

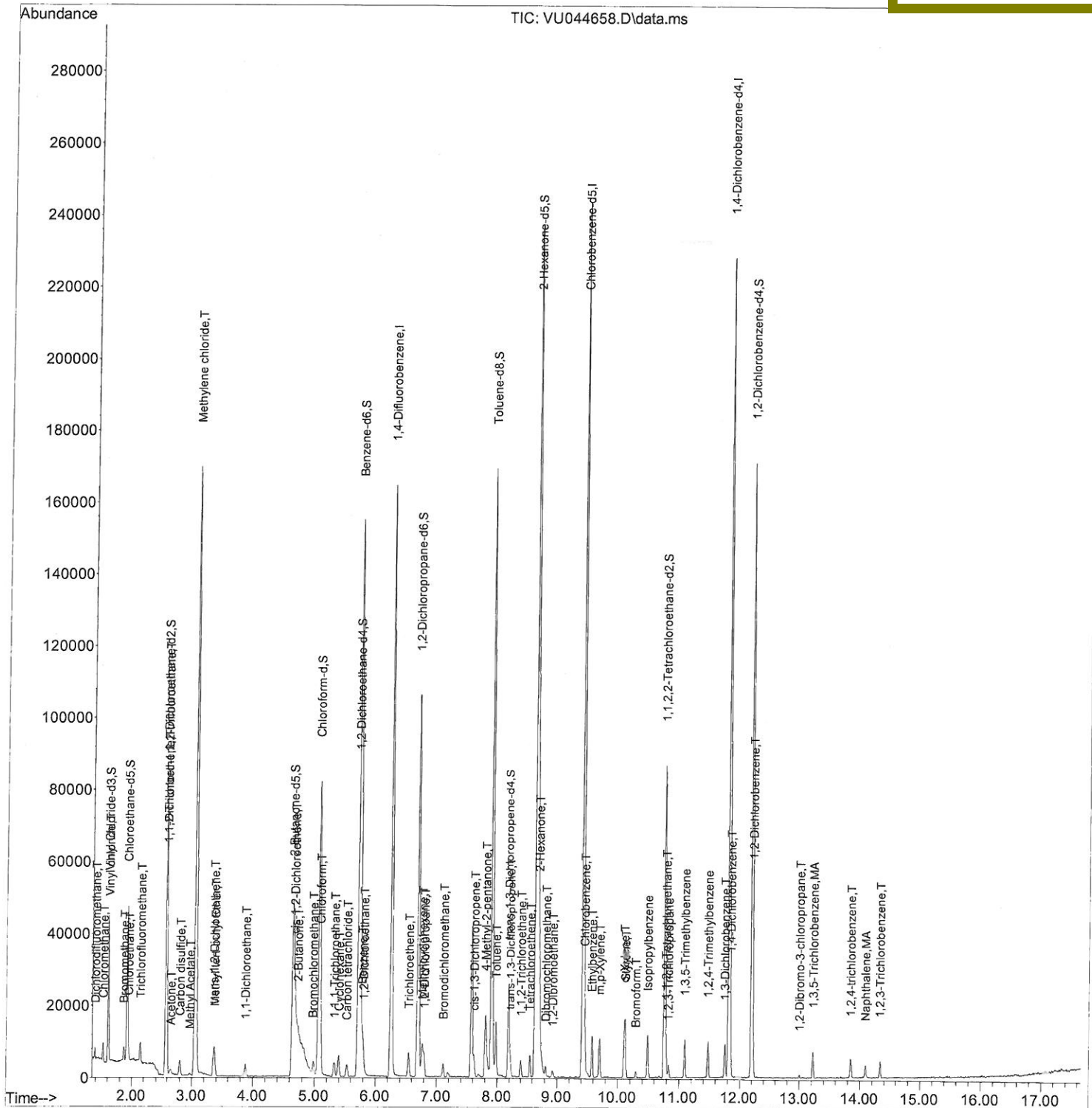
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091621\
Data File : VU044658.D
Acq On : 16 Sep 2021 13:25
Operator : SY/MD
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
Client Sample ID :
MDL06

Quant Time: Sep 17 04:30:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 17 02:59:59 2021
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

