

(QT Reviewed)

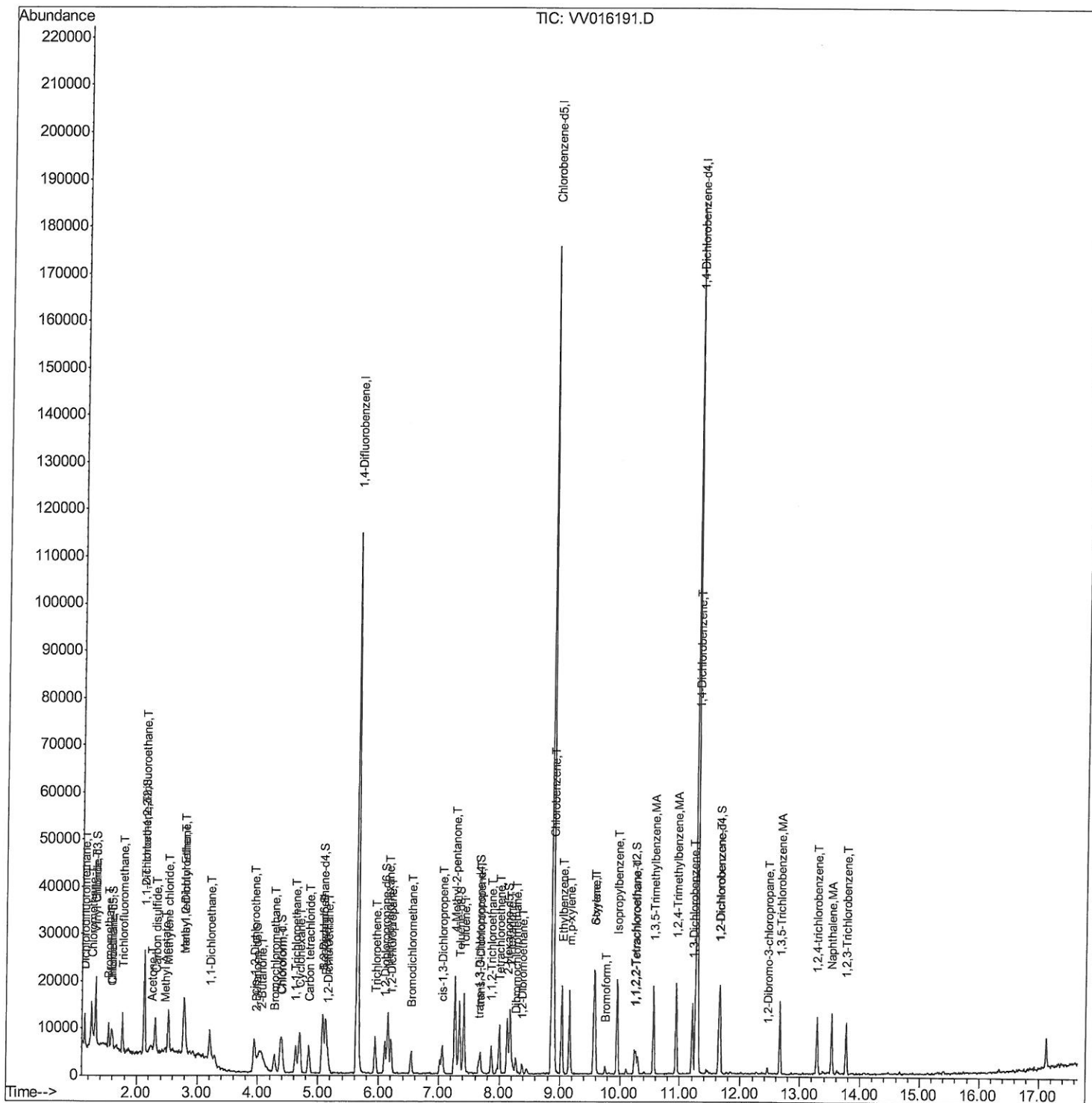
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
Data File : VV016191.D
Acq On : 26 May 2020 14:46
Operator : SY/MD
Sample : VSTD0.532
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Manual Integrations APPROVED

MMDadoda
5/28/2020 5:16:57 PM

Quant Time: May 27 02:11:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 02:00:41 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

