

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (QT Reviewed)

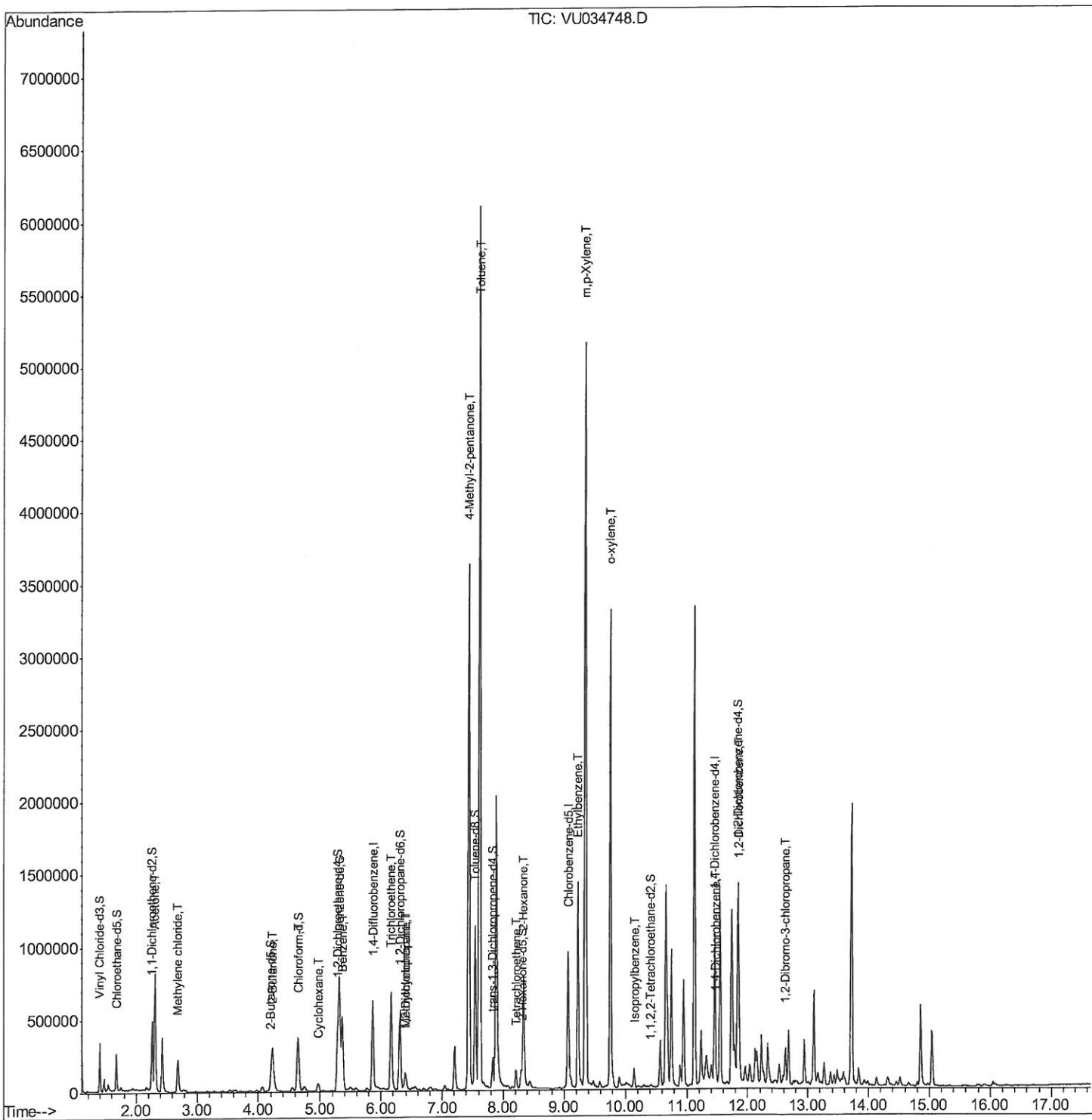
Data File : VU034748.D
Acq On : 23 Sep 2019 21:19
Operator : JC/SP
Sample : K4932-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDG6

Manual Integrations
APPROVED

MMDadoda
9/24/2019 12:48:15 PM

Quant Time: Sep 24 04:53:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:36:55 2019
Response via : Initial Calibration



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Quantitation Report (Qedit)

