

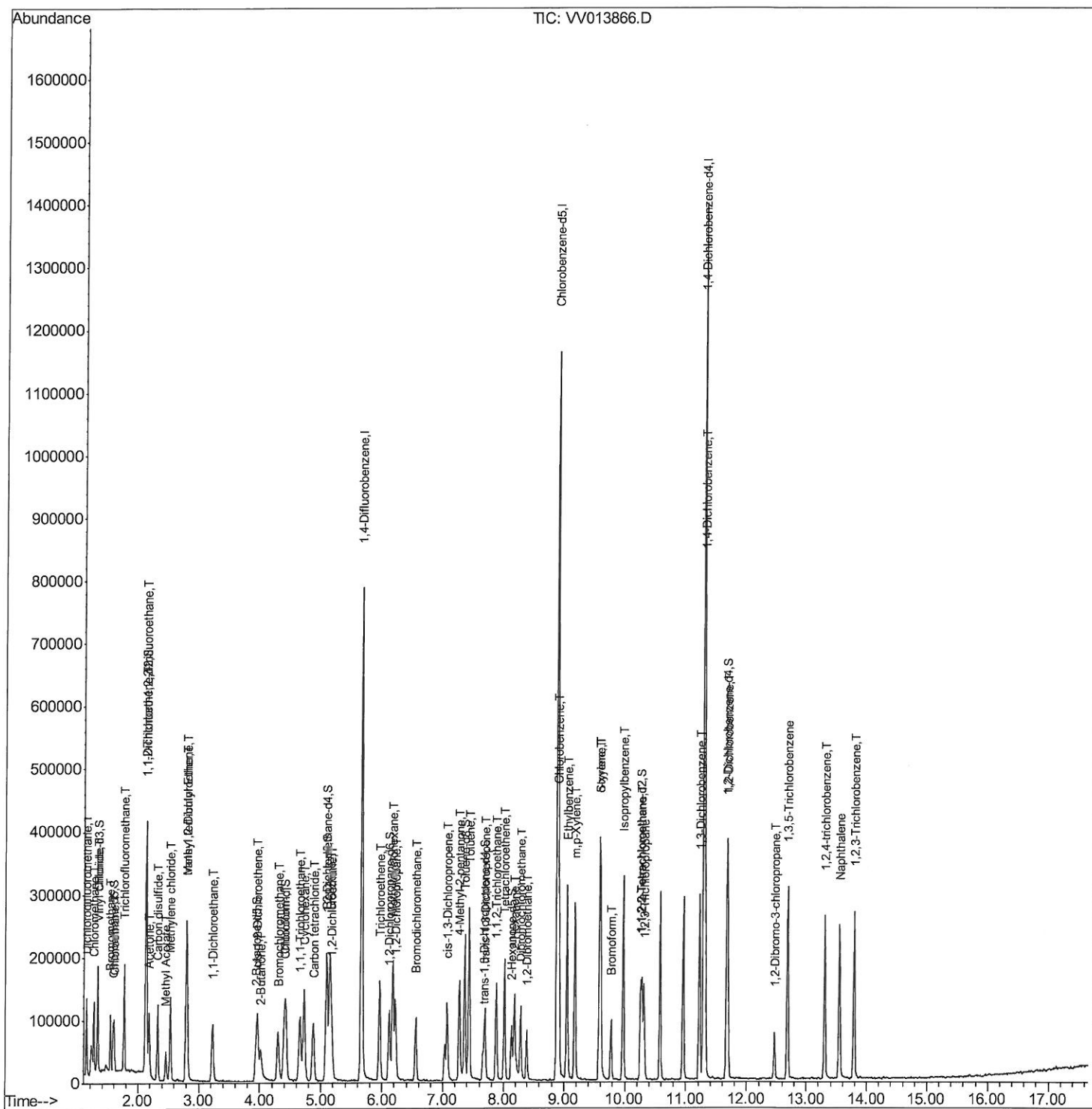
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013866.D
Acq On : 02 Dec 2019 12:11
Operator : SY/MD
Sample : VSTD01065
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Manual Integrations APPROVED

apatel
12/5/2019 8:35:13 AM

Quant Time: Dec 03 01:31:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 03 01:23:48 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