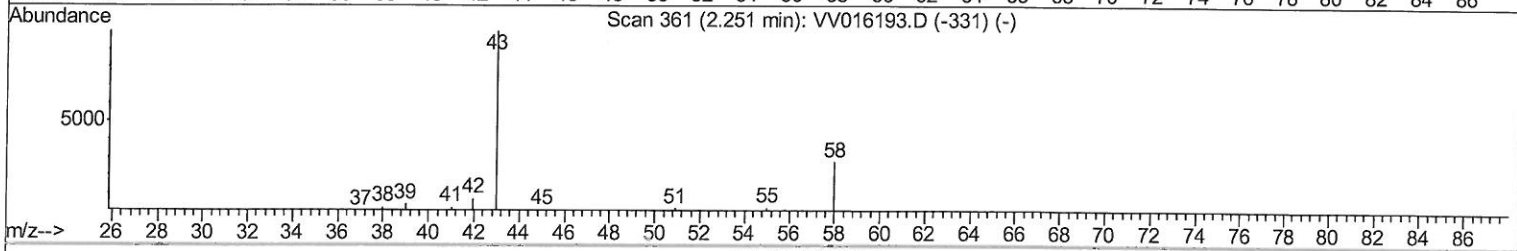
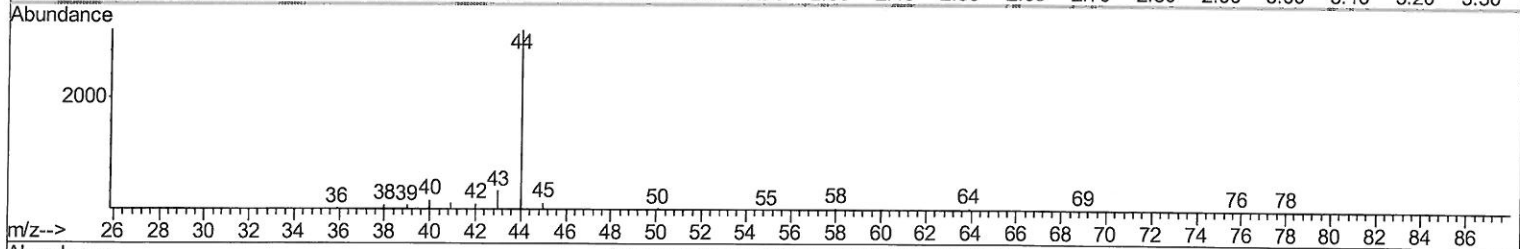
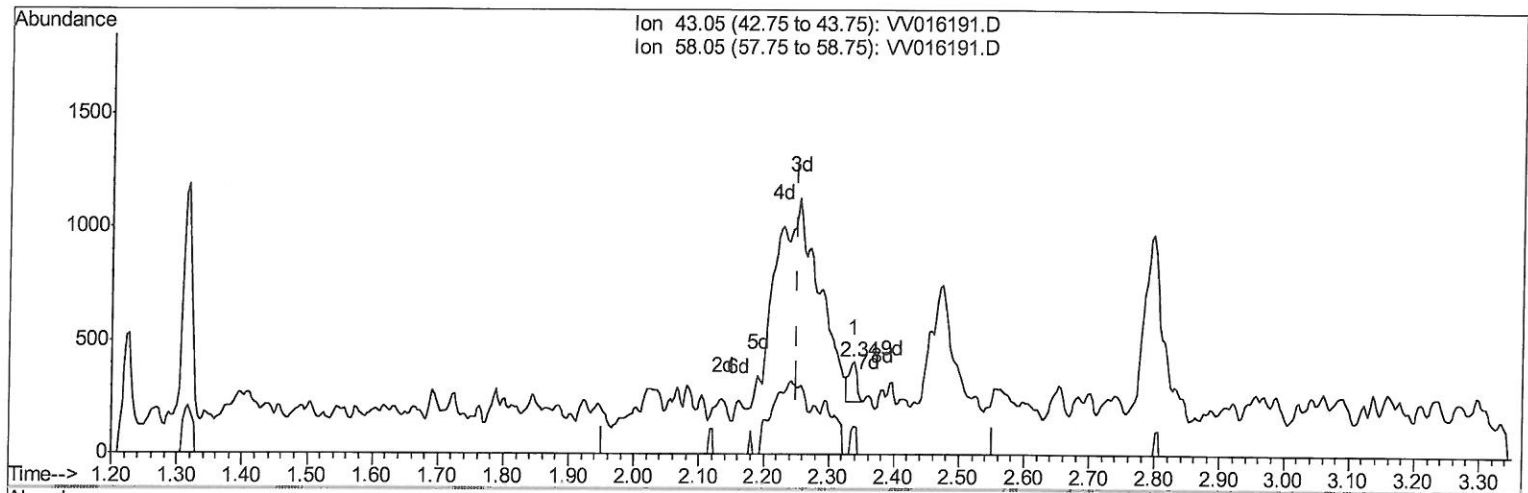
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TIC: VV016191.D

(13) Acetone (T)

2.338min (+0.087) 0.16ug/L

response 148

Ion	Exp%	Act%
43.05	100	100
58.05	24.40	45.95
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

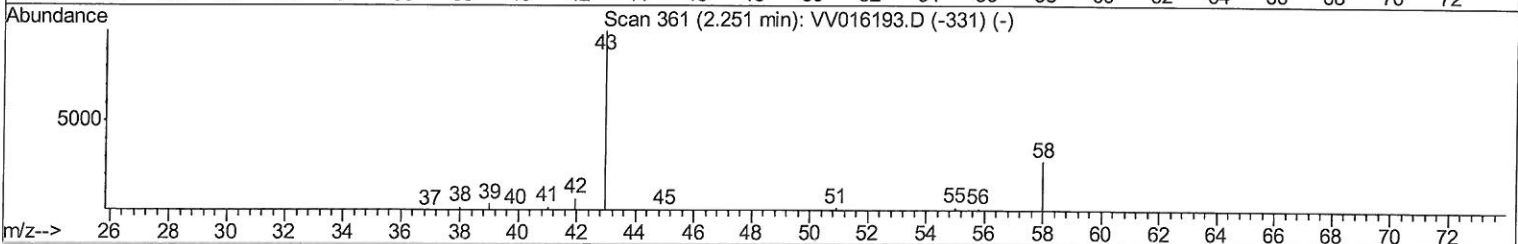
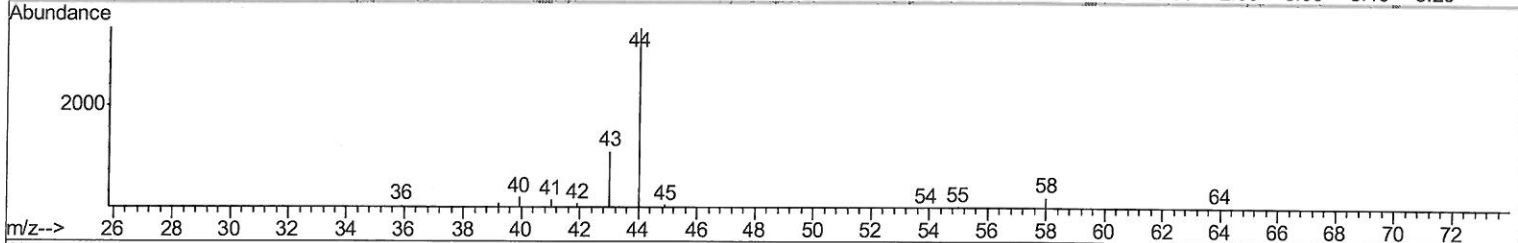
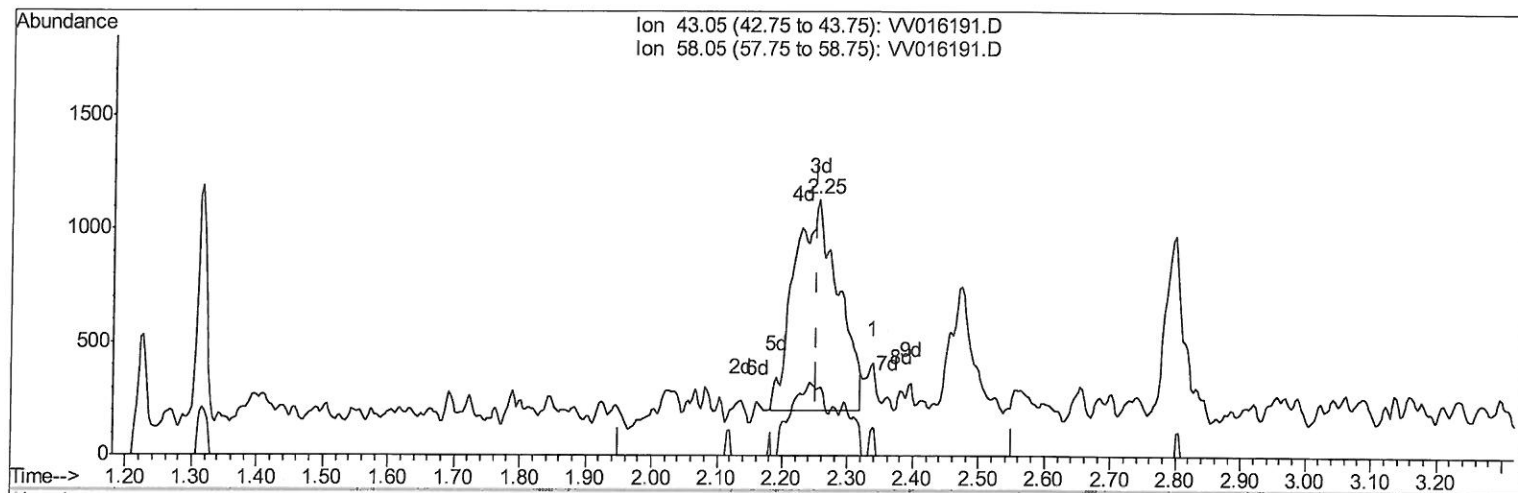
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TIC: VV016191.D