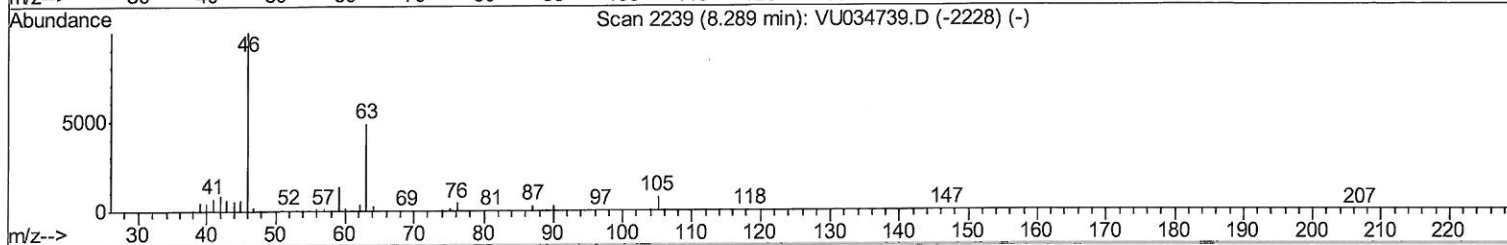
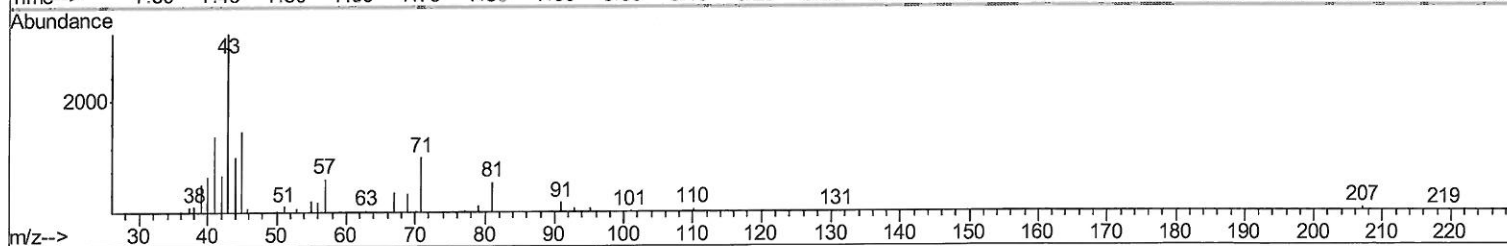
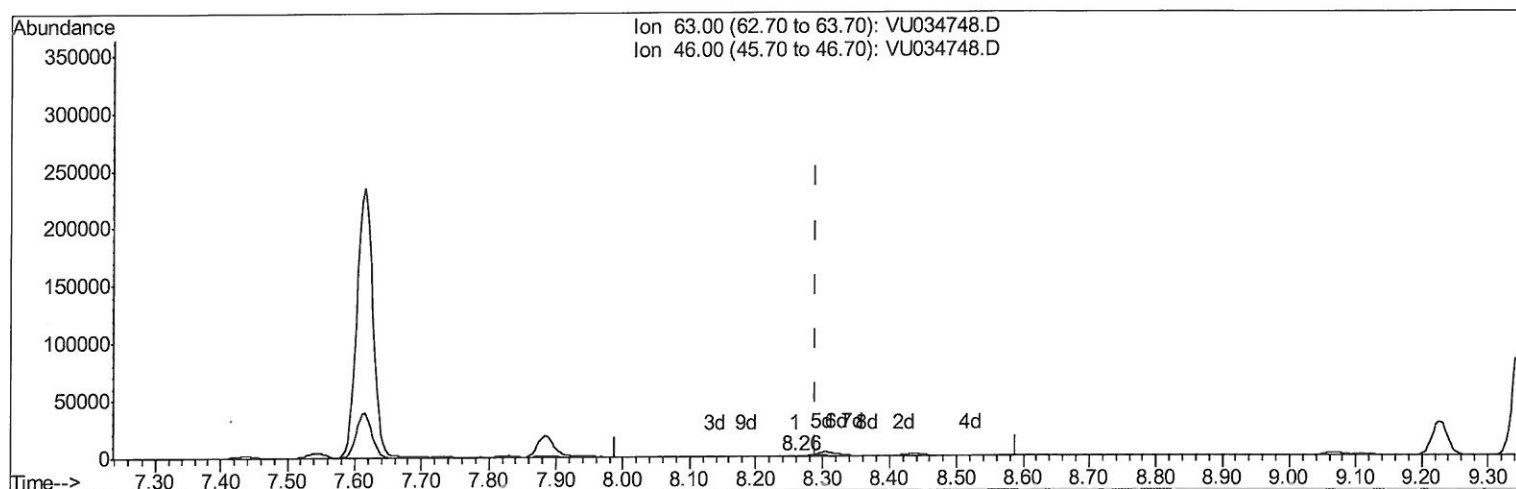
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(47) 2-Hexanone-d5 (S)
8.260min (-0.029) 0.03ug/L
response 71

