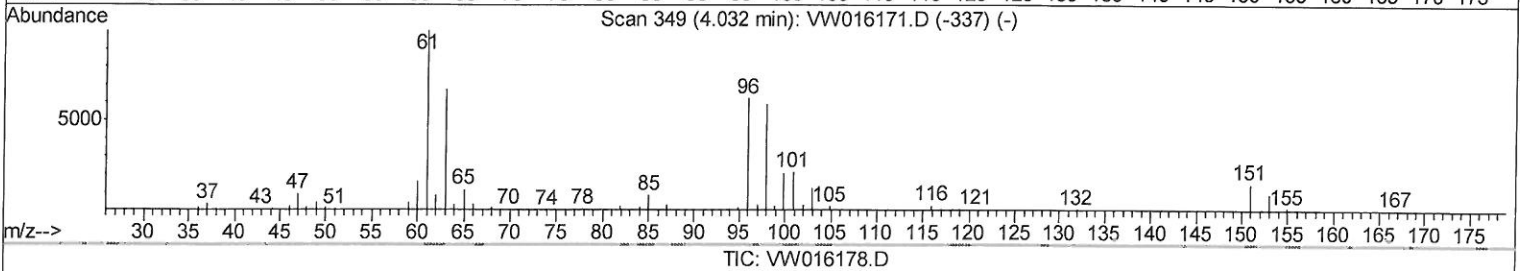
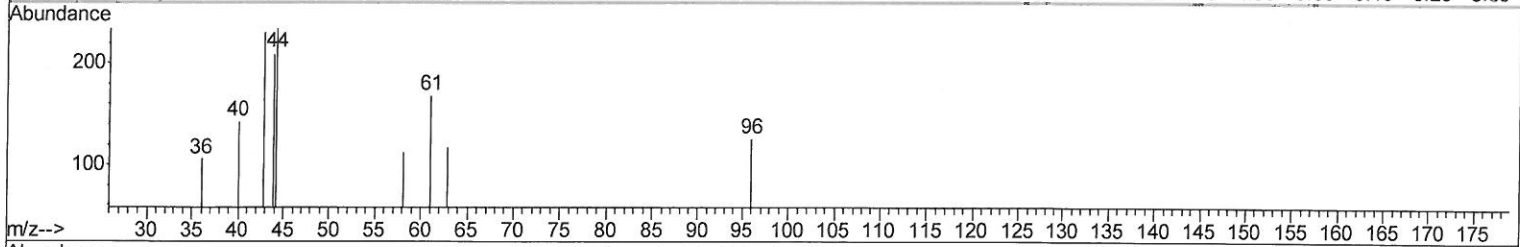
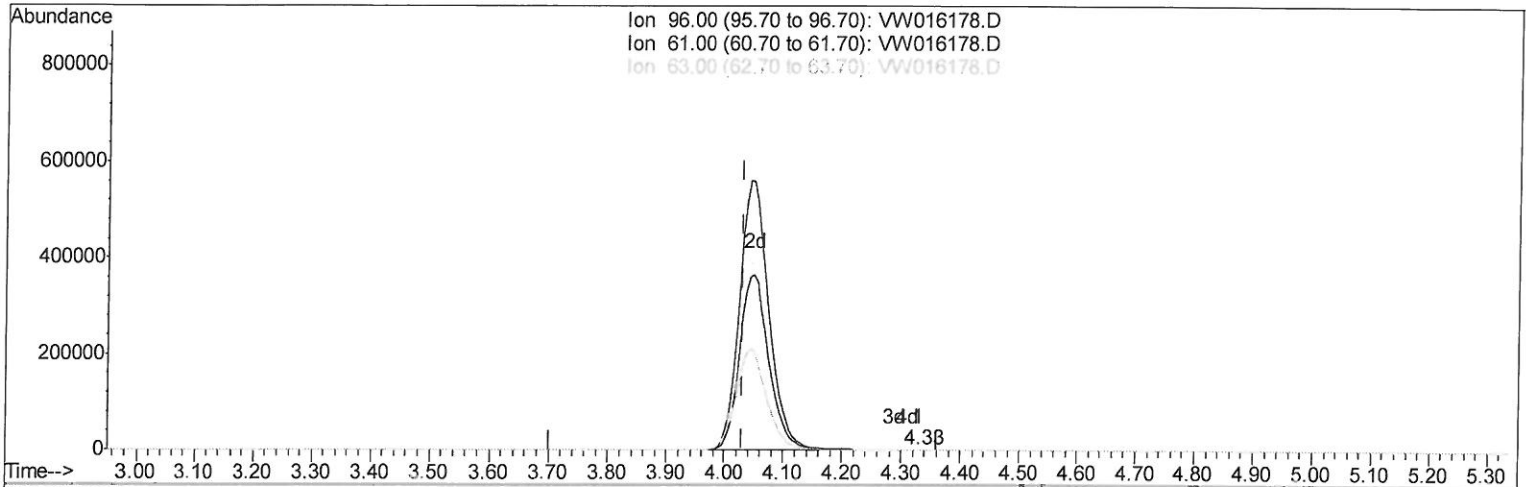
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(12) 1,1-Dichloroethene (T)