(13) Acetone (T)

2.254min (+0.003) 4.61ug/L m

response 4331

Ion	Exp%	Act%
43.05	100	100
58.05	24.40	1.57
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

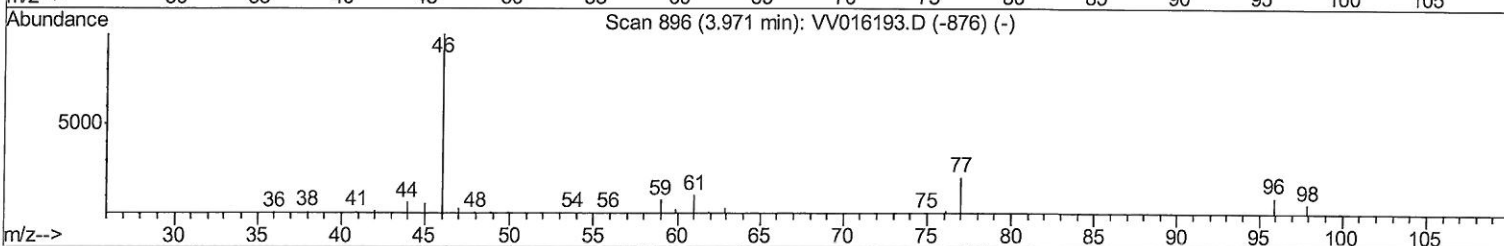
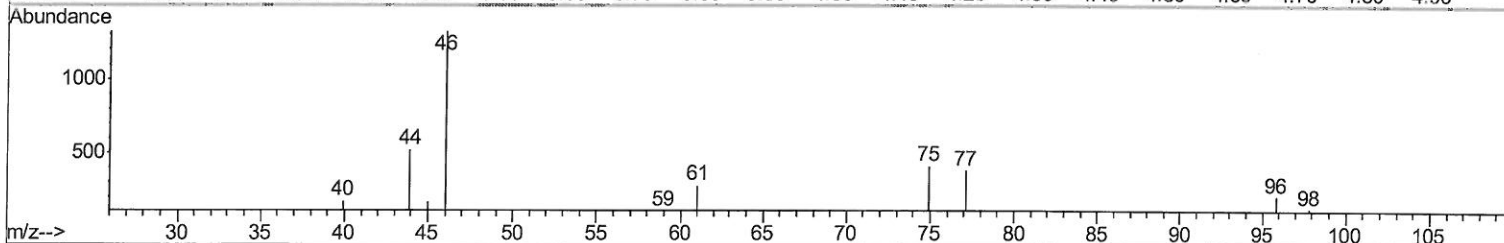
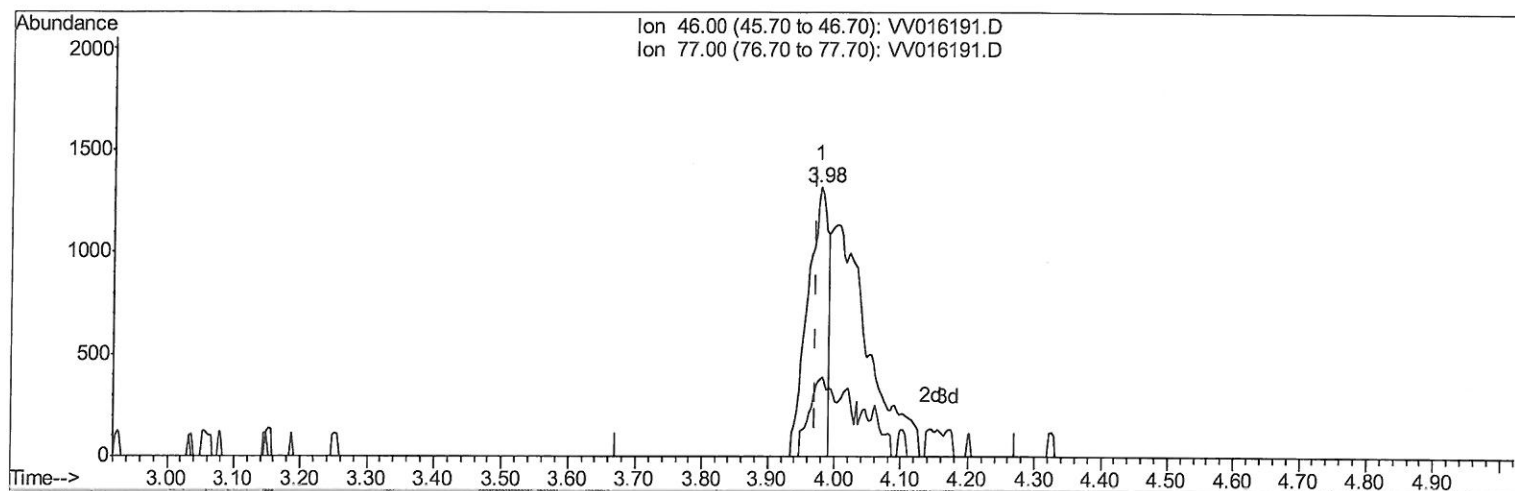
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TIC: VV016191.D