Ion	Exp%	Act%
63.00	100	100
46.00	208.90	200.00
0.00	0.00	0.00
0.00	0.00	0.00

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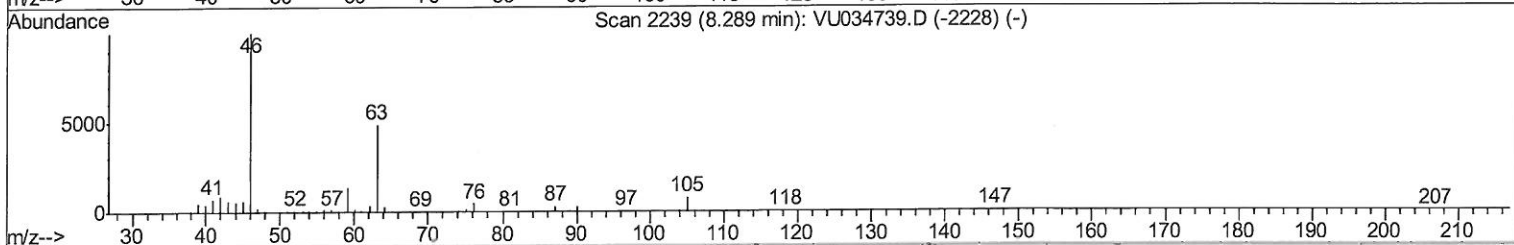
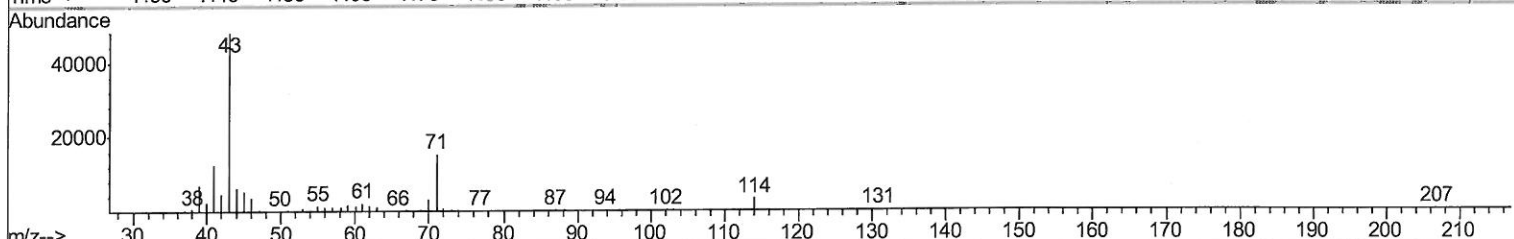
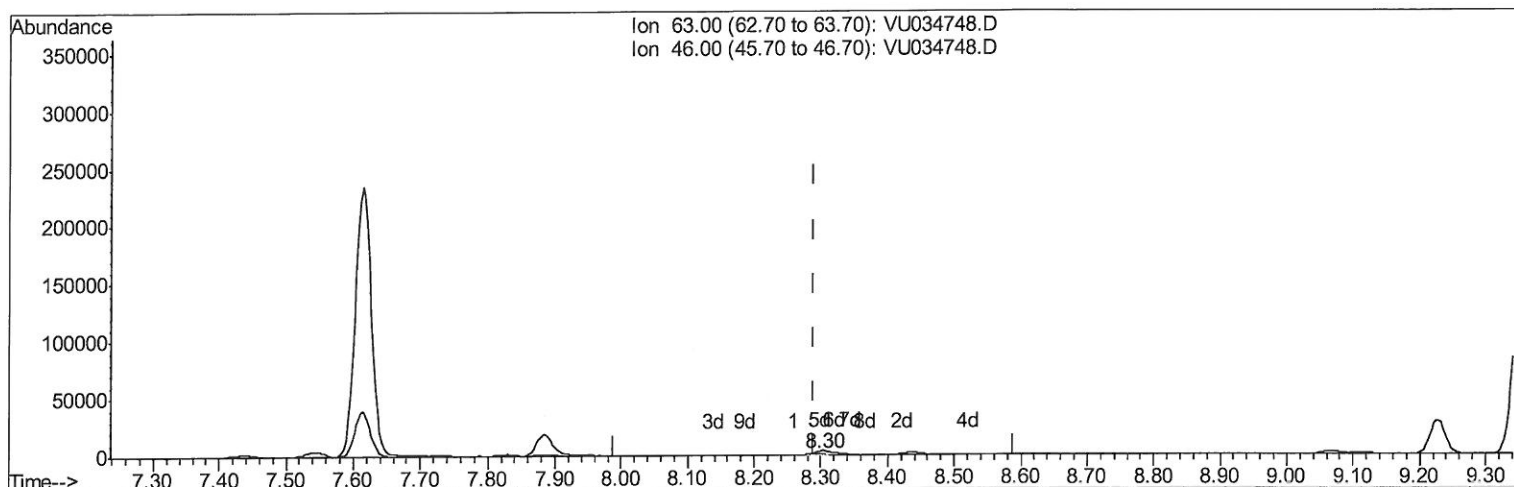
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TIC: VU034748.D

