Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121319\
Data File : VY000939.D
Acq On : 13 Dec 2019 11:32
Operator : SY/MD
Sample : K4649-01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 05:57:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 09:49:35 2019
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
A5167

Manual Integrations APPROVED
apatel
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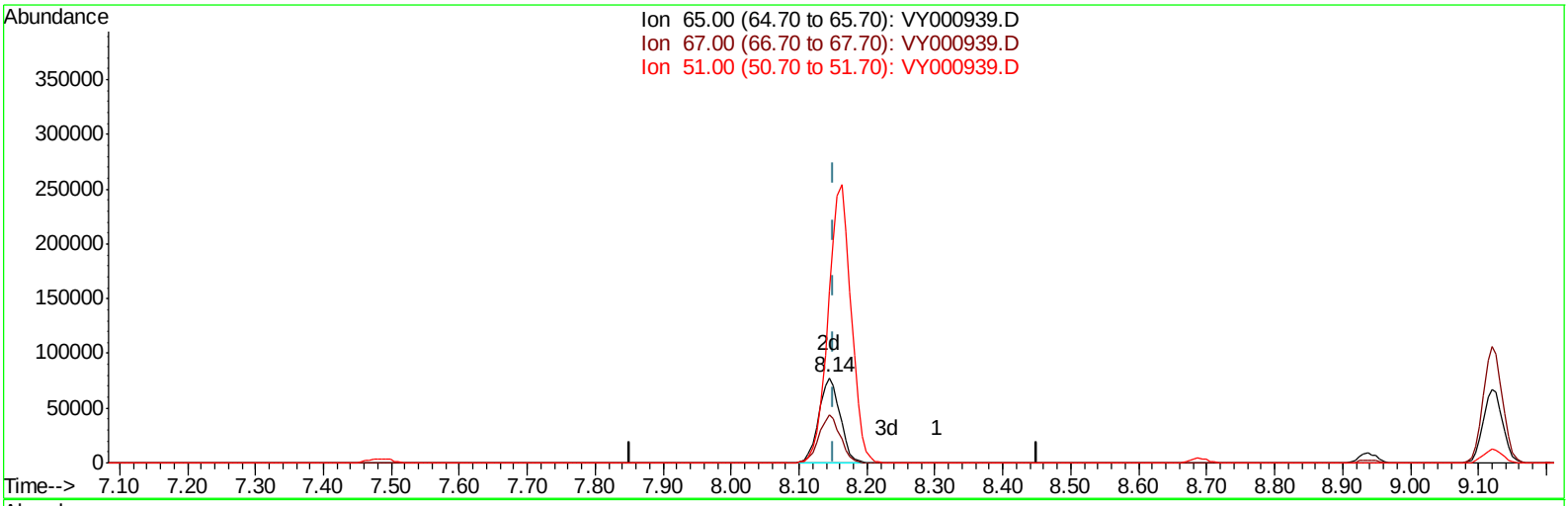