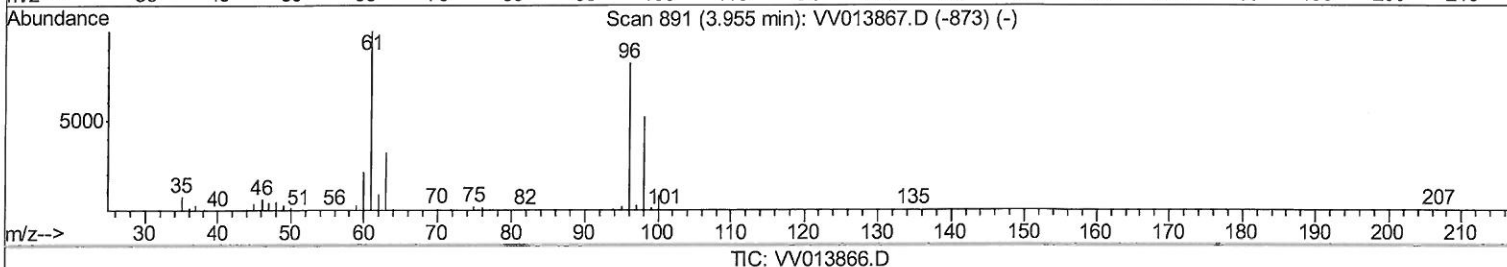
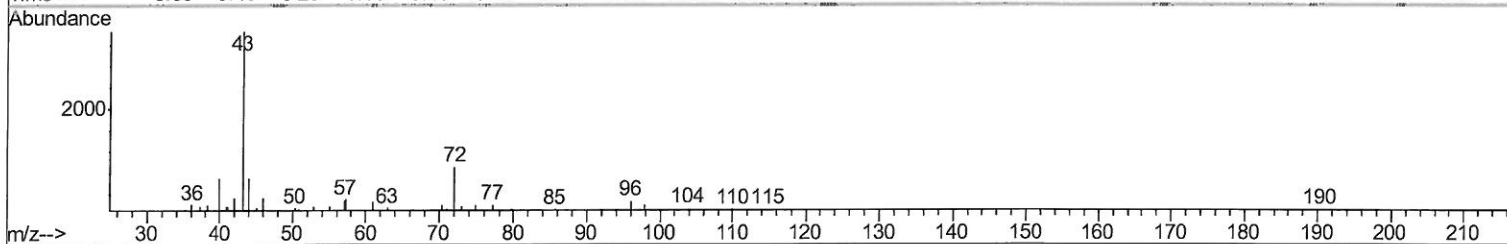
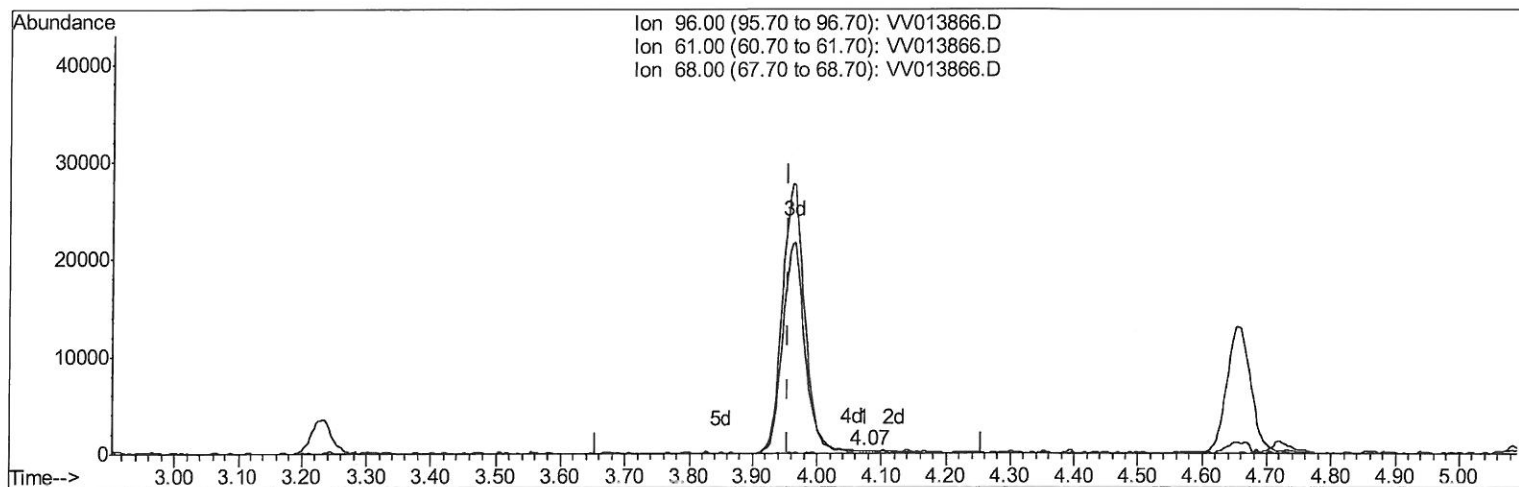
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TIC: VV013866.D