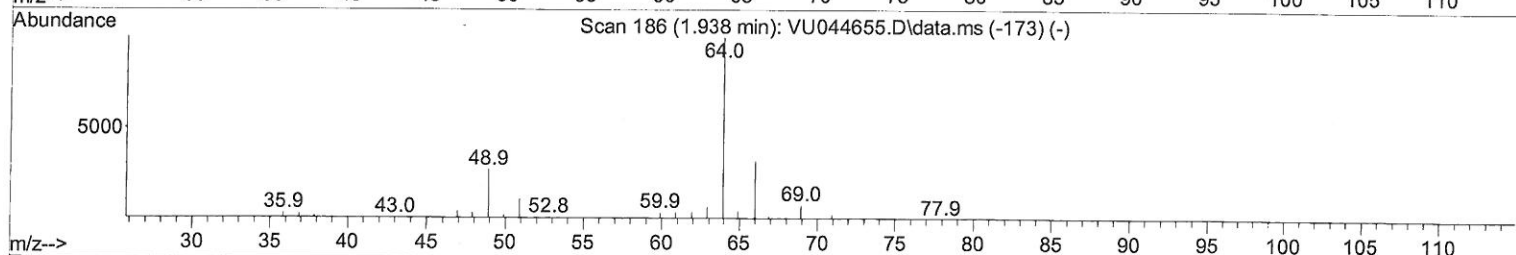
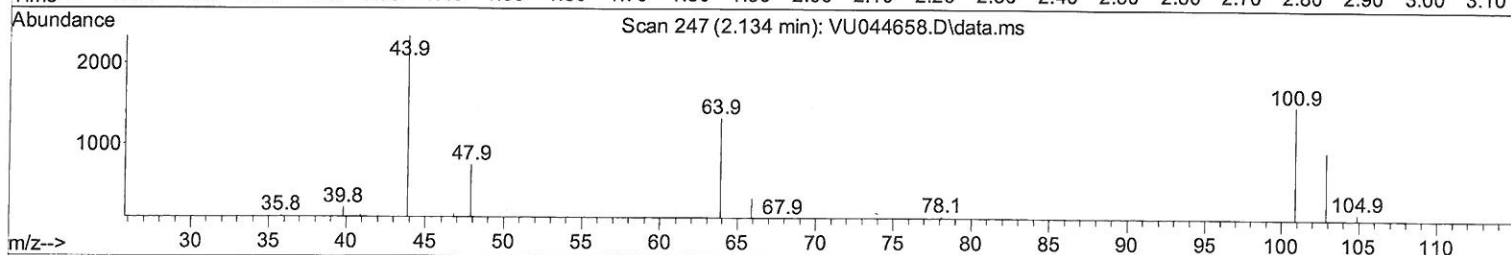
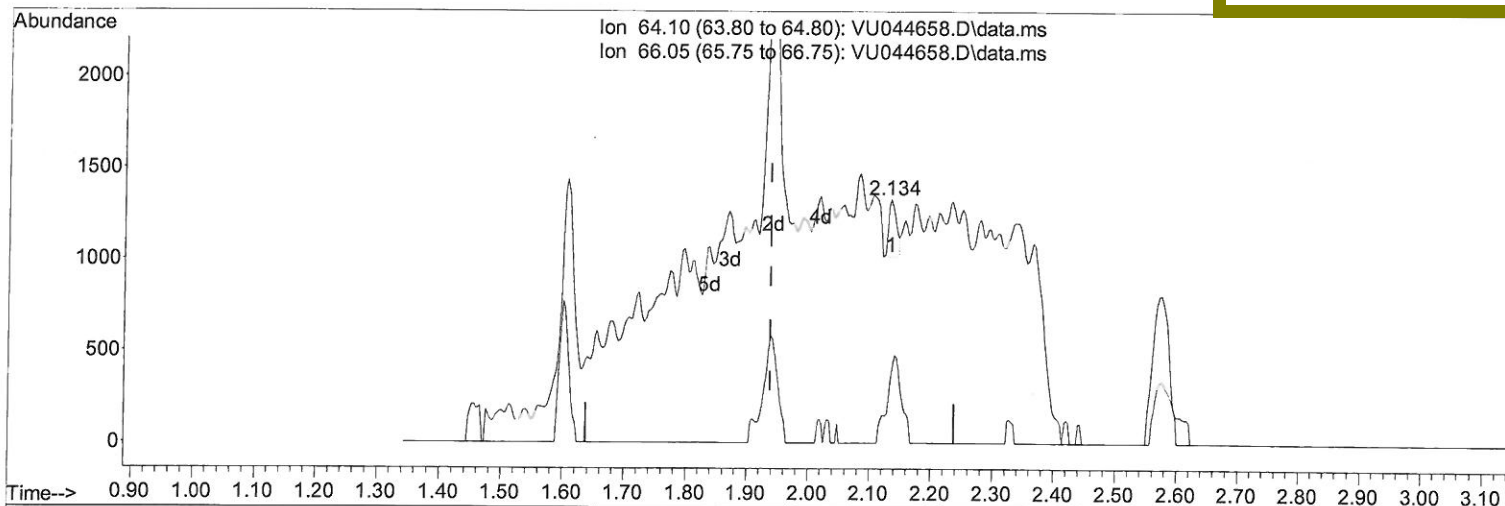
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TIC: VU044658.D\data.ms

(8) Chloroethane (T)

2.134min (+ 0.196) 0.04 ug/L

response 275

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	31.60	25.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

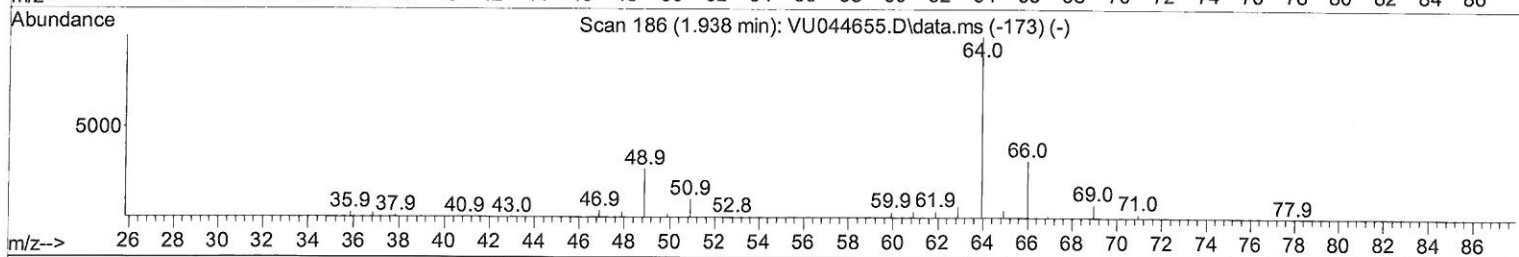
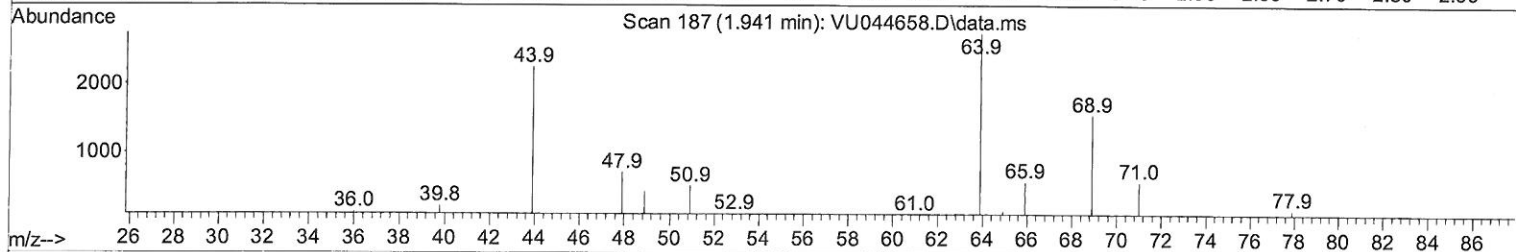
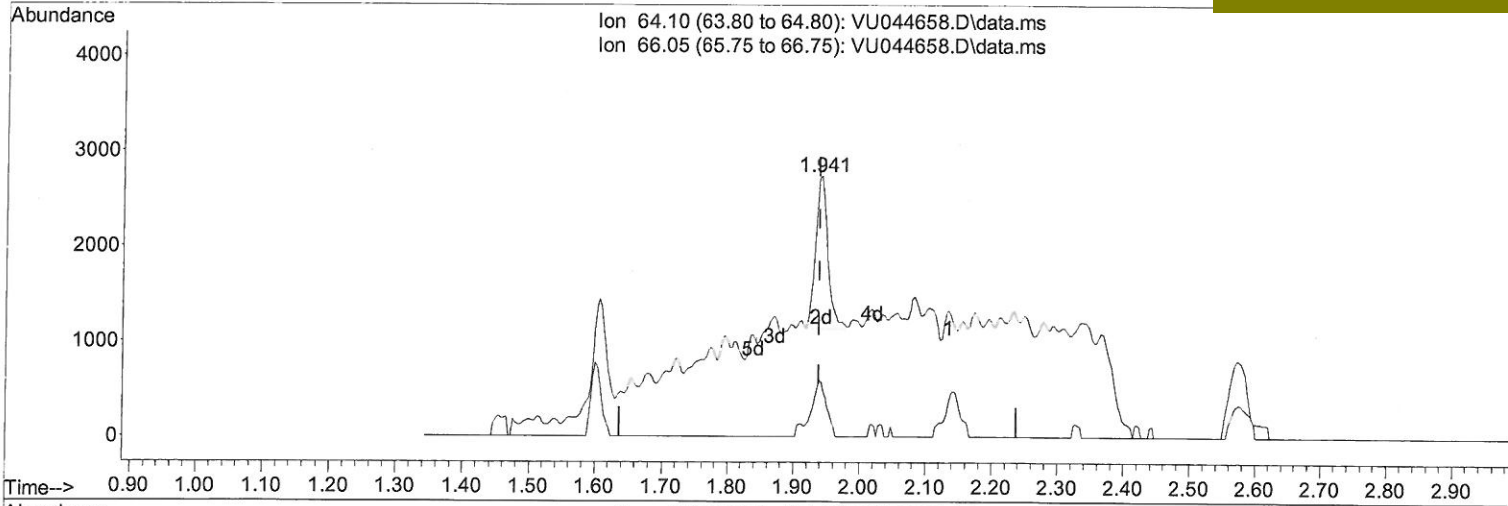
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TIC: VU044658.D\data.ms