4.330min (+0.299) 0.01ug/L

response 41

Ion	Exp%	Act%
96.00	100	100
61.00	171.70	133.33
63.00	123.40	92.86
0.00	0.00	0.00

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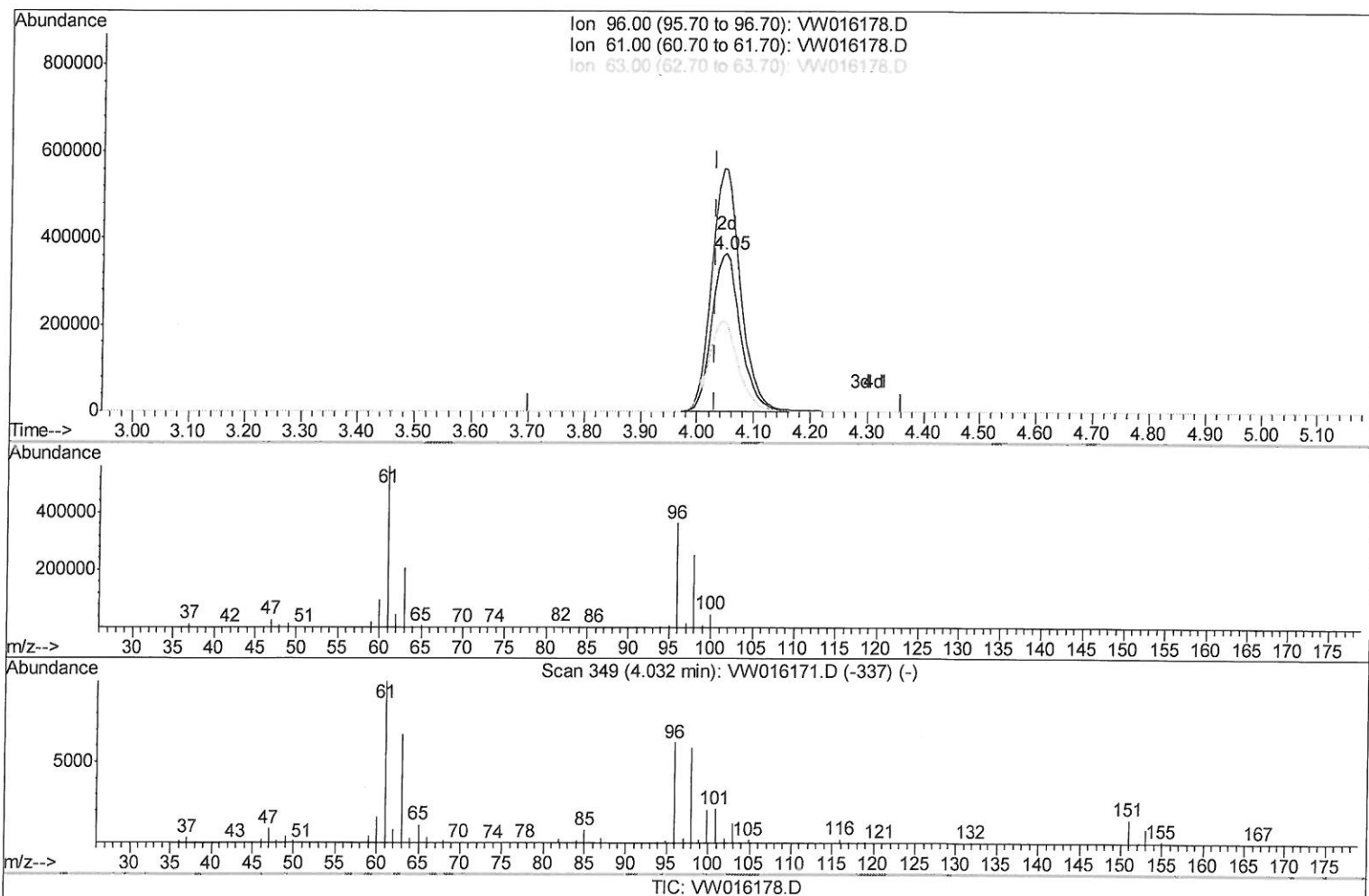
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(12) 1,1-Dichloroethene (T)

4.050min (+0.018) 296.13ug/L m

response 1276983

Ion	Exp%	Act%
96.00	100	100
61.00	171.70	153.87
63.00	123.40	56.61#
0.00	0.00	0.00