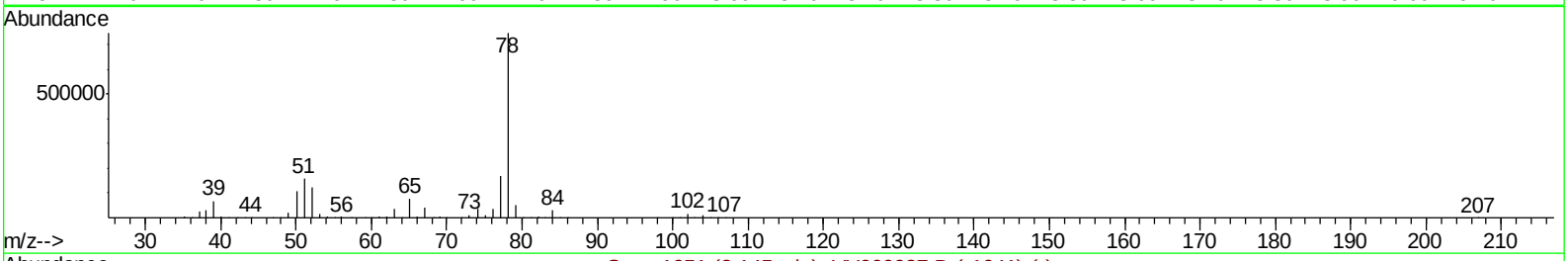

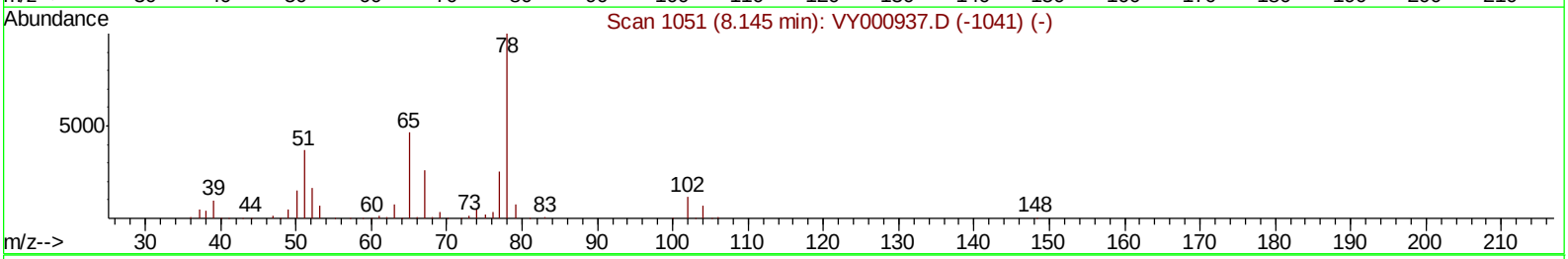

TIC: VY000939.D

(26) 1,2-Dichloroethane-d4 (S)

8.144min (-0.006) 22.50ug/L m

response 169139

Ion	Exp%	Act%
65.00	100	100
67.00	53.60	0.02#
51.00	104.90	0.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Dec 14 06:08:01 2019
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Quant Title : VOC Analysis
QLast Update : Tue Nov 12 09:49:35 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	477724	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	436547	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	204702	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.24	65	136762	18.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.16%			
7) Chloroethane-d5	2.75	69	137109	21.62	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.48%			
11) 1,1-Dichloroethene-d2	3.86	63	578931	45.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 183.36%#			
21) 2-Butanone-d5	6.89	46	181301	56.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.48%			
24) Chloroform-d	7.48	84	287065	23.06	ug/L	-0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.24%			
26) 1,2-Dichloroethane-d4	8.14	65	169139m	22.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	8.11	84	637053	25.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.96%			
36) 1,2-Dichloropropane-d6	9.12	67	210752	27.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.56%			
41) Toluene-d8	10.17	98	575521	24.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.12%			
43) trans-1,3-Dichloropropene-	10.44	79	90098	23.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.80%			
47) 2-Hexanone-d5	10.78	63	144352	59.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.90%			
56) 1,1,2,2-Tetrachloroethane-	12.55	84	205582	24.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.72%			
66) 1,2-Dichlorobenzene-d4	13.72	152	198745	24.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.44%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.87	96	711464	112.119	ug/L #	76
13) Acetone	3.94	43	8258	2.709	ug/L	97
16) Methylene chloride	4.71	84	7524m	0.966	ug/L	
33) Benzene	8.16	78	3372991	117.644	ug/L	100
34) Trichloroethene	8.94	95	826939	109.292	ug/L	93
42) Toluene	10.24	91	3554668	116.096	ug/L	99
51) Chlorobenzene	11.51	112	2262614	115.691	ug/L	97