(8) Chloroethane (T)

1.941min (+ 0.003) 0.27 ug/L m

response 2074

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	31.60	20.80#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

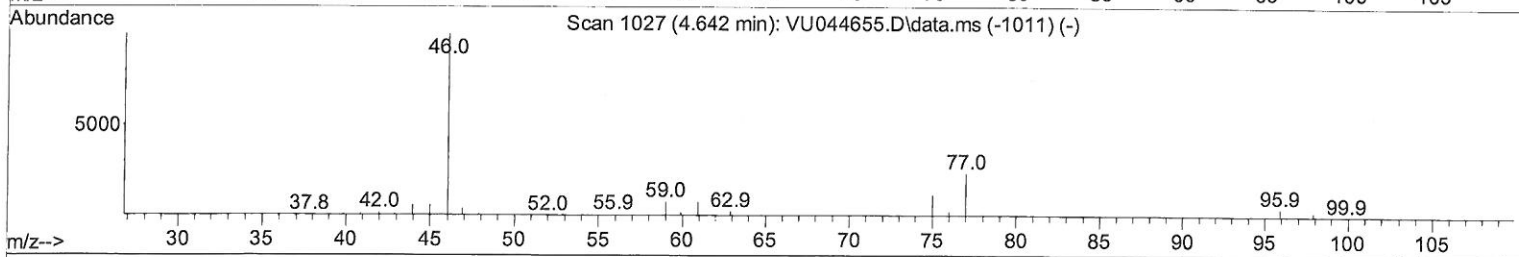
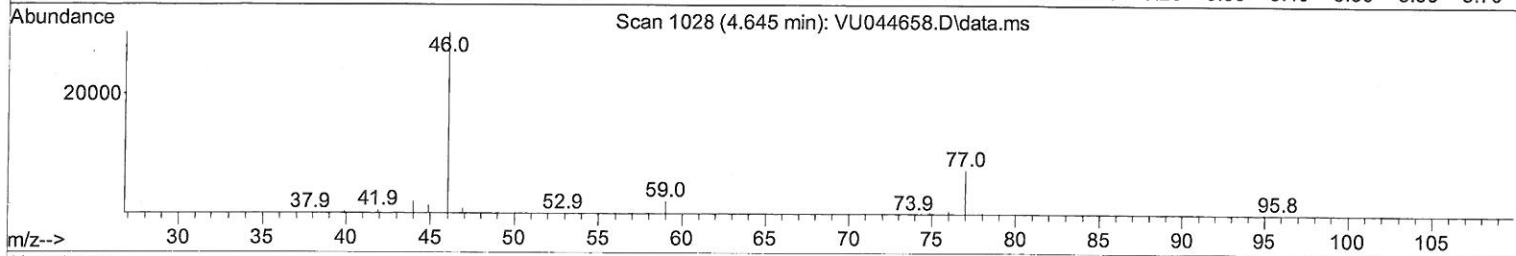
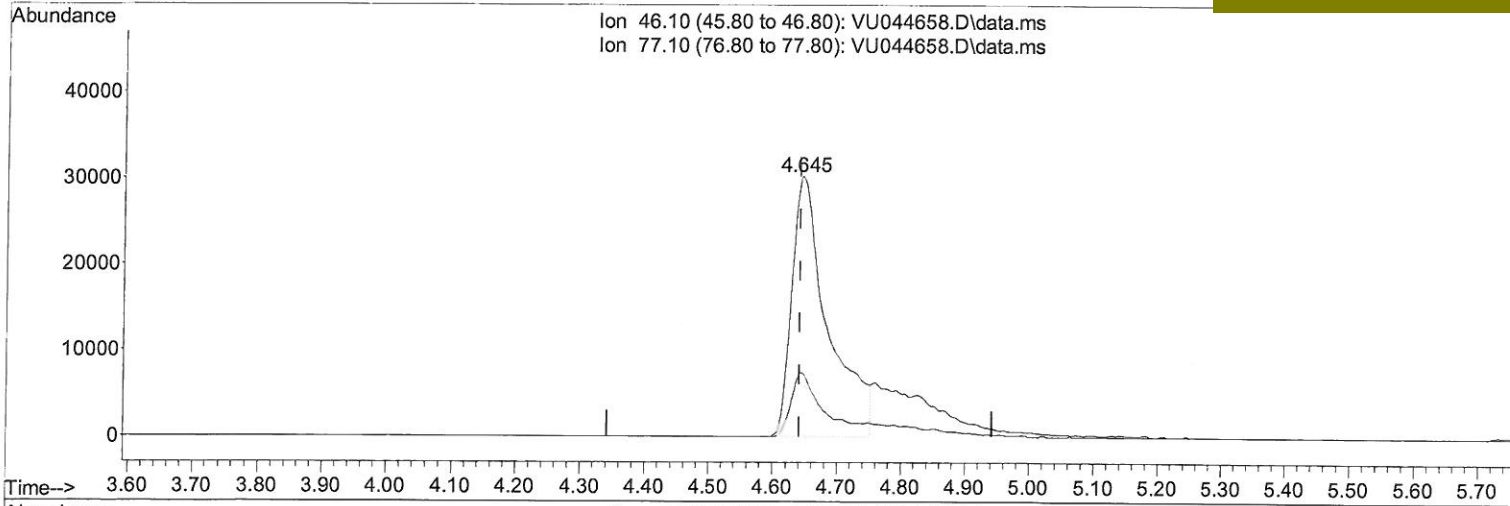
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TIC: VU044658.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 38.75 ug/L

response 118365

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	18.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