Handwritten signature: 28/17/2024

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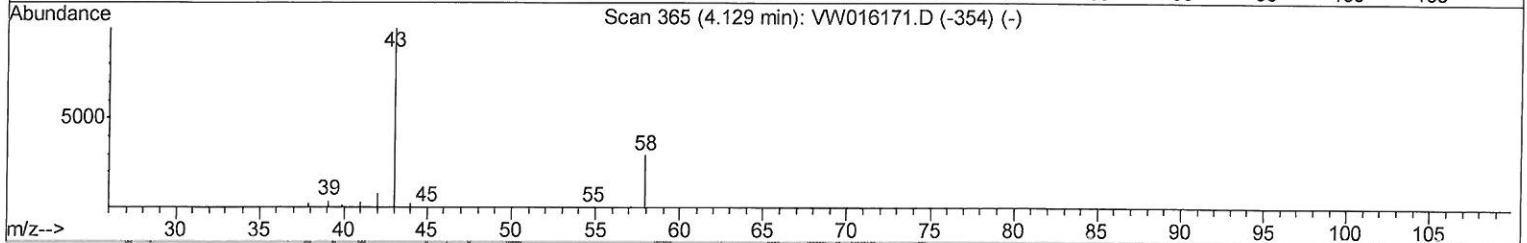
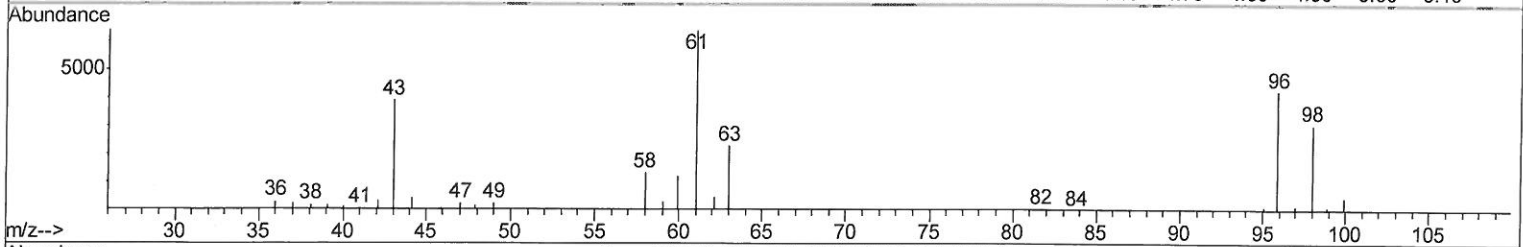
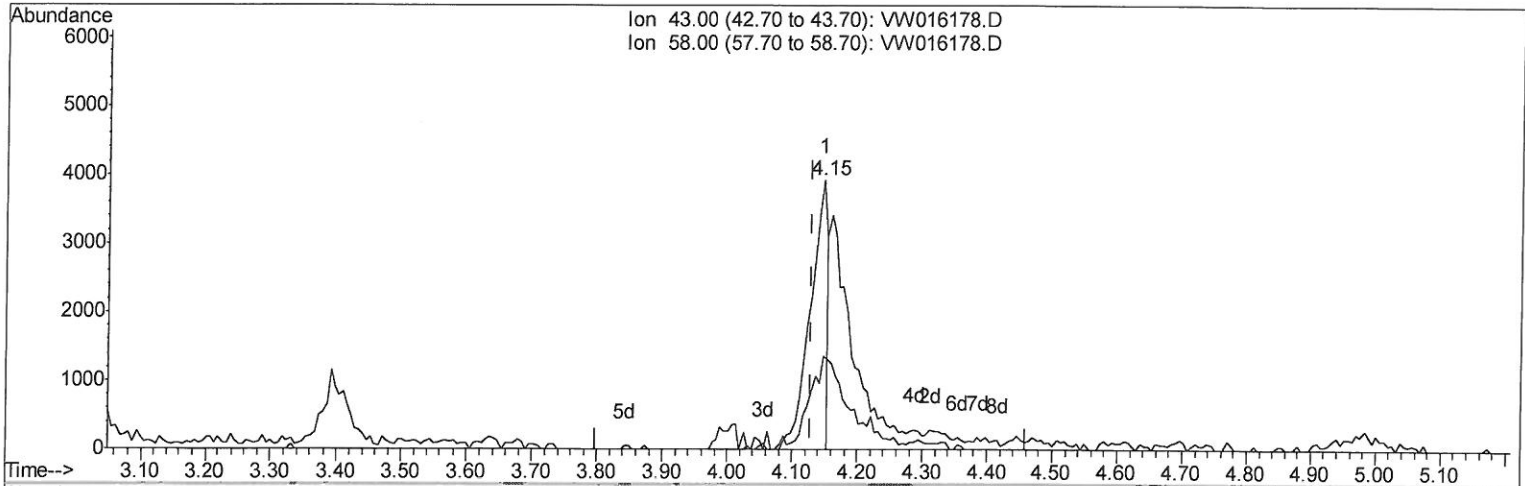
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TIC: VW016178.D

(13) Acetone (T)