(20) 2-Butanone-d5 (S)
 3.978min (+0.007) 1.98ug/L
 response 2824

Ion	Exp%	Act%
46.00	100	100
77.00	9.50	34.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

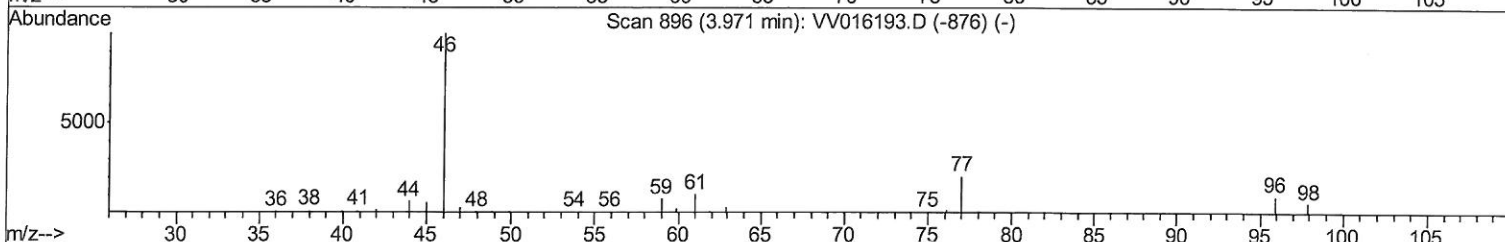
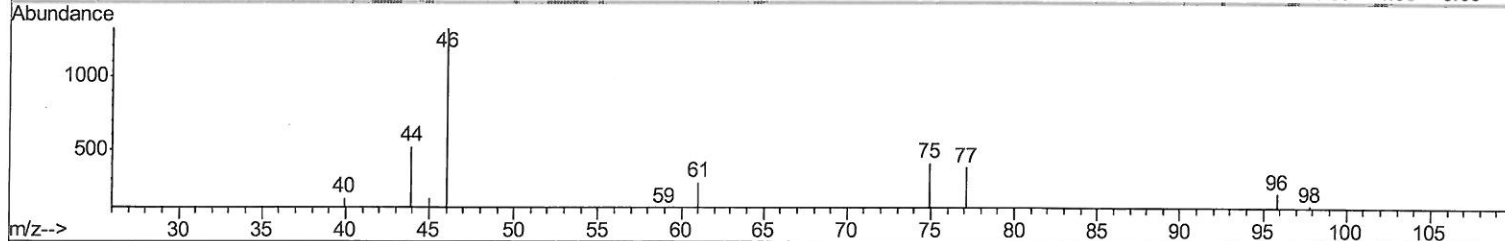
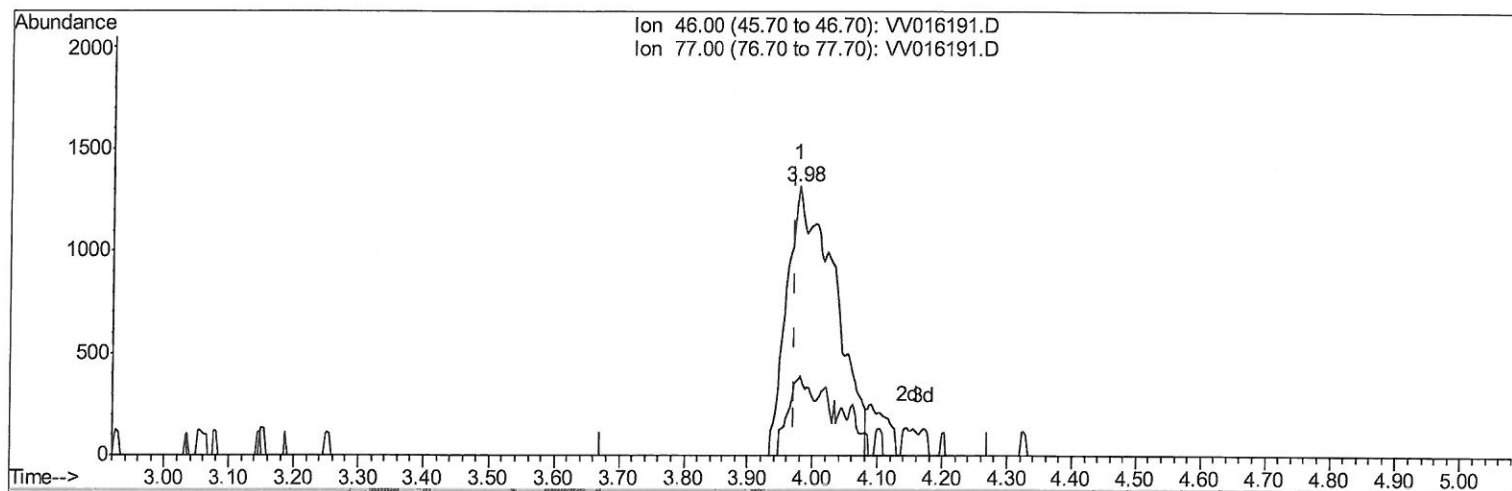
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TIC: VV016191.D

(20) 2-Butanone-d5 (S)

3.978min (+0.007) 4.71ug/L m

response 6726

Ion	Exp%	Act%
46.00	100	100
77.00	9.50	14.35#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