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

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ClientSampleId :
A5167

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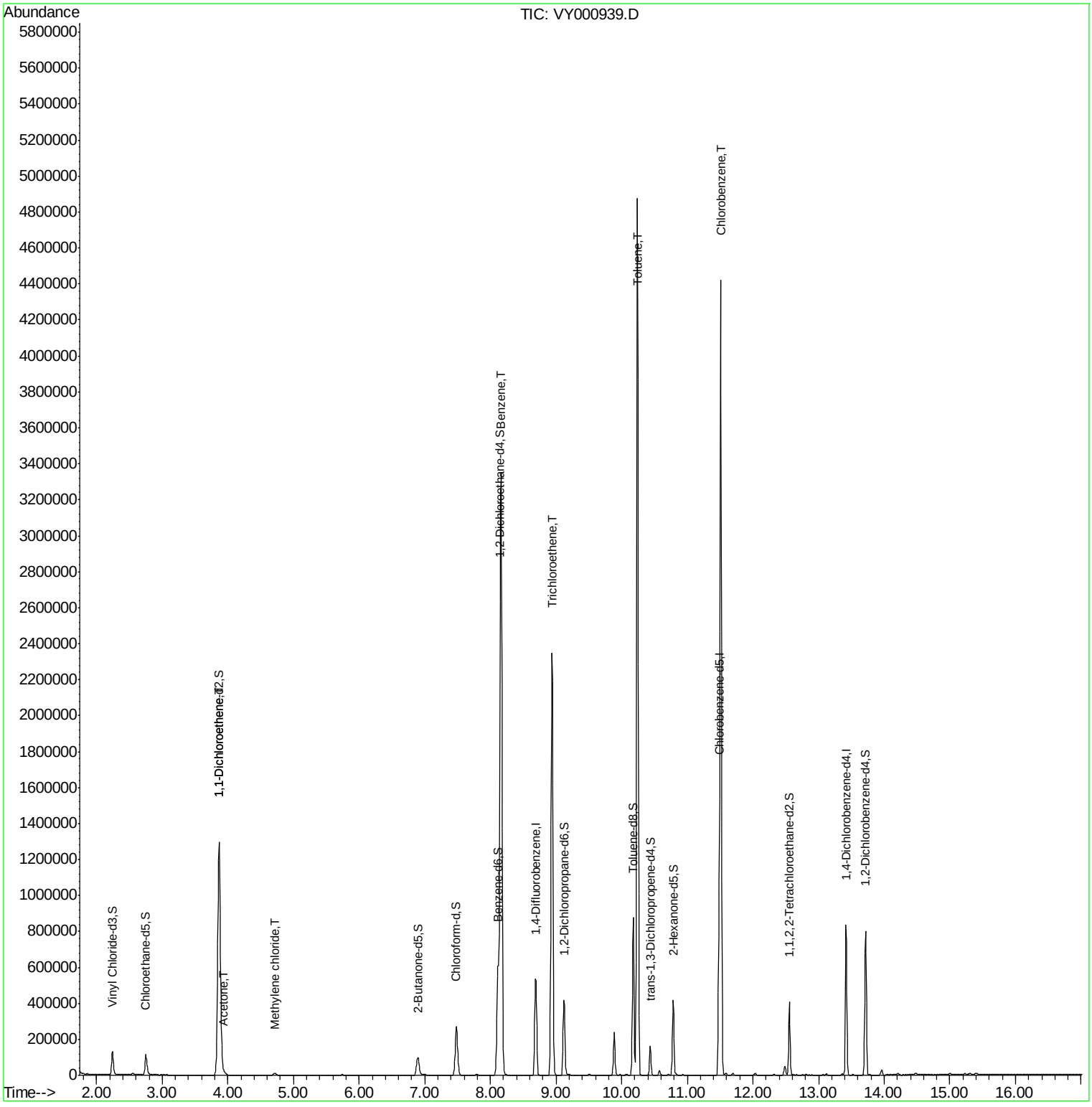