4.147min (+0.018) 8.99ug/L

response 7457

Ion	Exp%	Act%
43.00	100	100
58.00	29.70	38.68
0.00	0.00	0.00
0.00	0.00	0.00

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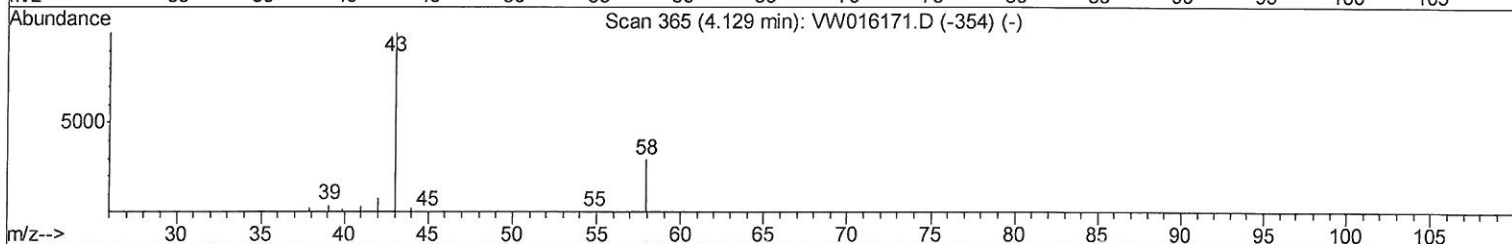
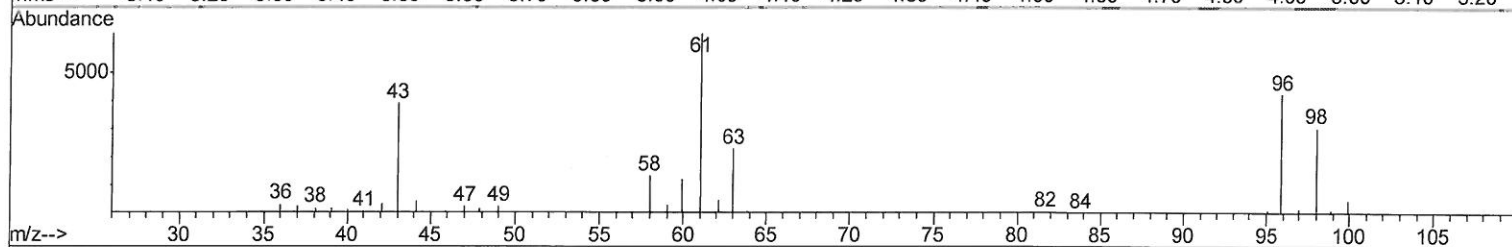
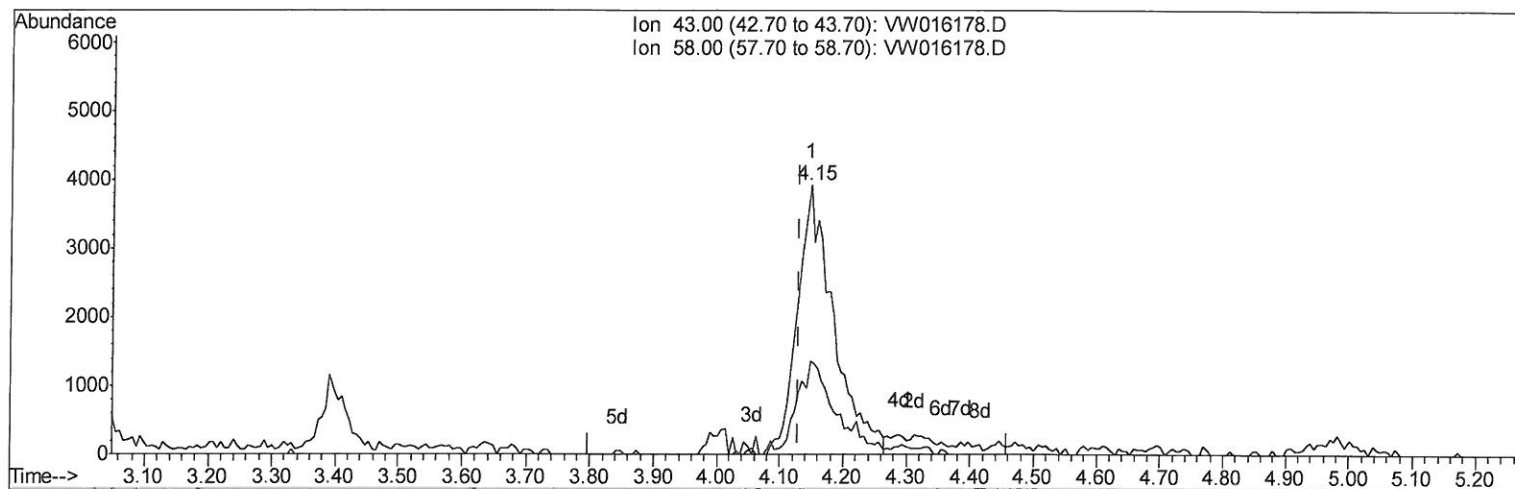
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TIC: VW016178.D

(13) Acetone (T)