(20) cis-1,2-Dichloroethene (T)

4.074min (+0.119) 0.02ug/L

response 83

Ion	Exp%	Act%
96.00	100	100
61.00	121.90	100.00
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

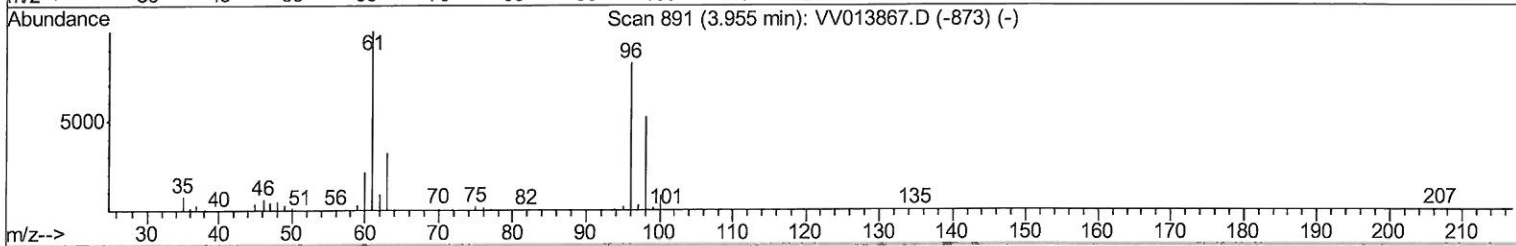
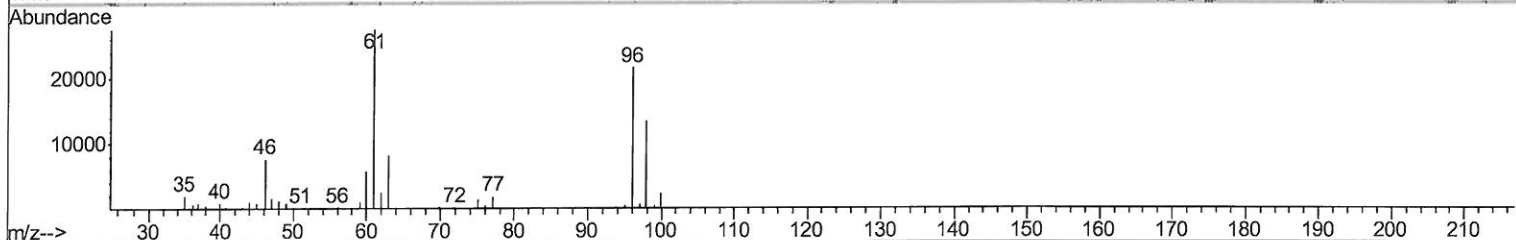
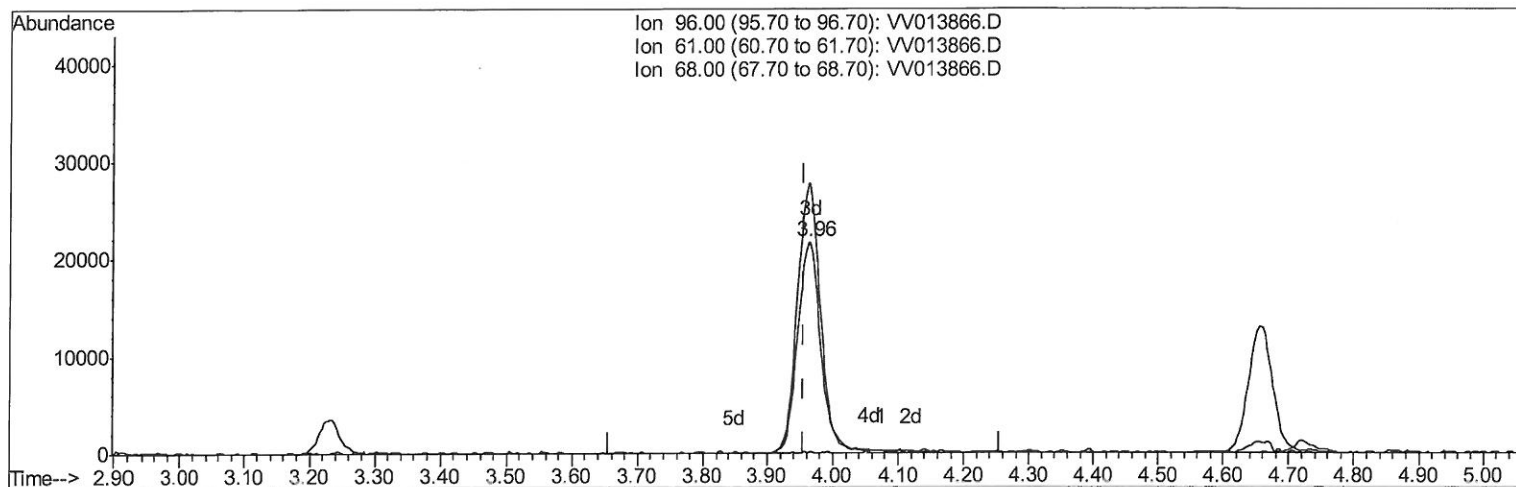
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TIC: VV013866.D