(47) 2-Hexanone-d5 (S)

8.299min (+0.010) 0.65ug/L m

response 1623

Ion	Exp%	Act%
63.00	100	100
46.00	208.90	8.75#
0.00	0.00	0.00
0.00	0.00	0.00

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10/04/19

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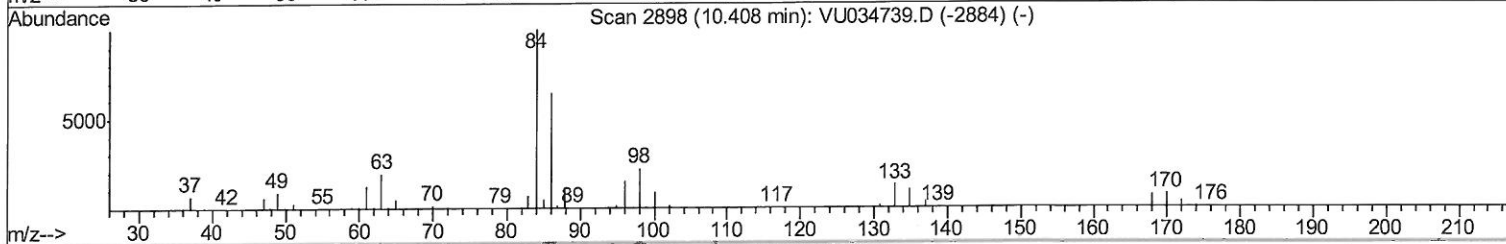
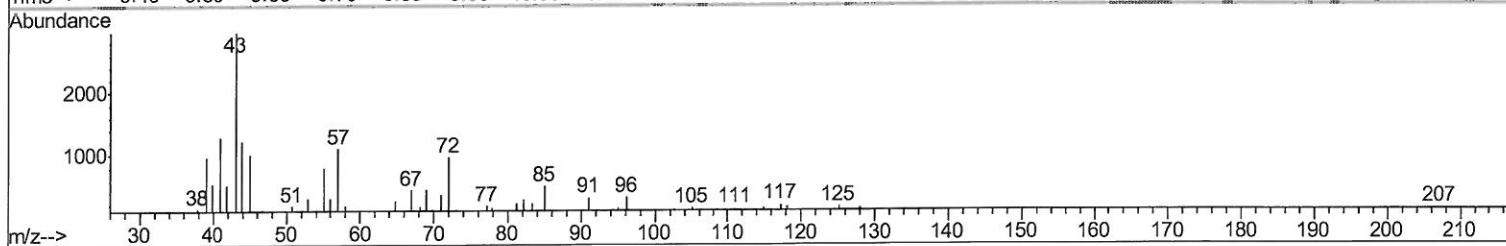
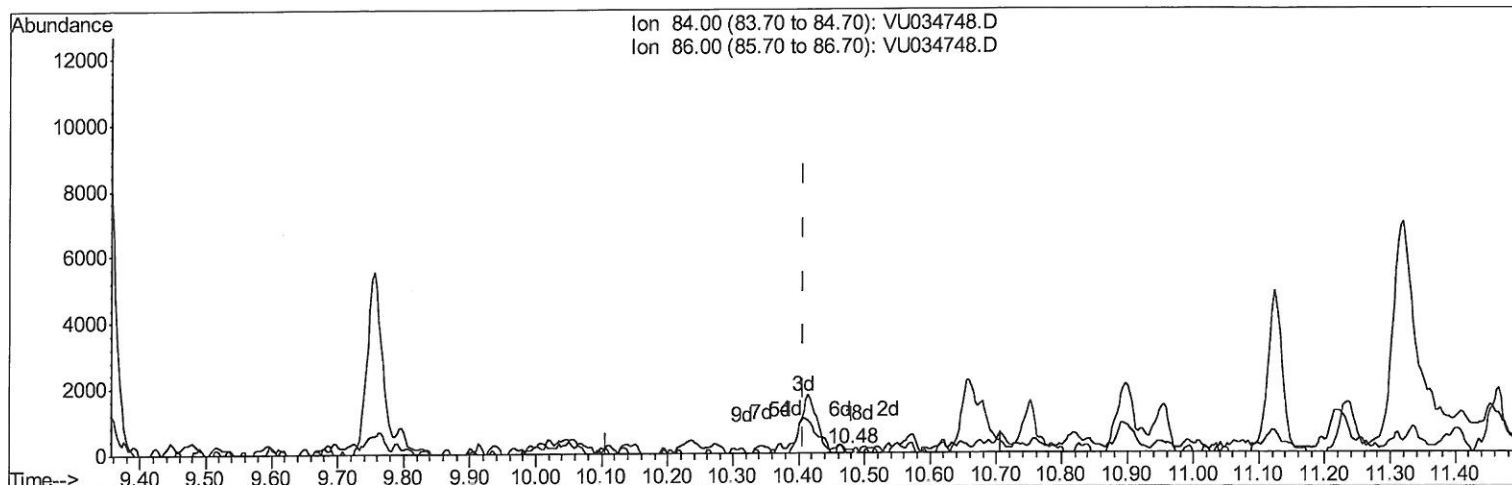
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(57) 1,1,2,2-Tetrachloroethane-d2 (S)