4.147min (+0.018) 18.73ug/L m

> 0.8113 / 2e Sy

response 15527

Ion	Exp%	Act%
43.00	100	100
58.00	29.70	18.57
0.00	0.00	0.00
0.00	0.00	0.00

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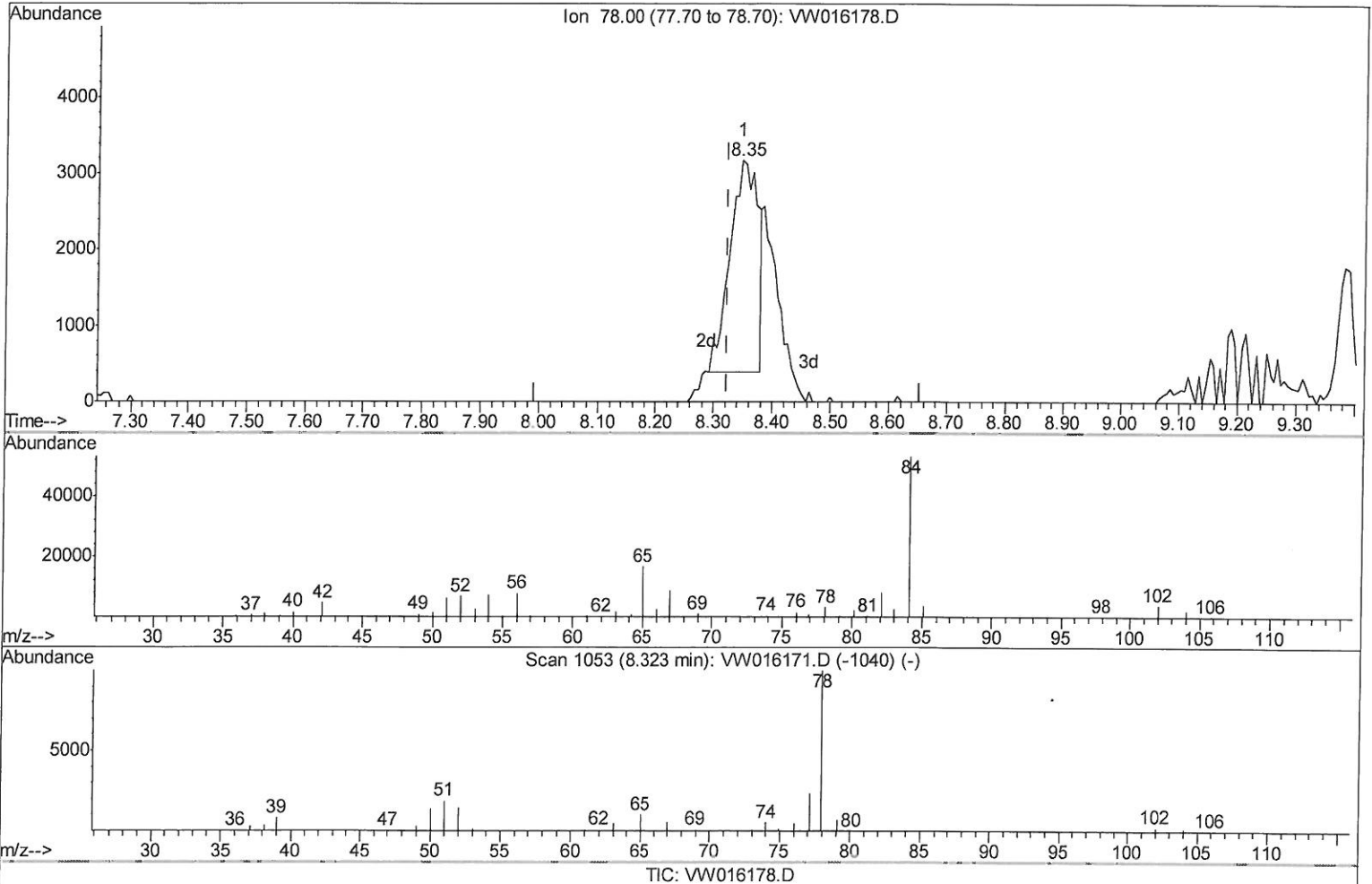
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(34) Benzene (T)