(20) cis-1,2-Dichloroethene (T)

3.965min (+0.010) 10.61ug/L m

response 52876

MD
 12/04/19

Ion	Exp%	Act%
96.00	100	100
61.00	121.90	126.91
68.00	0.00	0.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

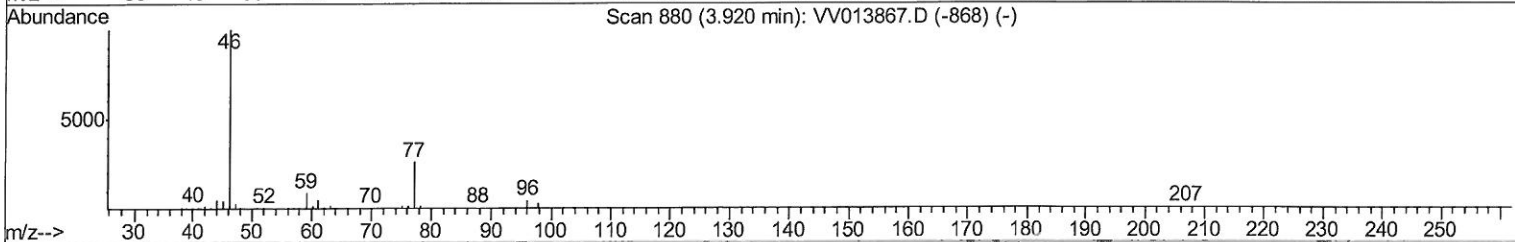
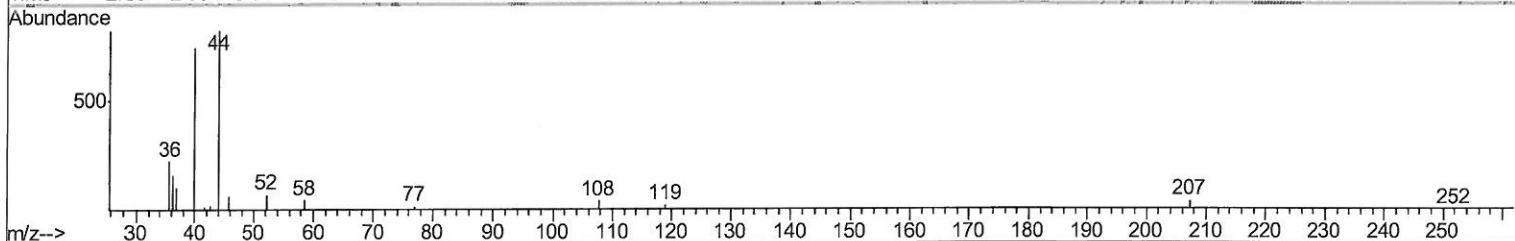