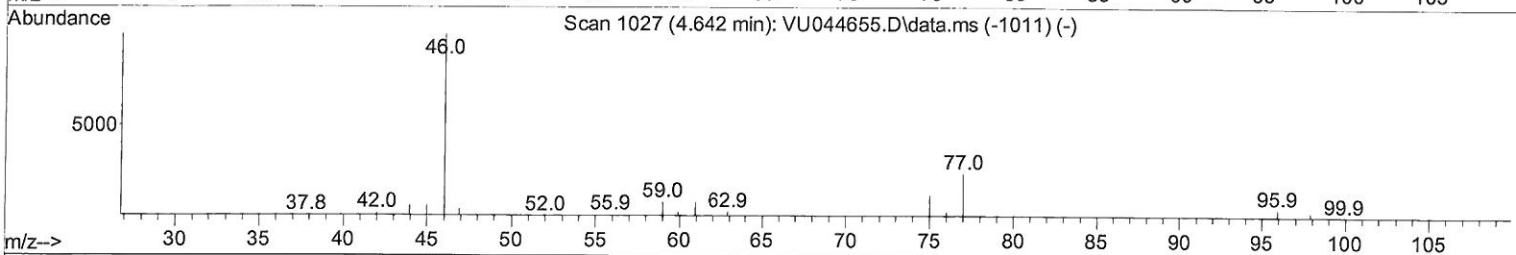
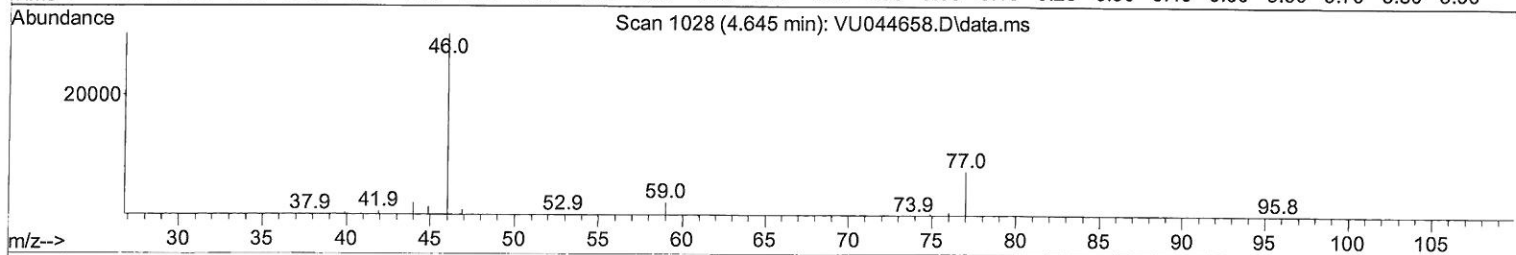
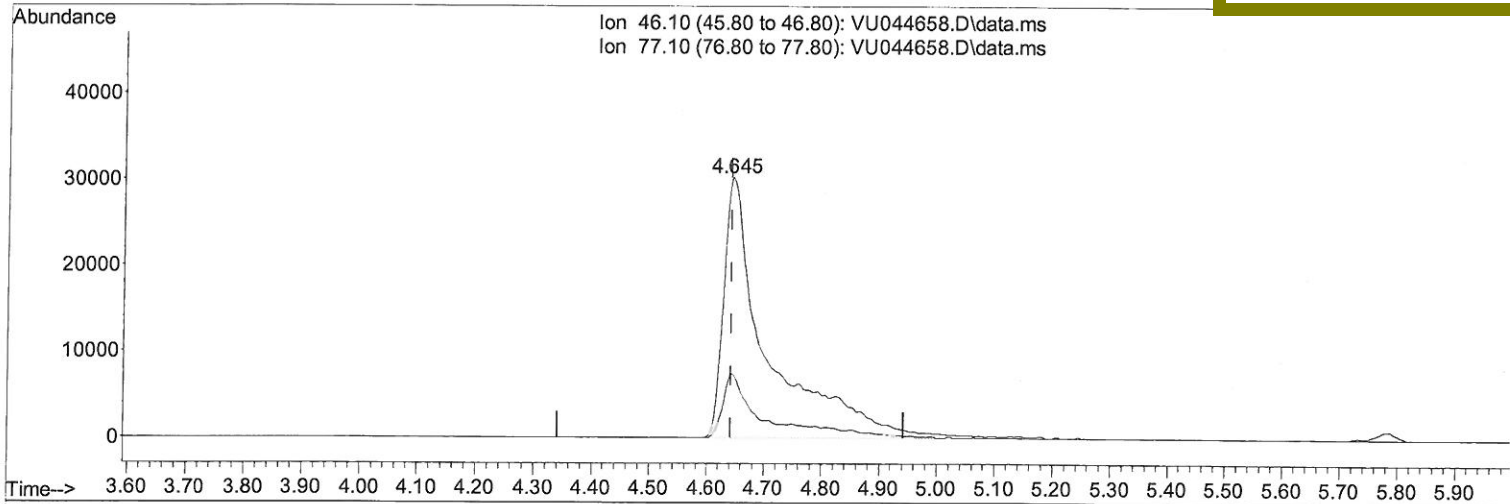
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TIC: VU044658.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 52.63 ug/L m

response 160767

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	13.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