8.348min (+0.024) 0.65ug/L

response 9193

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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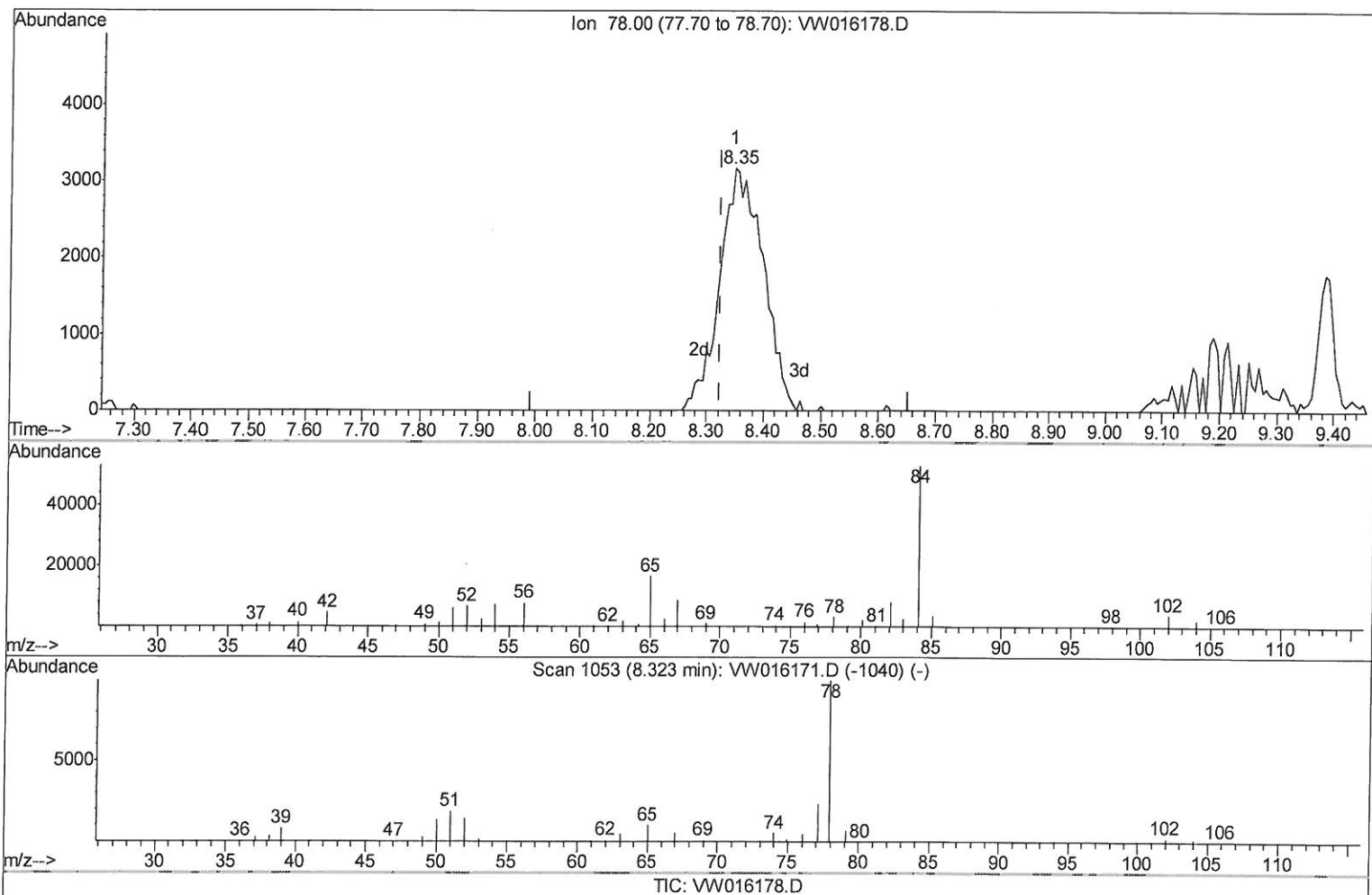
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(34) Benzene (T)

8.348min (+0.024) 1.19ug/L m

response 16741

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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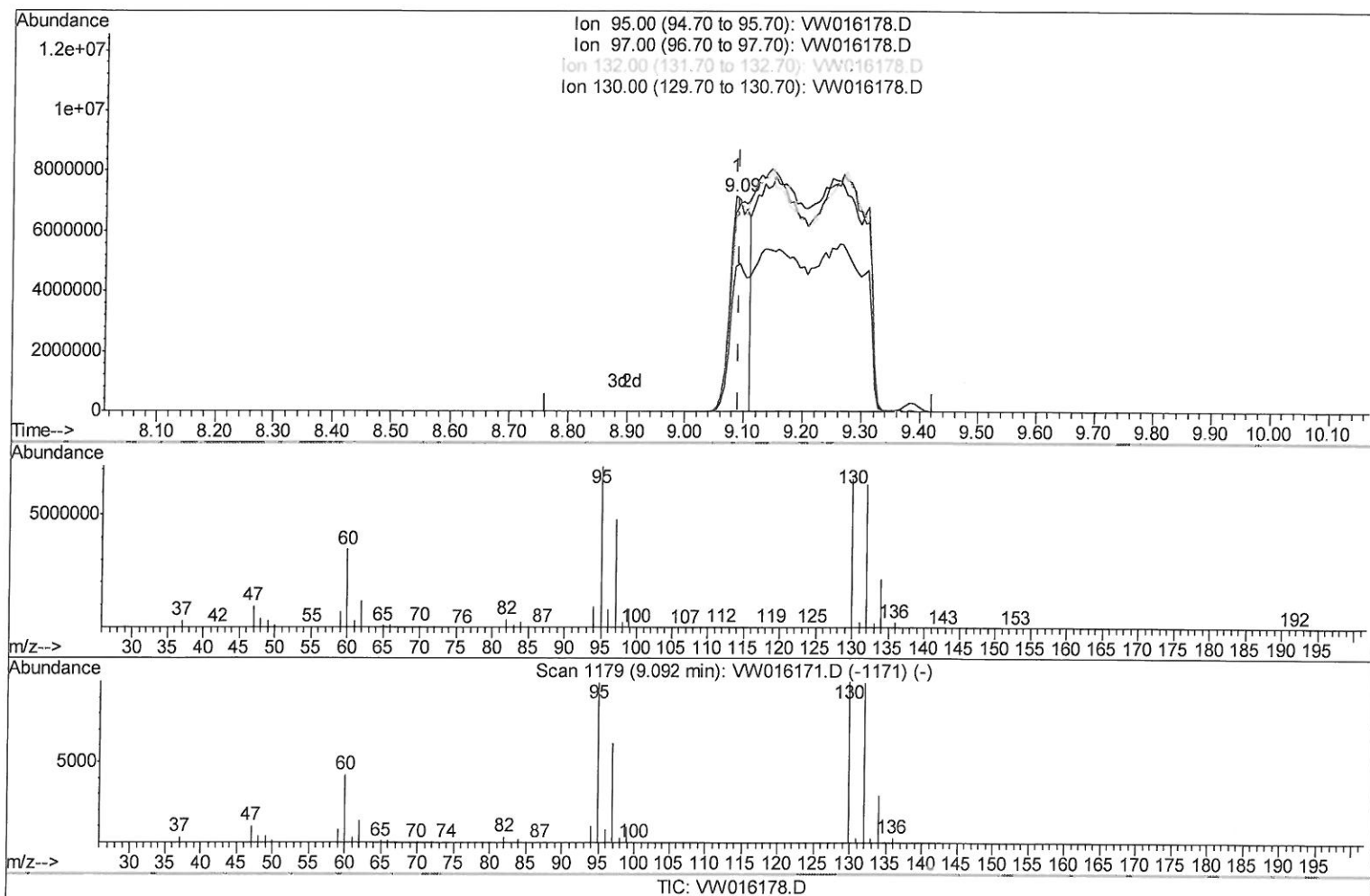
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(35) Trichloroethene (T)