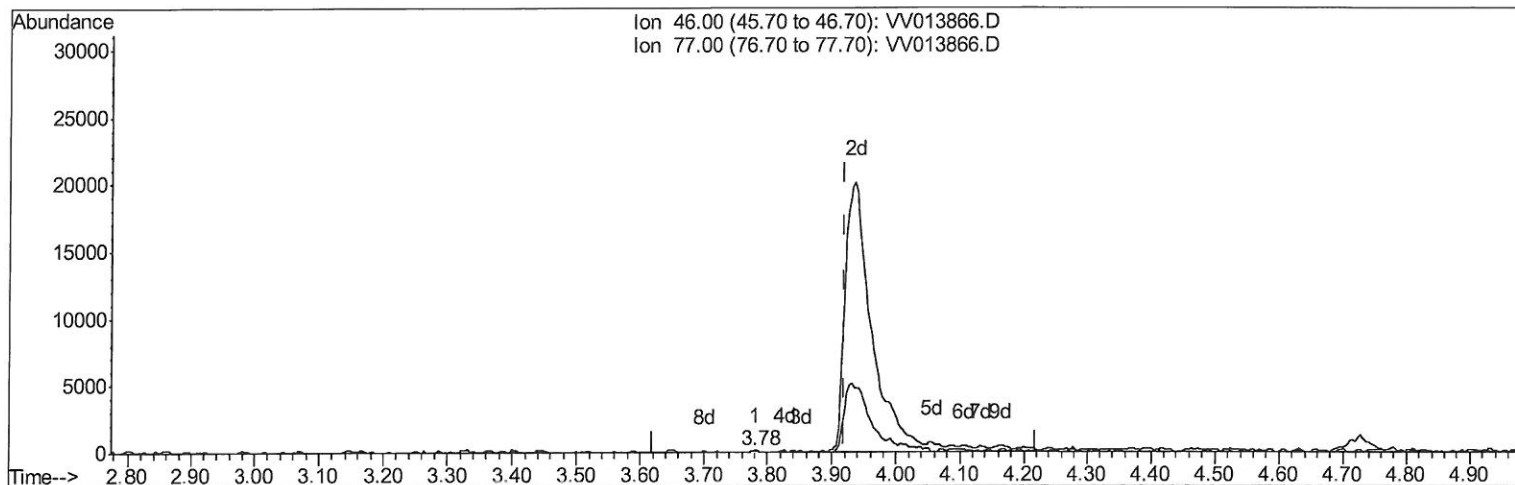
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TIC: VV013866.D

(21) 2-Butanone-d5 (S)
 3.782min (-0.138) 0.03ug/L
 response 78

Ion	Exp%	Act%
46.00	100	100
77.00	24.70	28.21
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