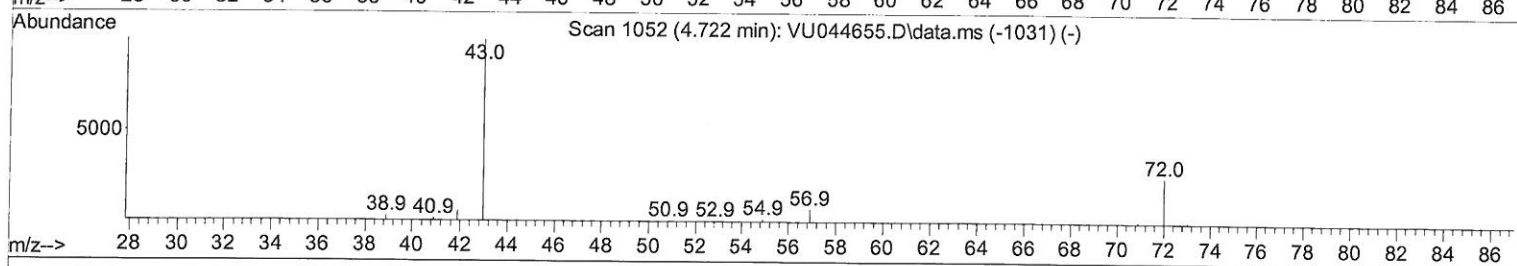
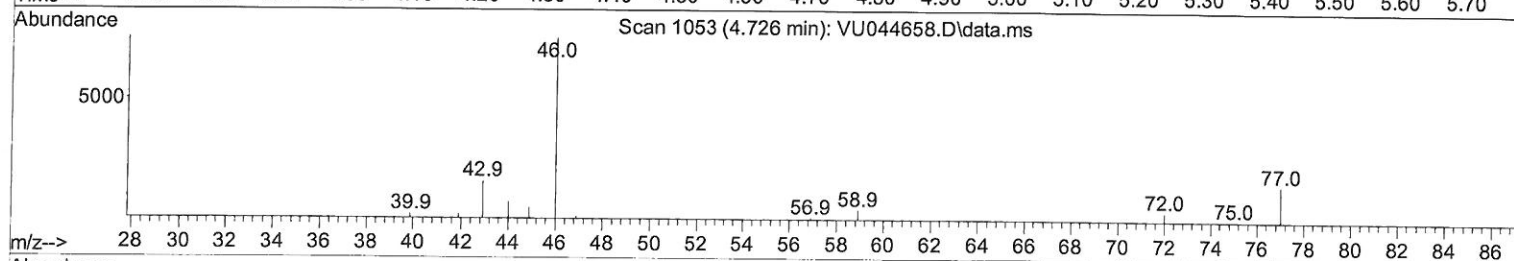
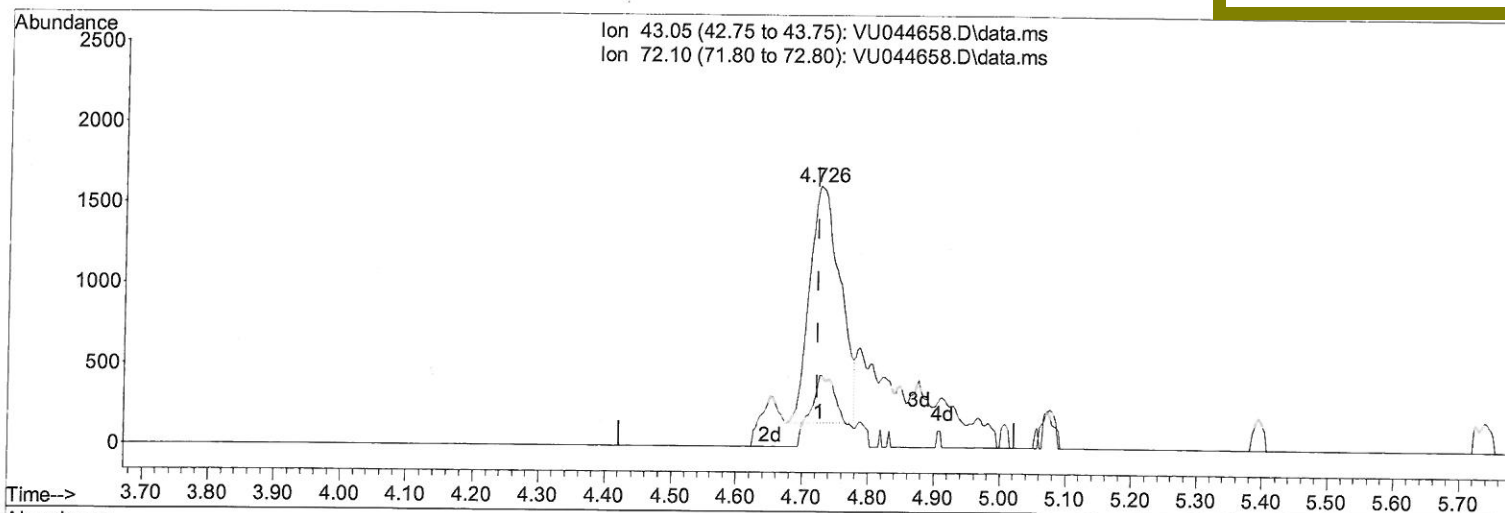
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TIC: VU044658.D\data.ms

(21) 2-Butanone (T)

4.726min (+ 0.003) 1.43 ug/L

response 4735

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	28.34#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