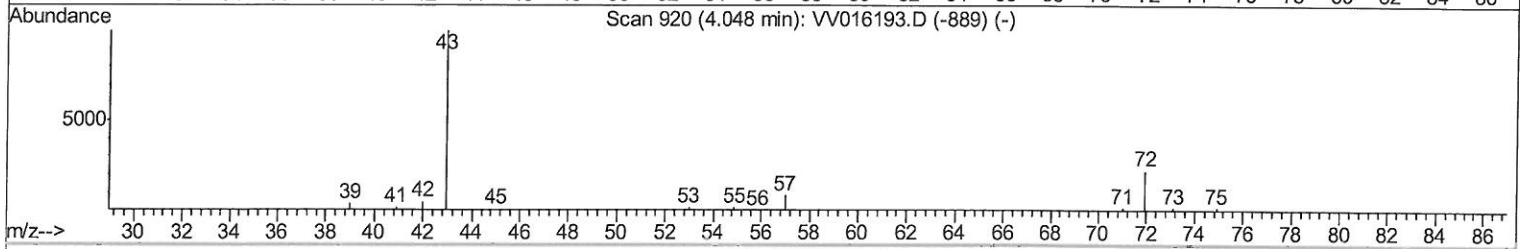
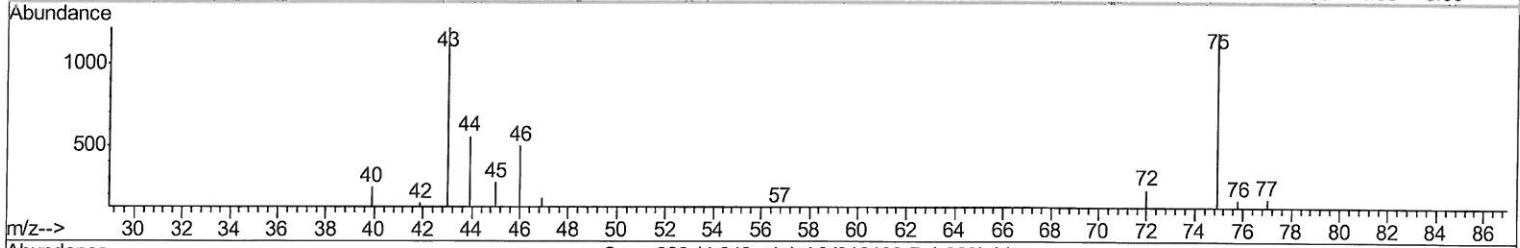
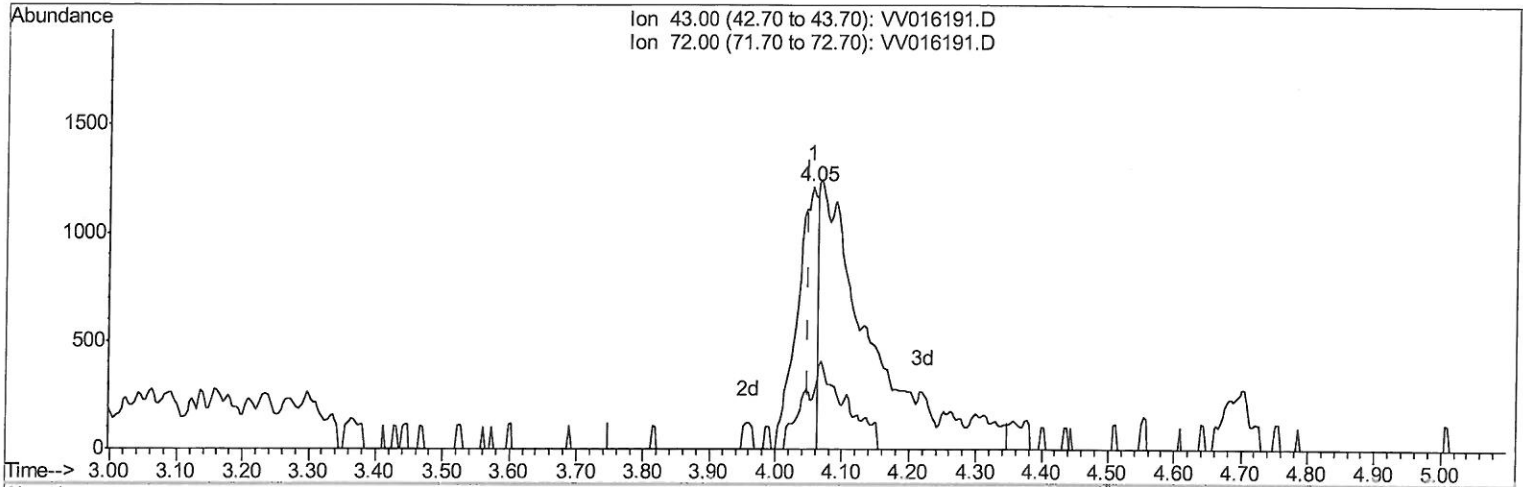
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TIC: VV016191.D

(21) 2-Butanone (T)

4.055min (+0.007) 1.72ug/L

response 2551

Ion	Exp%	Act%
43.00	100	100
72.00	19.30	16.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