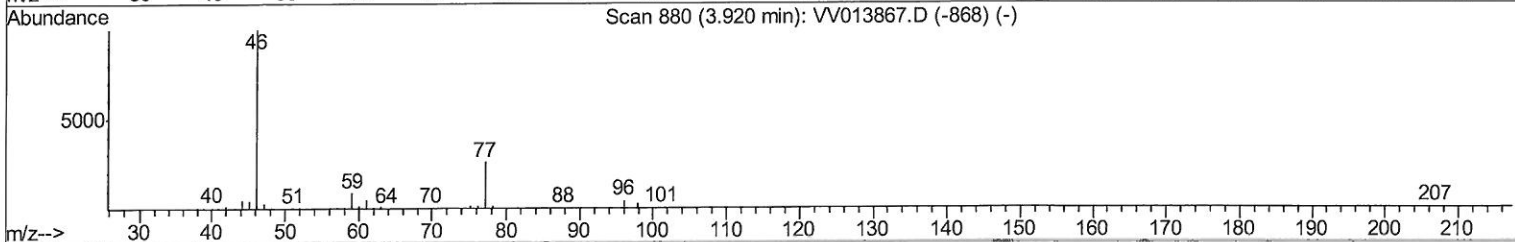
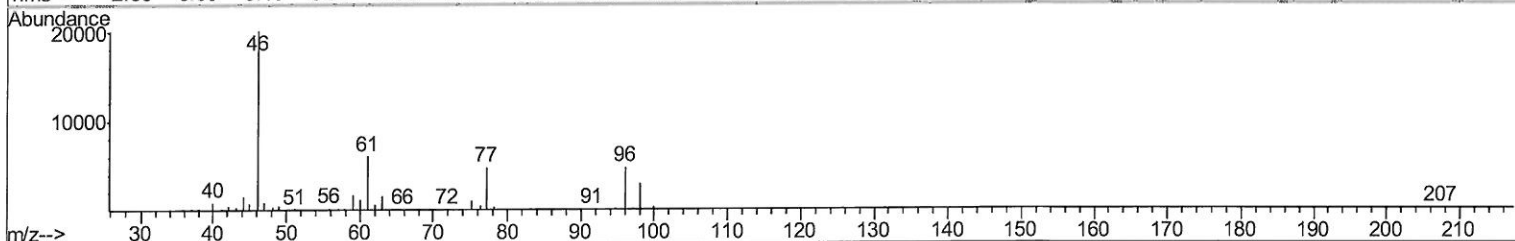
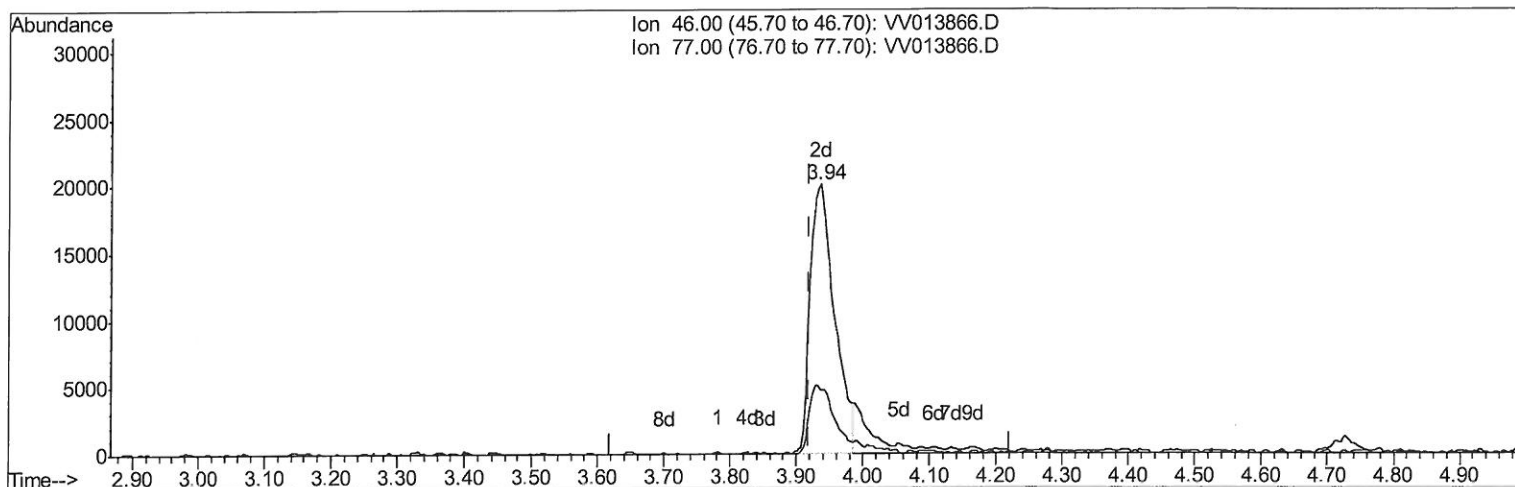
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TIC: VV013866.D

(21) 2-Butanone-d5 (S)