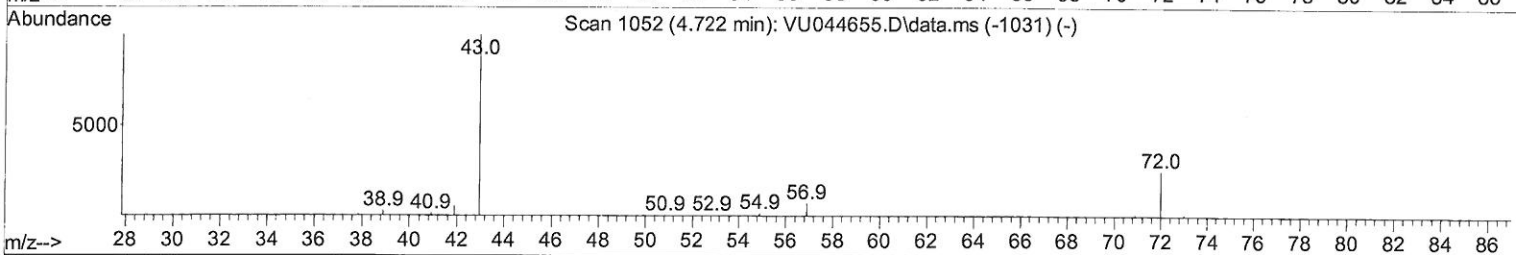
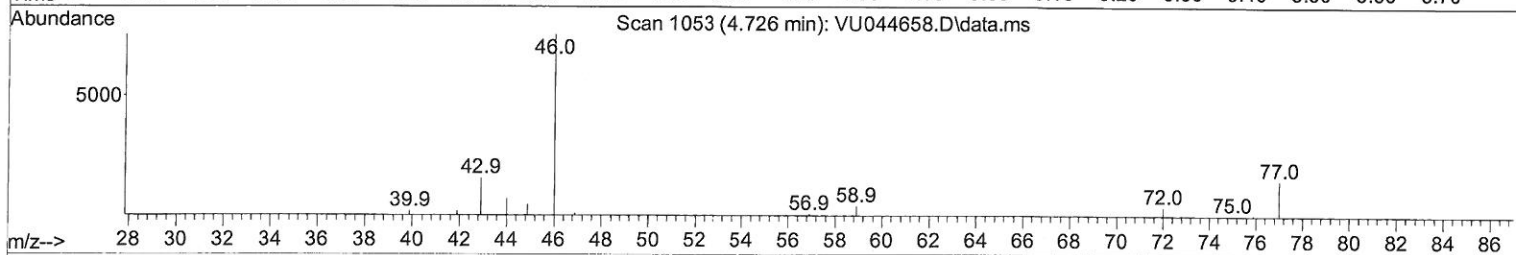
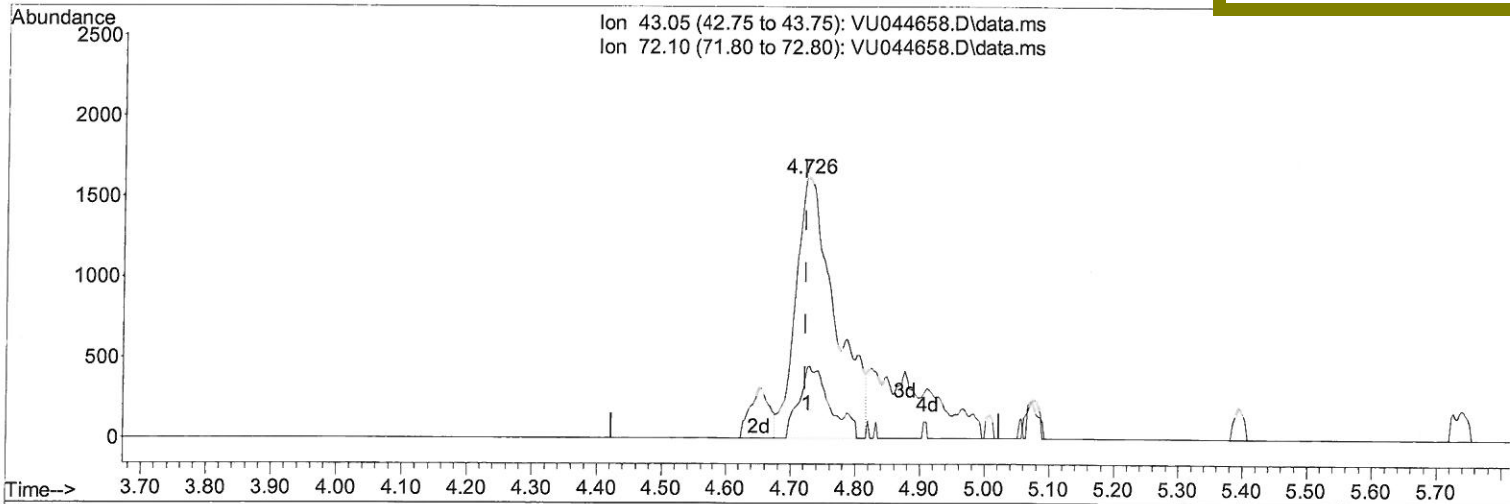
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TIC: VU044658.D\data.ms

(21) 2-Butanone (T)

4.726min (+ 0.003) 2.06 ug/L m

response 6832

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	19.64
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

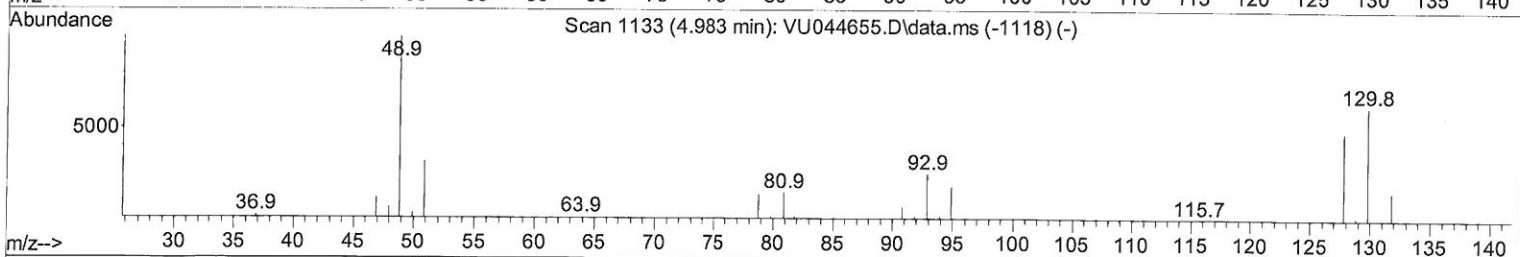
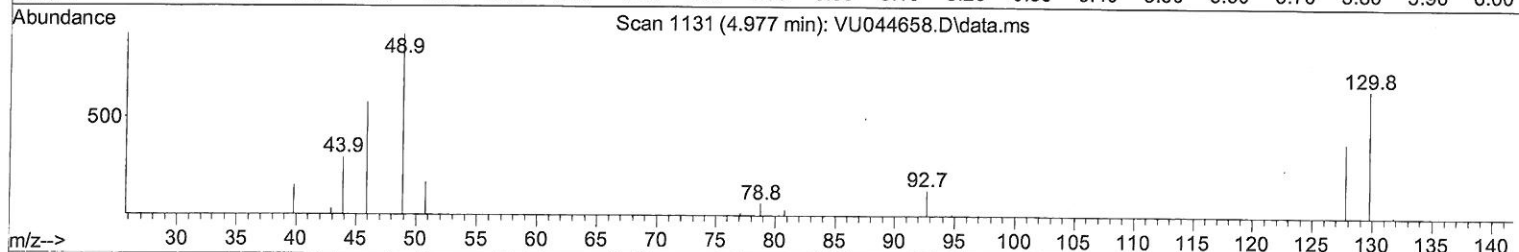
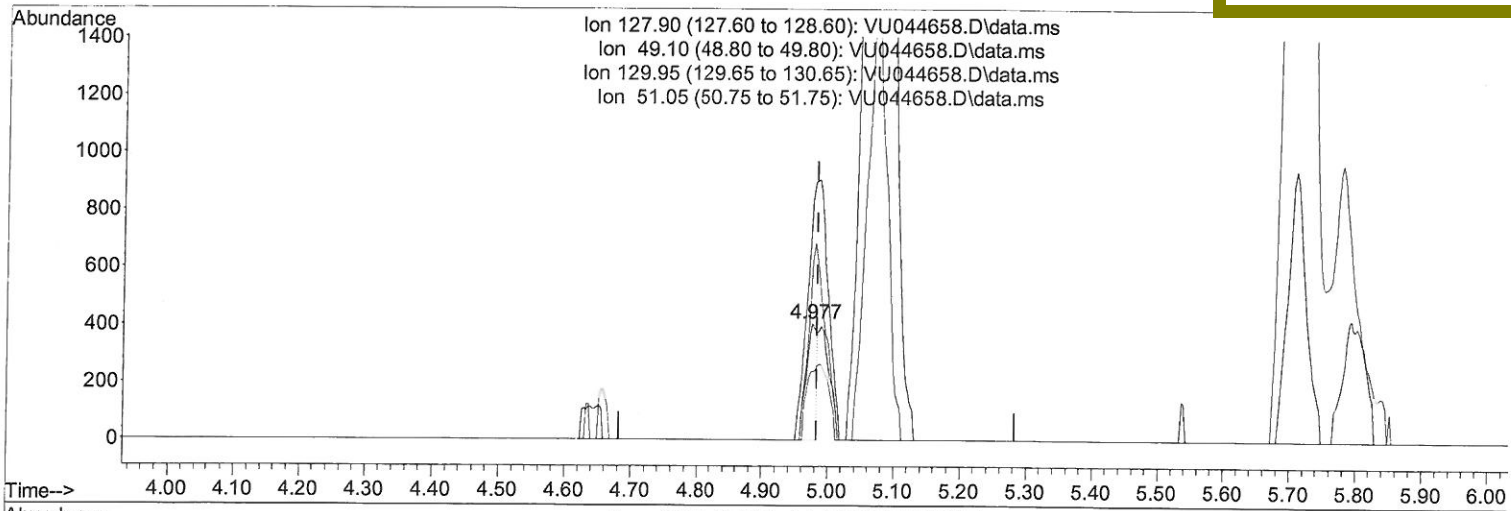
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TIC: VU044658.D\data.ms