10.479min (+0.071) 0.01ug/L

response 88

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	63.64
0.00	0.00	0.00
0.00	0.00	0.00

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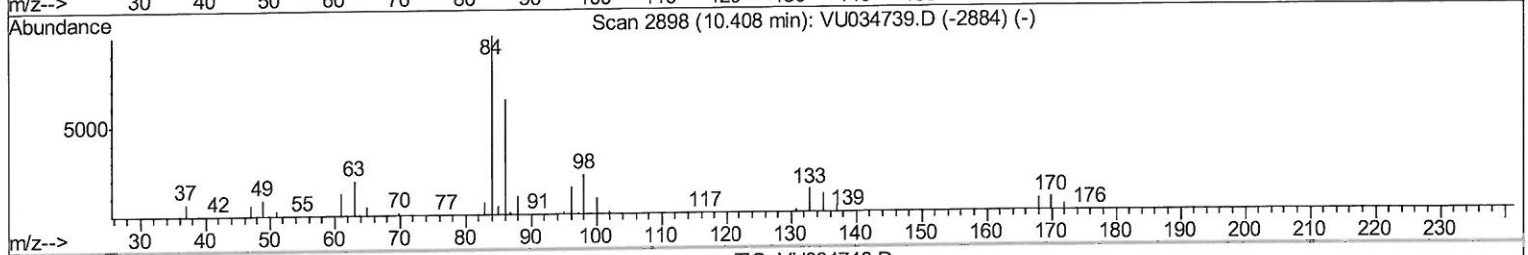
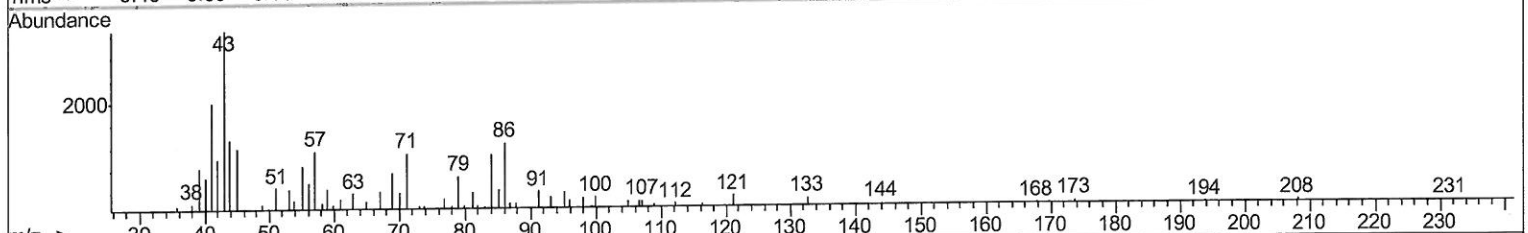
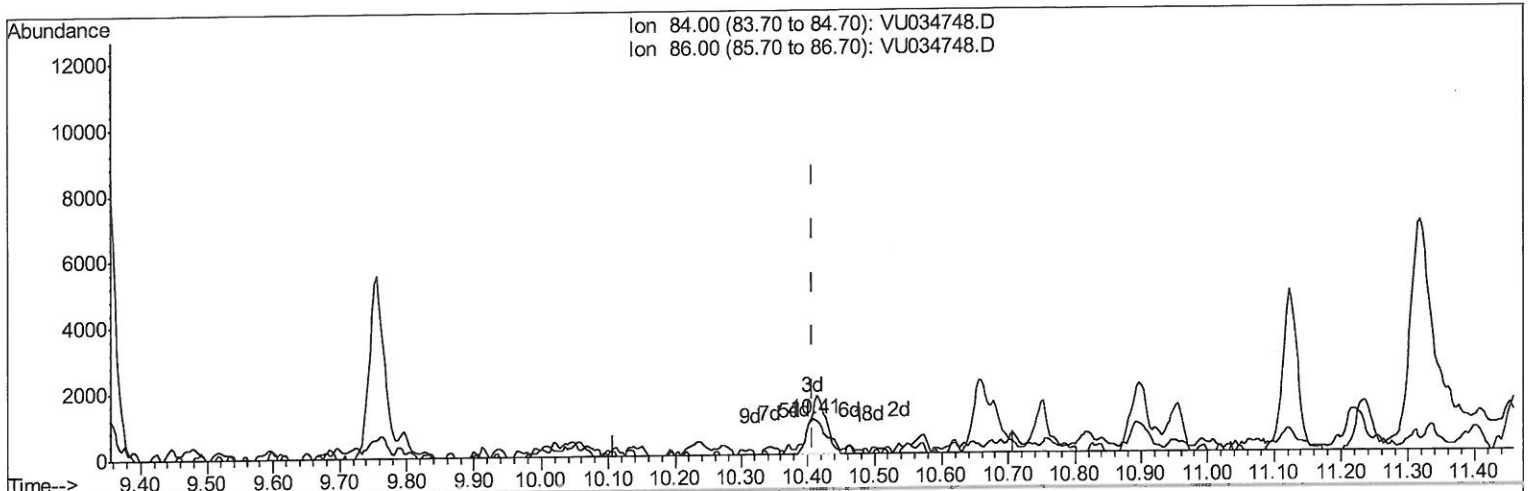
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ClientSampled :
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TIC: VU034748.D