3.936min (+0.016) 17.35ug/L m

response 51370

Ion	Exp%	Act%
46.00	100	100
77.00	24.70	0.04#
0.00	0.00	0.00
0.00	0.00	0.00

7 mg
12/04/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	694869	50.00	uq/L	0.00
28) Chlorobenzene-d5	8.89	117	657695	50.00	uq/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	372524	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41625	10.33	uq/L	0.00
7) Chloroethane-d5	1.58	69	45297	12.98	uq/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	91868	12.39	uq/L	0.00
21) 2-Butanone-d5	3.94	46	51370m	17.35	uq/L	0.02
24) Chloroform-d	4.40	84	85303	9.80	uq/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	55631	9.81	uq/L	0.00
32) Benzene-d6	5.10	84	172677	9.92	uq/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	53217	9.56	uq/L	0.00
41) Toluene-d8	7.36	98	152435	9.54	uq/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	24007	9.30	uq/L	0.00
47) 2-Hexanone-d5	8.13	63	31991	15.87	uq/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	69054	9.55	uq/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	77519	10.52	ug/L	0.00

7 MD
 12/04/19

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	65715	11.403	uq/L 97
3) Chloromethane	1.25	50	59518	10.998	uq/L 98
5) Vinyl chloride	1.32	62	59770	11.550	uq/L 89
6) Bromomethane	1.53	94	36824	14.058	uq/L 99
8) Chloroethane	1.60	64	42576	14.017	uq/L 97
9) Trichlorofluoromethane	1.77	101	96518	13.474	uq/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	55990	13.813	uq/L 97
12) 1,1-Dichloroethene	2.14	96	51467	13.330	uq/L 96
13) Acetone	2.18	43	87515	29.443	uq/L 94
14) Carbon disulfide	2.32	76	136338	10.755	uq/L 99
15) Methyl Acetate	2.46	43	55492	11.120	uq/L 97
16) Methylene chloride	2.54	84	54976	11.153	uq/L 95
17) trans-1,2-Dichloroethene	2.79	96	49910	10.959	uq/L 97
18) Methyl tert-butyl Ether	2.80	73	142688	10.345	uq/L 98
19) 1,1-Dichloroethane	3.23	63	92605	10.842	uq/L 100
20) cis-1,2-Dichloroethene	3.96	96	52876m	10.611	uq/L 87
22) 2-Butanone	4.02	43	74563	20.363	uq/L 99
23) Bromochloromethane	4.30	128	30994	11.743	uq/L 96
25) Chloroform	4.42	83	99929	11.256	uq/L 97
27) 1,2-Dichloroethane	5.18	62	71364	10.627	uq/L 99
29) Cyclohexane	4.73	56	72424	9.675	uq/L 99
30) 1,1,1-Trichloroethane	4.66	97	80052	10.864	uq/L 99
31) Carbon tetrachloride	4.87	117	70985	10.795	uq/L 99
33) Benzene	5.15	78	195790	10.512	uq/L 100
34) Trichloroethene	5.96	95	54106	10.854	uq/L 95
35) Methylcyclohexane	6.17	83	71690	9.409	uq/L 93
37) 1,2-Dichloropropane	6.22	63	48431	10.003	uq/L # 93
38) Bromodichloromethane	6.55	83	67049	10.433	uq/L 97
39) cis-1,3-Dichloropropene	7.07	75	70521	9.515	uq/L 99
40) 4-Methyl-2-pentanone	7.27	43	111856	18.163	ug/L 97

7 MD
 12/04/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	197920	10.231	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	64432	10.021	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	46140	10.064	ug/L	96
46) Tetrachloroethene	8.02	164	47970	11.170	ug/L	97
48) 2-Hexanone	8.18	43	87705	18.146	ug/L	98
49) Dibromochloromethane	8.29	129	59037	11.111	ug/L	98
50) 1,2-Dibromoethane	8.39	107	52991	10.921	ug/L	94
51) Chlorobenzene	8.92	112	138204	10.649	ug/L	98
52) Ethylbenzene	9.05	91	209376	9.944	ug/L	100
53) m,p-Xylene	9.18	106	80467	10.009	ug/L	100
54) o-xylene	9.58	106	78713	10.081	ug/L	98
55) Styrene	9.60	104	133187	9.820	ug/L	97
56) Isopropylbenzene	9.97	105	205521	9.873	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	73571	10.439	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	62424	10.628	ug/L	98
61) Bromoform	9.77	173	45759	10.567	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	127009	11.251	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	131212	11.182	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	128156	11.334	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	17815	11.381	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	102255	11.546	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	86082	11.043	ug/L	99
69) Naphthalene	13.55	128	196286	9.425	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	89115	10.712	ug/L	99

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