(23) Bromochloromethane (T)

4.977min (-0.006) 0.11 ug/L

response 451

Ion	Exp%	Act%
127.90	100.00	100.00
49.10	202.00	204.67
129.95	134.70	152.09
51.05	64.20	59.21

Quantitation Report (Qedit)

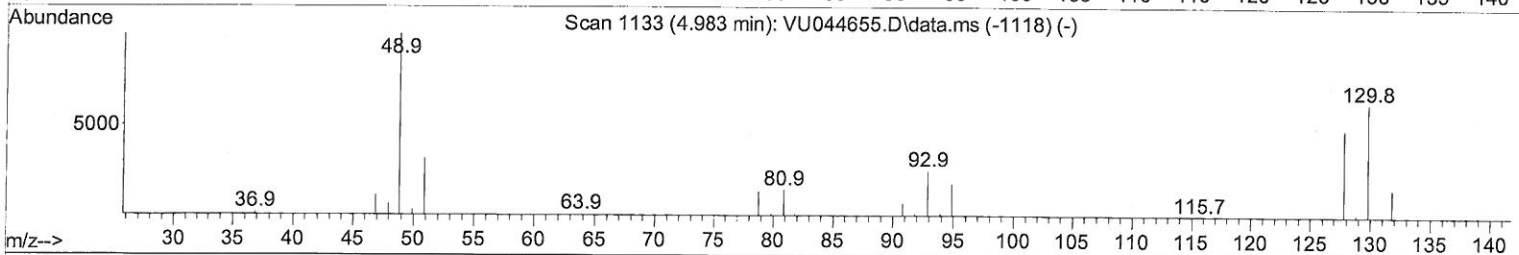
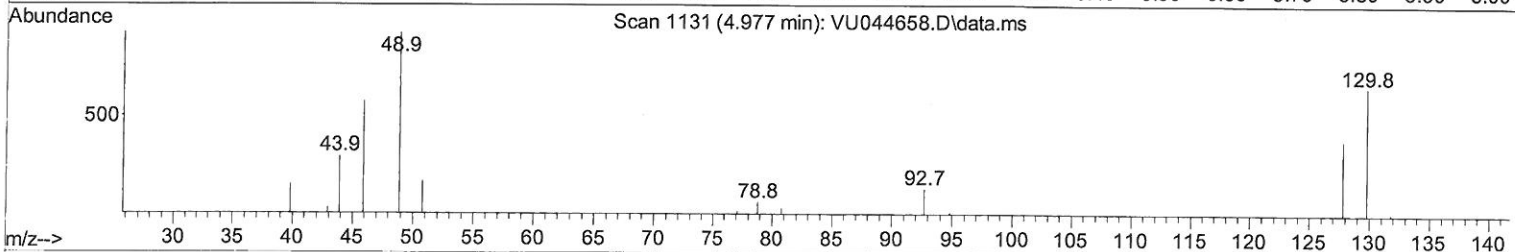
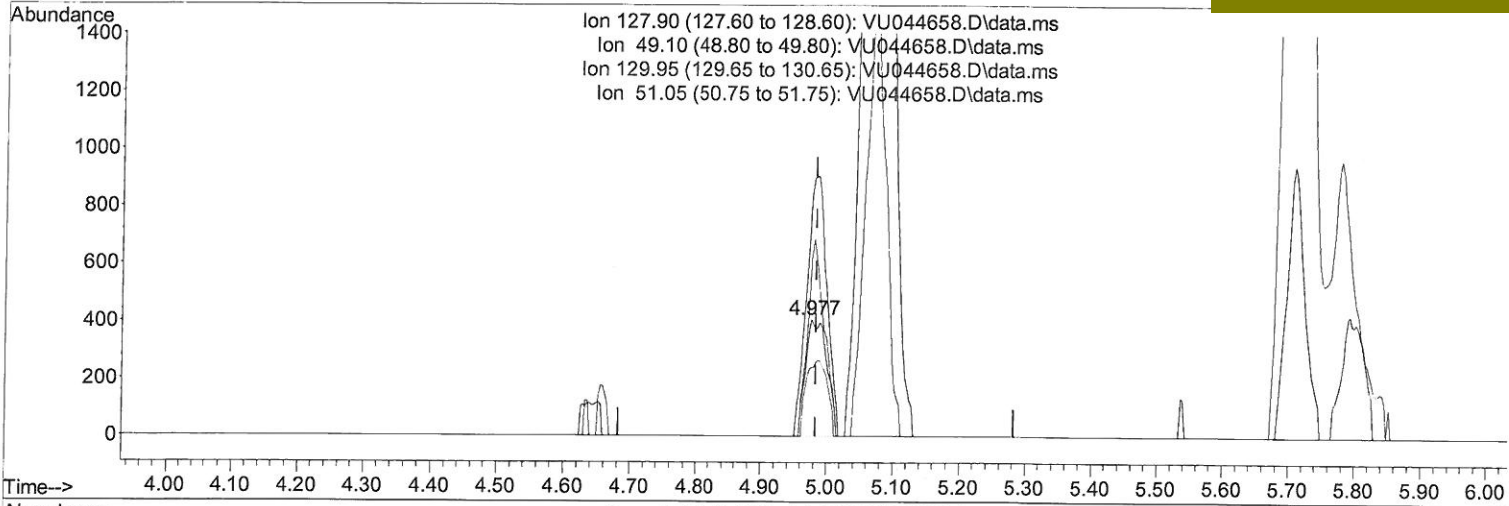
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TIC: VU044658.D\data.ms