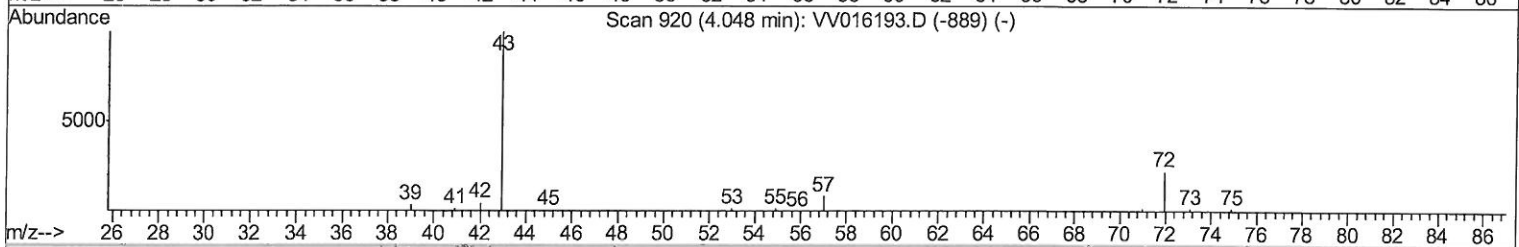
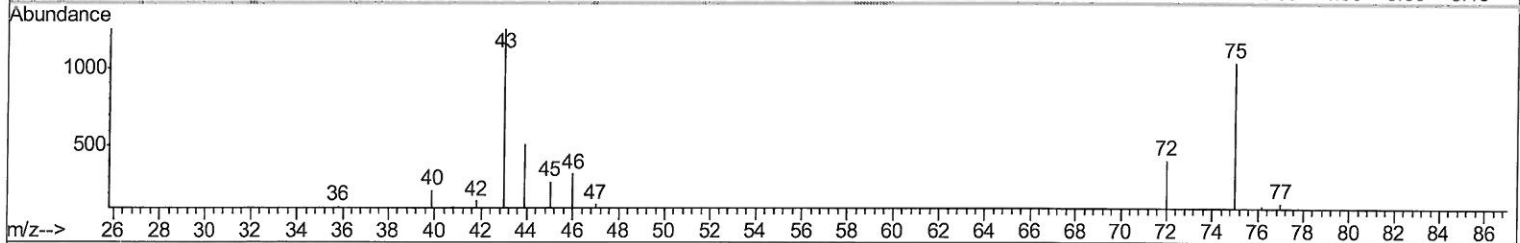
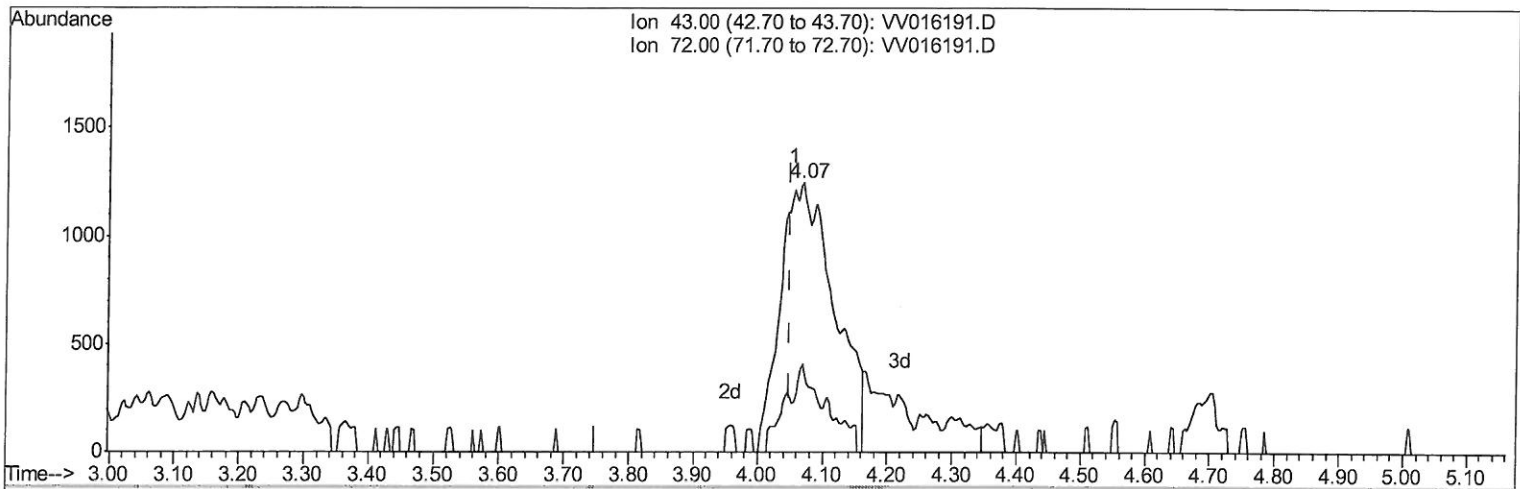
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TIC: VV016191.D

(21) 2-Butanone (T)

4.068min (+0.019) 4.85ug/L m

response 7199

Ion	Exp%	Act%
43.00	100	100
72.00	19.30	5.85#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

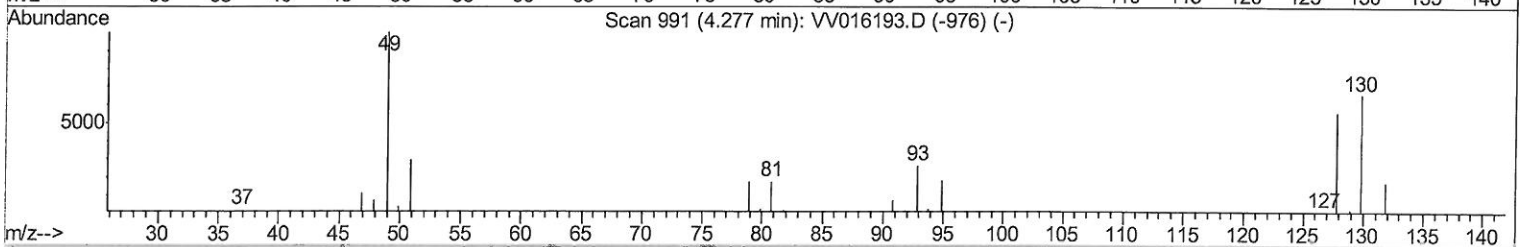
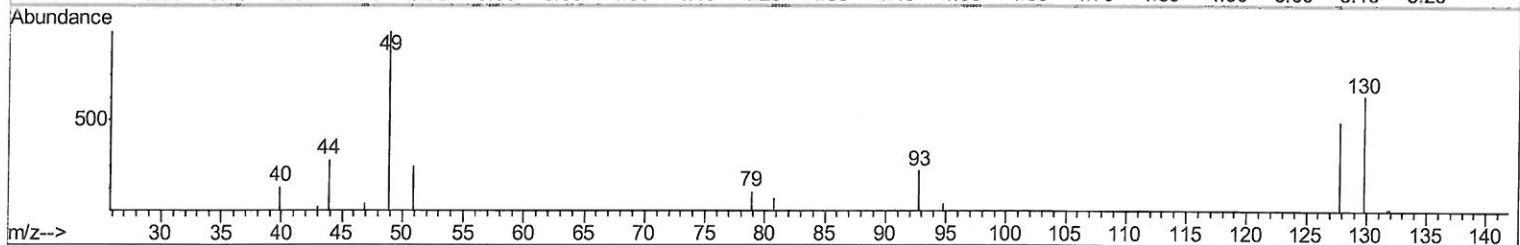
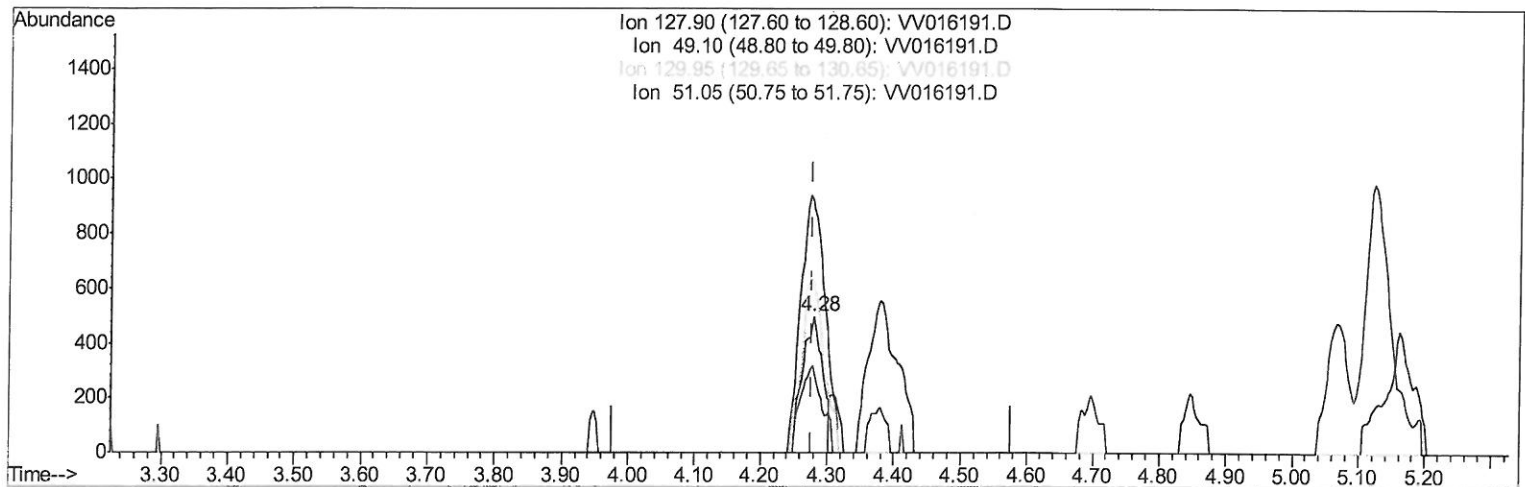
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TIC: VV016191.D