(57) 1,1,2,2-Tetrachloroethane-d2 (S)

10.408min (-0.000) 0.34ug/L m

response 2356

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	2.38#
0.00	0.00	0.00
0.00	0.00	0.00

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10/04/19

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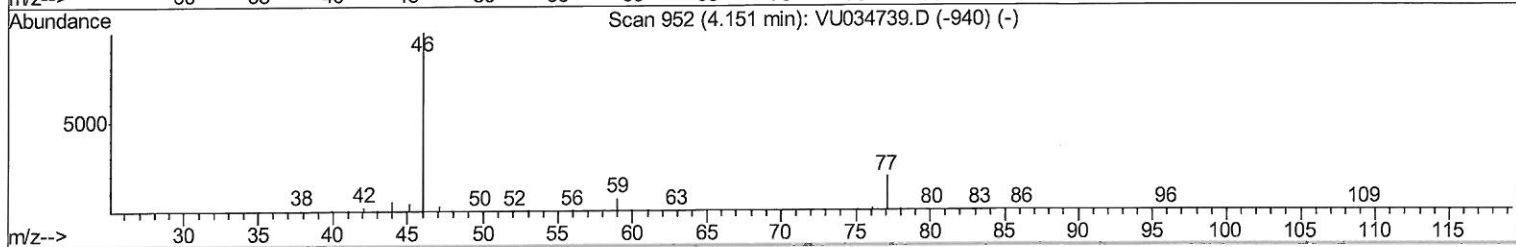
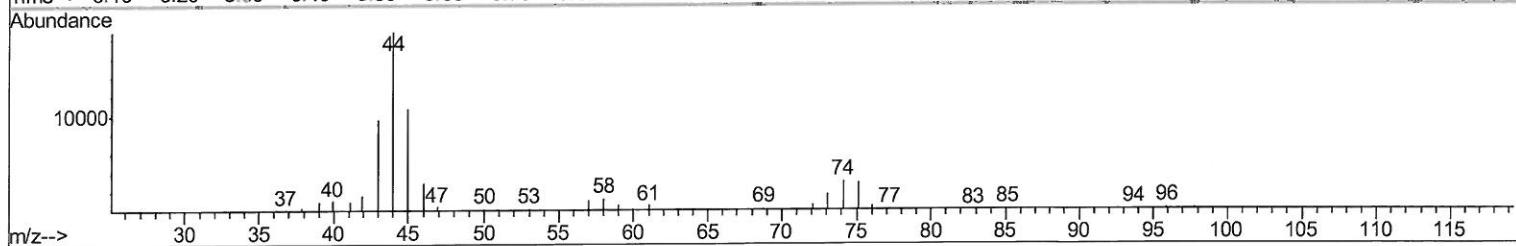
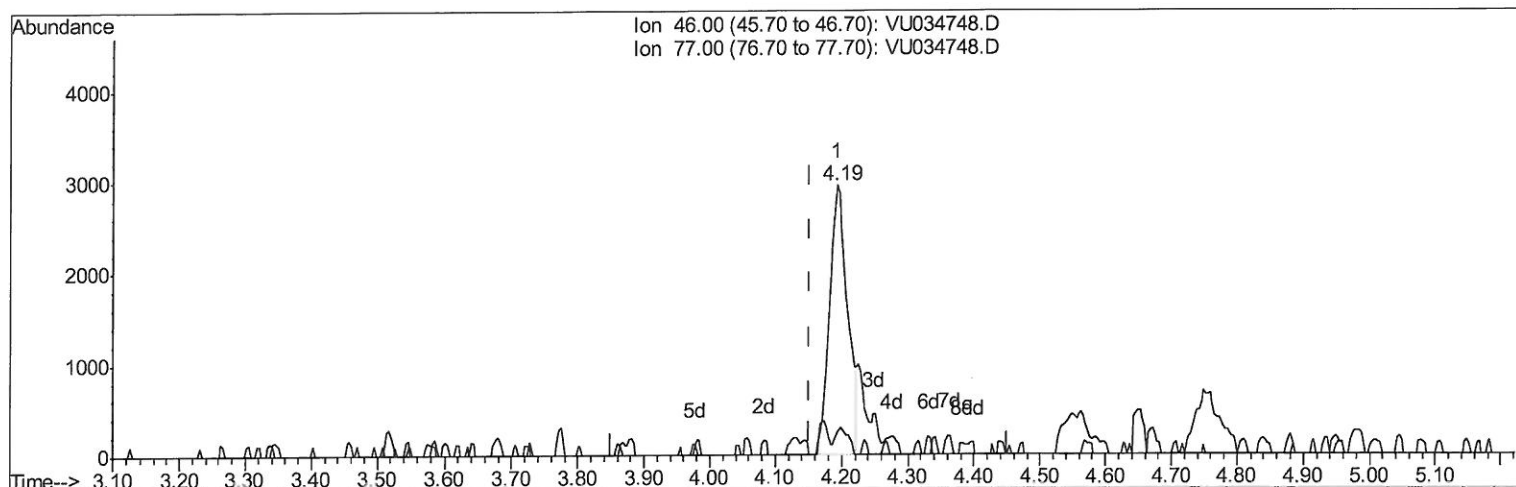
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Instrument :
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TIC: VU034748.D