(23) Bromochloromethane (T)

4.977min (-0.006) 0.23 ug/L m

response 922

Ion	Exp%	Act%
127.90	100.00	100.00
49.10	202.00	204.67
129.95	134.70	152.09
51.05	64.20	59.21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	123500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	124261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26425	3.626	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	72.600%		
7) Chloroethane-d5	1.919	69	31382	4.220	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.400%		
11) 1,1-Dichloroethene-d2	2.572	65	14898	4.048	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	81.000%		
20) 2-Butanone-d5	4.645	46	160767m	52.630	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	105.260%		
24) Chloroform-d	5.073	84	72489	4.729	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.600%		
26) 1,2-Dichloroethane-d4	5.710	65	43530	4.763	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.200%		
32) Benzene-d6	5.735	84	136256	4.301	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.000%		
36) 1,2-Dichloropropane-d6	6.697	67	49006	4.710	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.200%		
41) Toluene-d8	7.906	98	110221	3.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.000%		
43) trans-1,3-Dichloroprop...	8.185	79	15399	4.198	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.000%		
46) 2-Hexanone-d5	8.649	63	116886	49.583	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.160%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44317	4.803	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	96.000%		
66) 1,2-Dichlorobenzene-d4	12.198	152	41155	4.452	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.000%		
Target Compounds						
2) Dichlorodifluoromethane	1.388	85	2033	0.206	ug/L	97
3) Chloromethane	1.520	50	3239	0.274	ug/L	99
5) Vinyl chloride	1.607	62	2993	0.248	ug/L #	64
6) Bromomethane	1.861	94	1765	0.285	ug/L	85
8) Chloroethane	1.941	64	2074m	0.269	ug/L	
9) Trichlorofluoromethane	2.144	101	3313	0.244	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2181	0.261	ug/L #	82
12) 1,1-Dichloroethene	2.584	96	2005	0.253	ug/L #	1
13) Acetone	2.655	43	2833	1.424	ug/L	87
14) Carbon disulfide	2.800	76	5347	0.213	ug/L	97
15) Methyl Acetate	2.967	43	937	0.261	ug/L #	68
16) Methylene chloride	3.054	84	78978	6.260	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	4828	0.220	ug/L	94
18) trans-1,2-Dichloroethene	3.363	96	1886	0.224	ug/L	92
19) 1,1-Dichloroethane	3.880	63	4052	0.238	ug/L	98
21) 2-Butanone	4.726	43	6832m	2.057	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	2160	0.232	ug/L	89
23) Bromochloromethane	4.977	128	922m	0.234	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.096	83	6641	0.365	ug/L	94
27) 1,2-Dichloroethane	5.800	62	3021	0.254	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	3087	0.228	ug/L	95
30) Cyclohexane	5.398	56	3044	0.196	ug/L	93
31) Carbon tetrachloride	5.530	117	2185	0.206	ug/L	96
33) Benzene	5.780	78	8629	0.234	ug/L	100
34) Trichloroethene	6.549	95	2105	0.231	ug/L	93
35) Methylcyclohexane	6.771	83	3025	0.202	ug/L #	90
37) 1,2-Dichloropropane	6.800	63	2512	0.254	ug/L #	88
38) Bromodichloromethane	7.115	83	2704	0.226	ug/L	90
39) cis-1,3-Dichloropropene	7.613	75	3145	0.225	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	16819	2.187	ug/L #	90
42) Toluene	7.976	91	10465	0.272	ug/L	91
44) trans-1,3-Dichloropropene	8.218	75	3064	0.256	ug/L	89
45) 1,1,2-Trichloroethane	8.407	97	1606	0.229	ug/L	97
47) Tetrachloroethene	8.558	164	1391	0.219	ug/L	94
48) 2-Hexanone	8.697	43	19194	3.352	ug/L #	87
49) Dibromochloromethane	8.816	129	1554	0.211	ug/L	98
50) 1,2-Dibromoethane	8.931	107	1433	0.217	ug/L #	79
51) Chlorobenzene	9.452	112	5759	0.241	ug/L	96
52) Ethylbenzene	9.575	91	8527	0.204	ug/L	100
53) m,p-Xylene	9.700	106	3092	0.195	ug/L	98
54) o-Xylene	10.105	106	2953	0.195	ug/L	89
55) Styrene	10.121	104	4711	0.178	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	2448	0.259	ug/L #	93
59) Bromoform	10.298	173	649	0.186	ug/L #	94
60) Isopropylbenzene	10.491	105	7601	0.217	ug/L	98
61) 1,2,3-Trichloropropane	10.828	75	1623	0.262	ug/L	93
62) 1,3,5-Trimethylbenzene	11.092	105	5863	0.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	5767	0.193	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3667	0.224	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	3734	0.221	ug/L	96
67) 1,2-Dichlorobenzene	12.217	146	3890	0.251	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	217	0.159	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.227	180	2291	0.184	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	1802	0.172	ug/L #	94
71) Naphthalene	14.095	128	3323	0.162	ug/L #	87
72) 1,2,3-Trichlorobenzene	14.333	180	1666	0.173	ug/L	96

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