9.085min (-0.006) 4337.25ug/L

response 16395709

Ion	Exp%	Act%
95.00	100	100
97.00	64.10	57.52
132.00	94.00	79.87
130.00	99.30	83.19

Quantitation Report (Qedit)

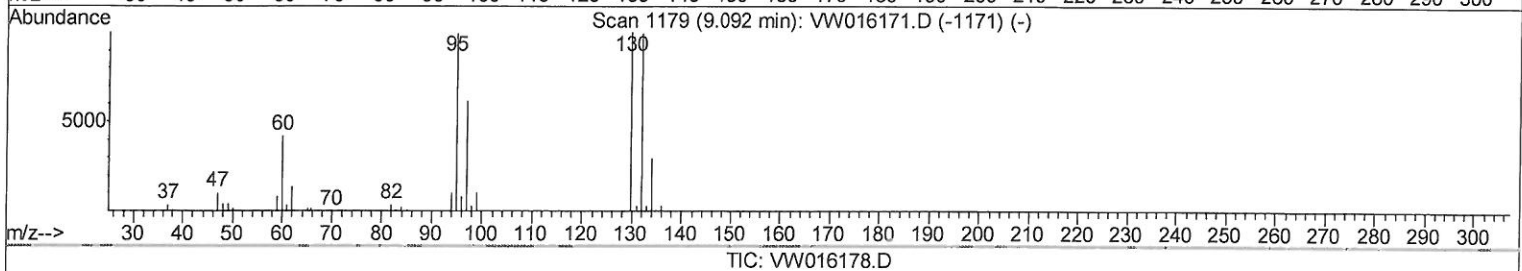
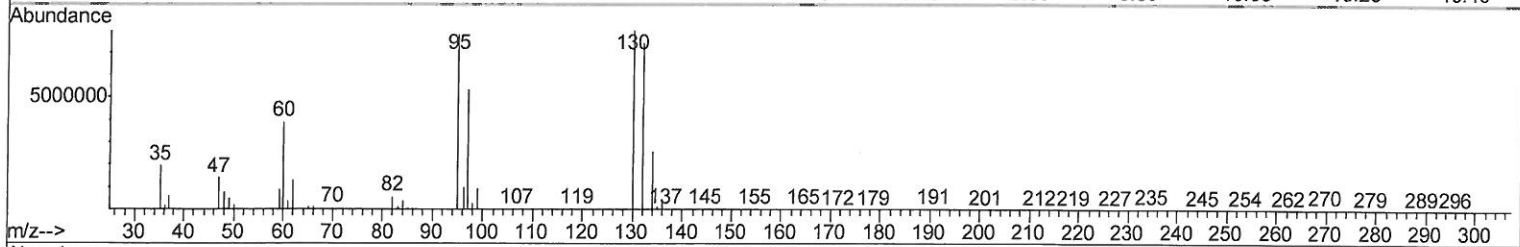
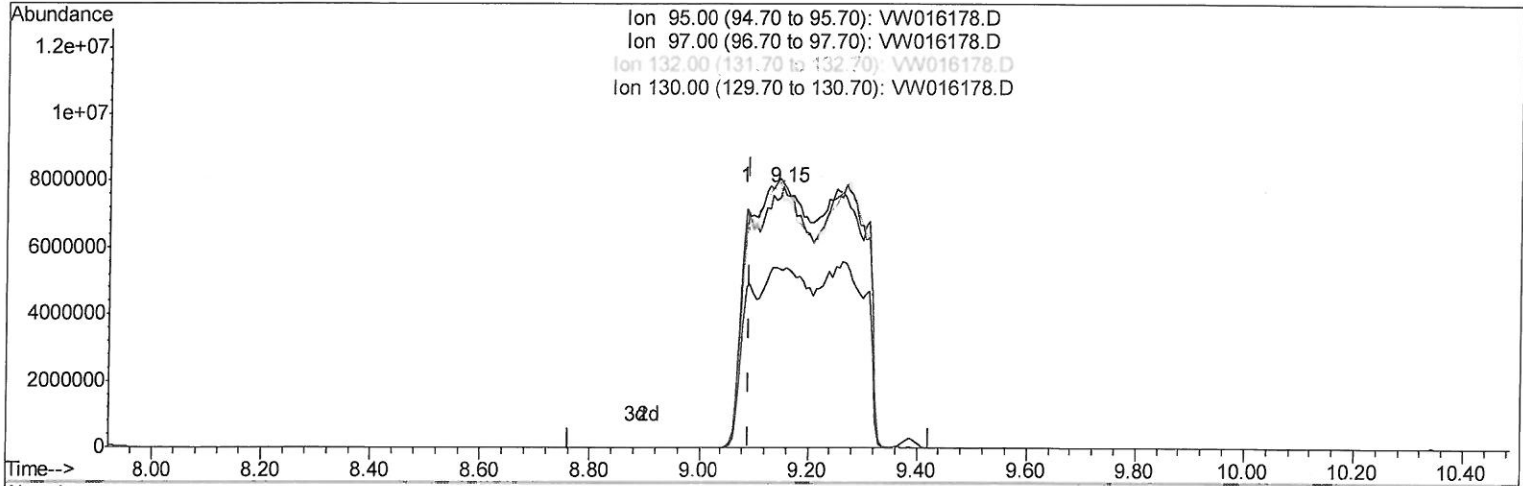
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ClientSampled :
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(35) Trichloroethene (T)