(21) 2-Butanone-d5 (S)
4.193min (+0.042) 1.48ug/L
response 5568

Ion	Exp%	Act%
46.00	100	100
77.00	19.50	6.93#
0.00	0.00	0.00
0.00	0.00	0.00

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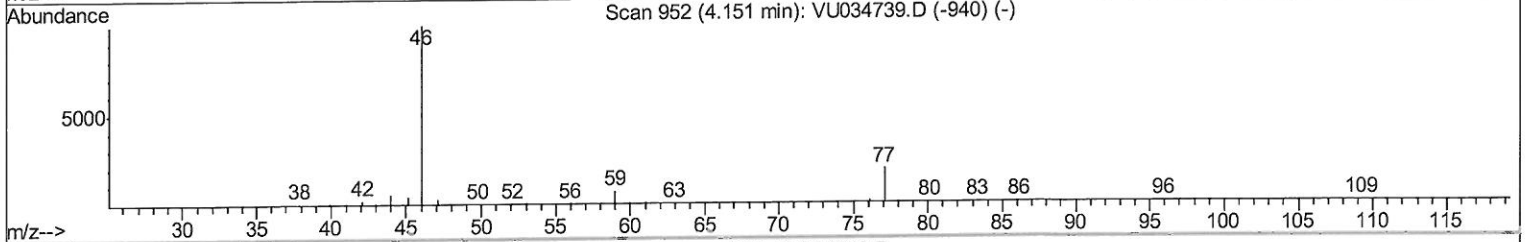
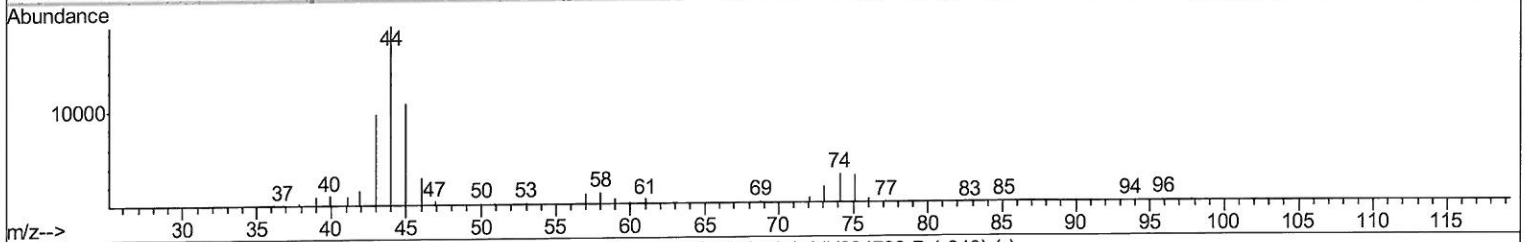
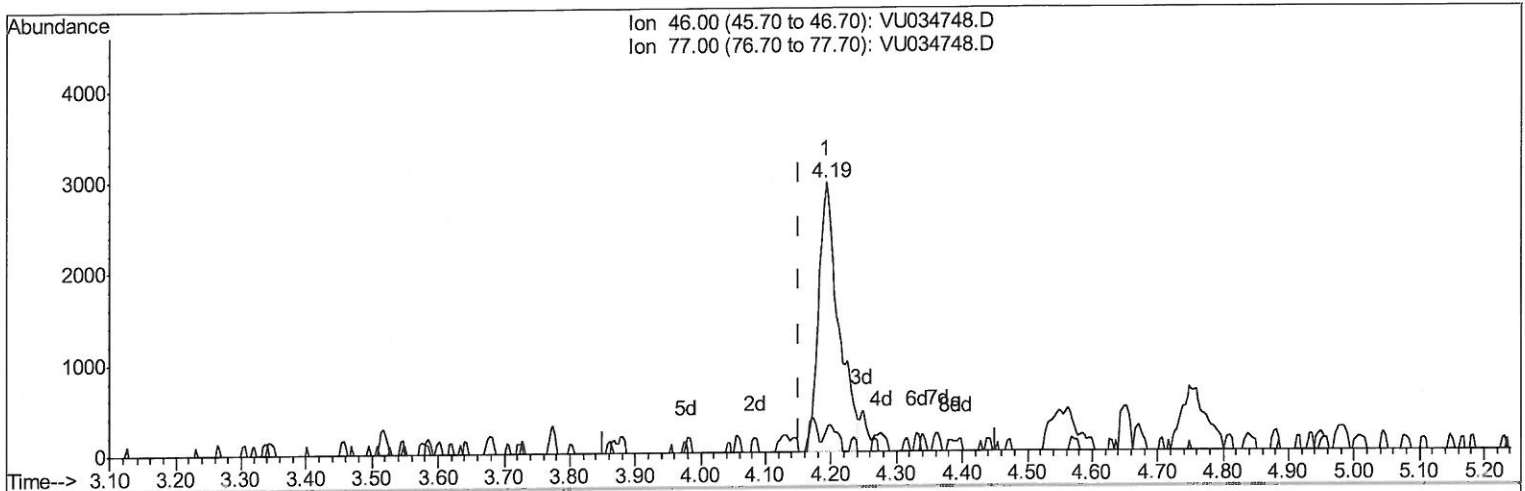
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TIC: VU034748.D