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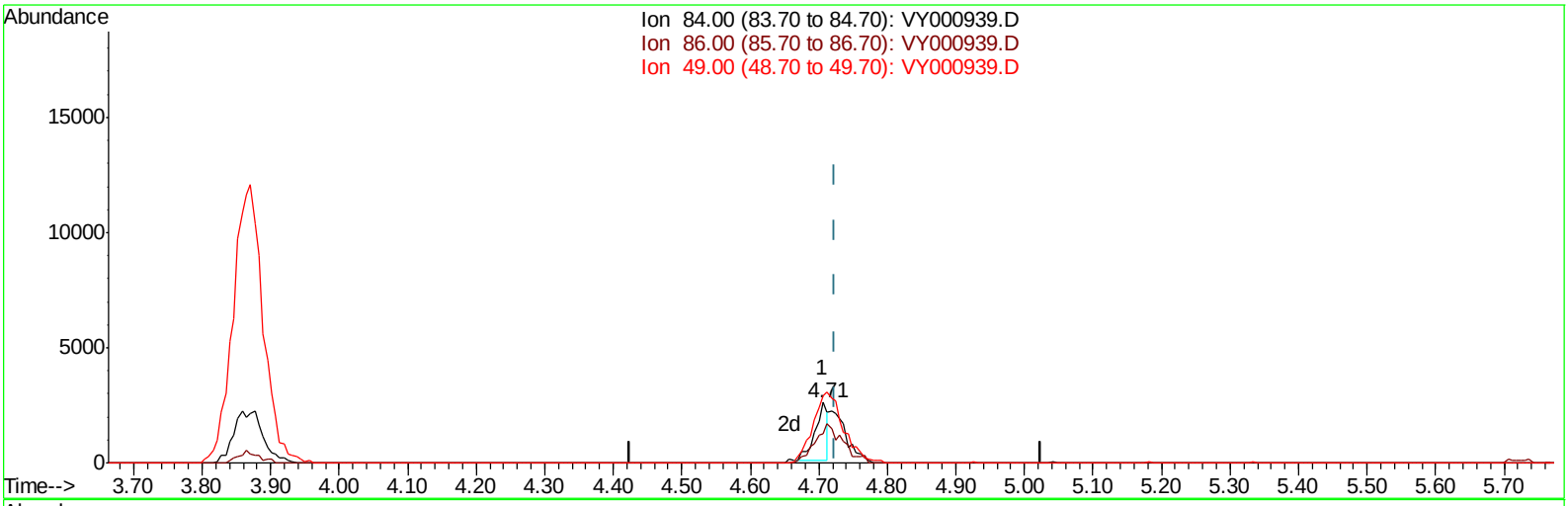