9.152min (+0.061) 27845.57ug/L m

response 105262087

Ion	Exp%	Act%
95.00	100	100
97.00	64.10	8.96#
132.00	94.00	12.44#
130.00	99.30	12.96#

20811712 SY

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.93	114	335980m	25.00	ug/L	0.09
28) Chlorobenzene-d5	11.64	117	243790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	56875	25.00	ug/L	0.00

08/17/20 14

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93685	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
7) Chloroethane-d5	2.89	69	63818	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.72%
10) 1,1-Dichloroethene-d2	4.04	63	770860	87.13	ug/L	0.03
Spiked Amount	25.000	Range	45 - 110	Recovery	=	348.52%#
20) 2-Butanone-d5	7.12	46	48846	44.56	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.12%
24) Chloroform-d	7.67	84	165978	18.41	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.64%
26) 1,2-Dichloroethane-d4	8.33	65	94088	19.65	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.60%
29) Benzene-d6	8.32	84	347641	26.21	ug/L	0.05
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.84%
33) 1,2-Dichloropropane-d6	9.38	67	108710	27.87	ug/L	0.11
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	10.34	98	281625	23.15	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.59	79	41142	23.47	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	38895	57.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	56216	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	35997	17.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.44%#

Target Compounds

					Qvalue
5) Vinyl chloride	2.36	62	164731	36.824	ug/L 99
12) 1,1-Dichloroethene	4.05	96	1276983m	296.132	ug/L
13) Acetone	4.15	43	15527m	18.726	ug/L
18) trans-1,2-Dichloroethene	5.45	96	454306	100.156	ug/L 89
19) 1,1-Dichloroethane	6.24	63	578036	72.024	ug/L 98
22) cis-1,2-Dichloroethene	7.18	96	25611221	5352.222	ug/L 94
25) Chloroform	7.70	83	15774	1.847	ug/L 90
31) 1,1,1-Trichloroethane	7.89	97	525461	93.800	ug/L 99
34) Benzene	8.35	78	16741m	1.191	ug/L
35) Trichloroethene	9.15	95	105262087m	27845.575	ug/L
44) Toluene	10.40	91	6656393	448.530	ug/L 97
46) 1,1,2-Trichloroethane	10.80	97	69009	25.393	ug/L 95
47) Tetrachloroethene	10.87	164	686708	242.317	ug/L 99
53) Ethylbenzene	11.74	91	3074363	182.588	ug/L 99
54) m,p-Xylene	11.84	106	2904069	458.502	ug/L 97
55) o-xylene	12.17	106	673723	112.927	ug/L 96
57) Isopropylbenzene	12.47	105	32626	2.028	ug/L 99

08/17/20 14

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

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