(21) 2-Butanone-d5 (S)

4.193min (+0.042) 1.67ug/L m

response 6306

Ion	Exp%	Act%
46.00	100	100
77.00	19.50	6.12#
0.00	0.00	0.00
0.00	0.00	0.00

me
10/04/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	480097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	455604	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	227128	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	204330	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.67	69	165458	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.12%
11) 1,1-Dichloroethene-d2	2.26	63	282745	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	4.19	46	6306m	1.67	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	1.67%#
24) Chloroform-d	4.65	84	15348	2.15	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	4.30%#
26) 1,2-Dichloroethane-d4	5.29	65	259803	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.92%
32) Benzene-d6	5.32	84	718402	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.31	67	255026	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.34%
41) Toluene-d8	7.54	98	693660	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%
43) trans-1,3-Dichloropropene-	7.83	79	113023	47.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.62%
47) 2-Hexanone-d5	8.30	63	1623m	0.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.65%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	2356m	0.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.68%#
64) 1,2-Dichlorobenzene-d4	11.84	152	247071	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

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10/04/19

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10/04/19

Target Compounds

					Qvalue
13) Acetone	2.31	43	858708	195.971	ug/L 100
16) Methylene chloride	2.68	84	82903	20.836	ug/L 96
22) 2-Butanone	4.23	43	468432	89.859	ug/L 91
25) Chloroform	4.65	83	333461	42.983	ug/L 99
29) Cyclohexane	4.97	56	28113	3.738	ug/L 98
33) Benzene	5.37	78	448571	28.388	ug/L 100
34) Trichloroethene	6.16	95	224206	57.453	ug/L 97
35) Methylcyclohexane	6.40	83	24015	3.626	ug/L 97
37) 1,2-Dichloropropane	6.41	63	5563	1.182	ug/L # 95
40) 4-Methyl-2-pentanone	7.44	43	2586291	287.916	ug/L 98
42) Toluene	7.61	91	4096221	239.867	ug/L 98
46) Tetrachloroethene	8.21	164	17204	6.267	ug/L 96
48) 2-Hexanone	8.34	43	481595	68.645	ug/L # 93
52) Ethylbenzene	9.23	91	946522	49.221	ug/L 100
53) m,p-Xylene	9.35	106	1295370	190.181	ug/L 98
54) o-xylene	9.76	106	784464	116.443	ug/L 98
56) Isopropylbenzene	10.14	105	77931	4.290	ug/L 97

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63) 1,4-Dichlorobenzene	11.49	146	7064	0.882	ug/L	90
65) 1,2-Dichlorobenzene	11.85	146	61063	7.683	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.63	75	1818	1.076	ug/L #	10

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