(23) Bromochloromethane (T)

4.280min (+0.003) 0.41ug/L

response 1057

Ion	Exp%	Act%
127.90	100	100
49.10	179.30	179.28
129.95	118.60	122.54
51.05	53.60	59.36

Quantitation Report (Qedit)

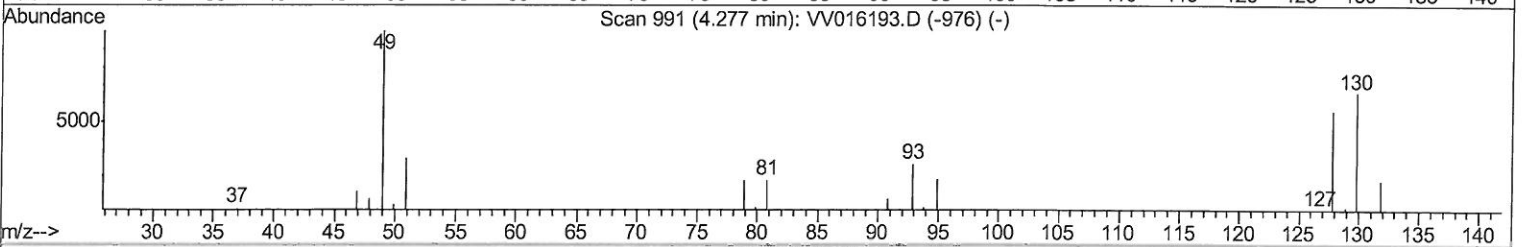
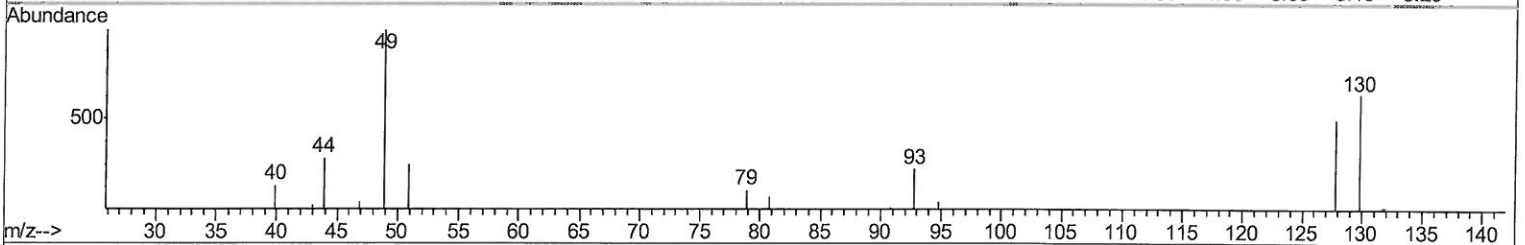
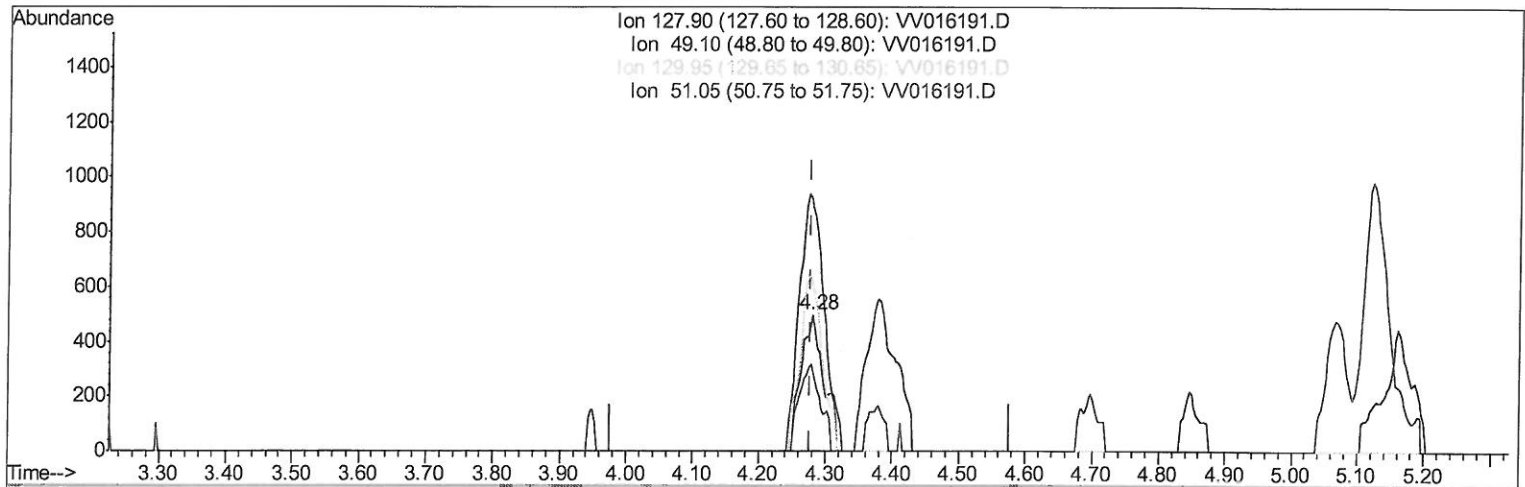
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TIC: VV016191.D

(23) Bromochloromethane (T)

4.280min (+0.003) 0.47ug/L m

response 1198

Ion	Exp%	Act%
127.90	100	100
49.10	179.30	179.28
129.95	118.60	122.54
51.05	53.60	59.36

> 770
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.64	114	92090	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	87867	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	41467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2844	0.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	2803	0.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	5485	0.50	ug/L	0.00
20) 2-Butanone-d5	3.98	46	6726m	4.71	ug/L	0.00
24) Chloroform-d	4.38	84	5567	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	3122	0.50	ug/L	0.00
32) Benzene-d6	5.08	84	10616	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	3361	0.52	ug/L	0.00
41) Toluene-d8	7.34	98	9674	0.48	ug/L	0.00
45) trans-1,3-Dichloropropene	7.65	79	980	0.39	ug/L	0.00
48) 2-Hexanone-d5	8.13	63	4913	4.42	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane	10.24	84	2478	0.54	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	3502	0.51	ug/L	0.00

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Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.14	85	3585	0.488	ug/L	91
3) Chloromethane	1.25	50	4367	0.578	ug/L	98
5) Vinyl chloride	1.32	62	3767	0.526	ug/L	95
6) Bromomethane	1.53	94	2015	0.494	ug/L	99
8) Chloroethane	1.60	64	1941	0.388	ug/L	83
9) Trichlorofluoromethane	1.76	101	4641	0.479	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2596	0.475	ug/L	98
12) 1,1-Dichloroethene	2.13	96	2590	0.498	ug/L	86
13) Acetone	2.25	43	4331m	4.611	ug/L	98
14) Carbon disulfide	2.31	76	7828	0.462	ug/L	98
15) Methyl Acetate	2.47	43	1203	0.537	ug/L #	87
16) Methylene chloride	2.52	84	3683	0.598	ug/L	91
17) Methyl tert-butyl Ether	2.79	73	6147	0.459	ug/L #	92
18) trans-1,2-Dichloroethene	2.78	96	2926	0.512	ug/L	98
19) 1,1-Dichloroethane	3.21	63	4969	0.455	ug/L	94
21) 2-Butanone	4.07	43	7199m	4.850	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	3769	0.619	ug/L	96
23) Bromochloromethane	4.28	128	1198m	0.469	ug/L	96
25) Chloroform	4.41	83	5413	0.451	ug/L	96
27) 1,2-Dichloroethane	5.16	62	3734	0.497	ug/L #	92
29) 1,1,1-Trichloroethane	4.63	97	4617	0.465	ug/L	100
30) Cyclohexane	4.69	56	5036	0.499	ug/L #	92
31) Carbon tetrachloride	4.85	117	3918	0.457	ug/L	99
33) Benzene	5.12	78	11369	0.495	ug/L	100
34) Trichloroethene	5.94	95	2958	0.461	ug/L	96
35) Methylcyclohexane	6.15	83	4998	0.503	ug/L	96
37) 1,2-Dichloropropane	6.20	63	2775	0.475	ug/L #	88
38) Bromodichloromethane	6.54	83	3215	0.441	ug/L #	87
39) cis-1,3-Dichloropropene	7.05	75	3447	0.421	ug/L	87
40) 4-Methyl-2-pentanone	7.26	43	15800	4.370	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	12494	0.512	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	9927	0.440	ug/L	96
44) 1,2,4-Trimethylbenzene	10.94	105	10476	0.464	ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	2766	0.400	ug/L	98
47) 1,1,2-Trichloroethane	7.87	97	1622	0.418	ug/L	93
49) Tetrachloroethene	8.00	164	2013	0.445	ug/L	93
50) 2-Hexanone	8.17	43	10584	4.164	ug/L	99
51) Dibromochloromethane	8.27	129	1722	0.404	ug/L	89
52) 1,2-Dibromoethane	8.38	107	1570	0.438	ug/L #	86
53) Chlorobenzene	8.90	112	7548	0.483	ug/L	96
54) Ethylbenzene	9.03	91	13227	0.475	ug/L	97
55) m,p-xylene	9.16	106	4658	0.453	ug/L	98
56) o-xylene	9.57	106	4718	0.480	ug/L	78
57) Styrene	9.58	104	7141	0.434	ug/L	97
58) Isopropylbenzene	9.95	105	12581	0.467	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	2249	0.528	ug/L	89
62) Bromoform	9.75	173	655	0.341	ug/L #	77
63) 1,3-Dichlorobenzene	11.21	146	5498	0.475	ug/L	95
64) 1,4-Dichlorobenzene	11.30	146	6108	0.523	ug/L	93
66) 1,2-Dichlorobenzene	11.67	146	5138	0.490	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	283	0.407	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	3794	0.450	ug/L	96
69) 1,2,4-trichlorobenzene	13.29	180	3352	0.461	ug/L	97
70) Naphthalene	13.53	128	9537	0.784	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	3103	0.484	ug/L	95

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