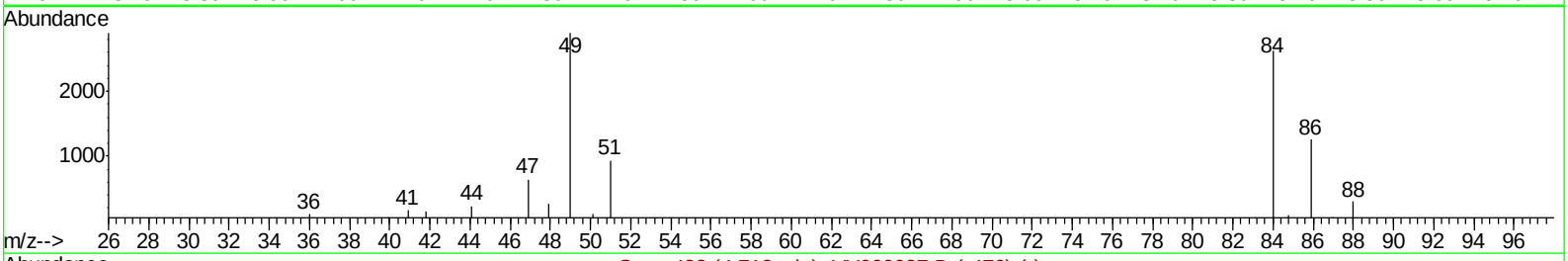

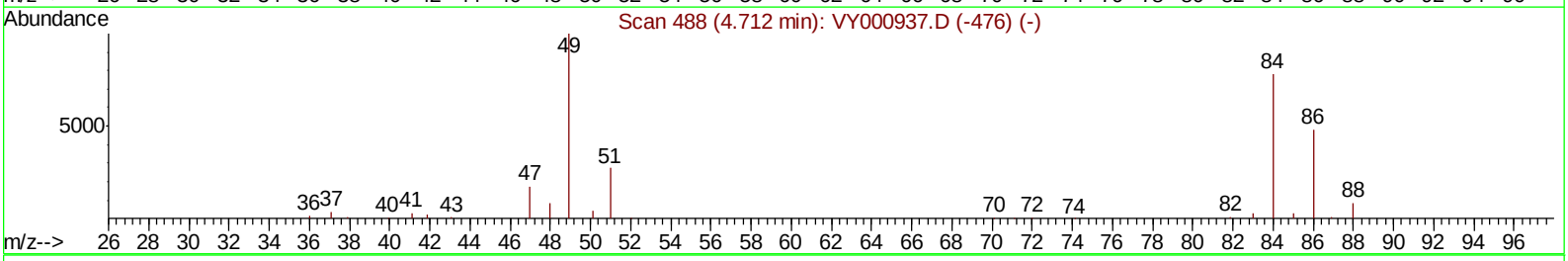

TIC: VY000939.D

(16) Methylene chloride (T)

4.706min (-0.019) 0.42ug/L

response 3268

Ion	Exp%	Act%
84.00	100	100
86.00	62.00	48.11
49.00	131.80	110.72
0.00	0.00	0.00

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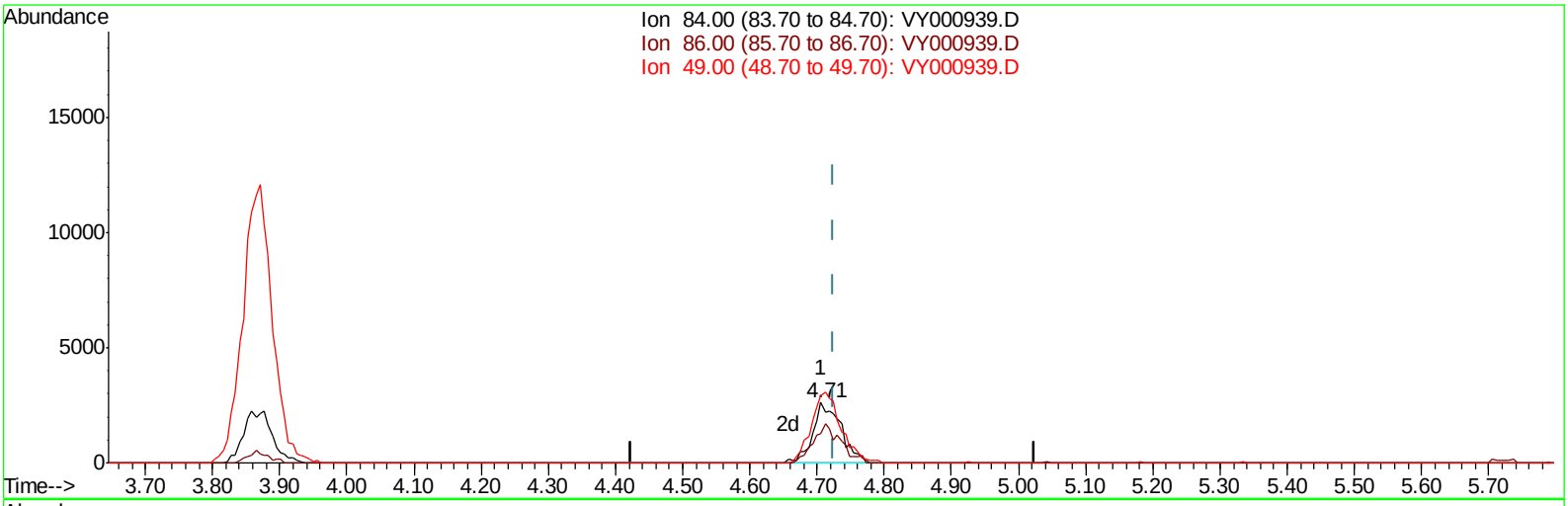

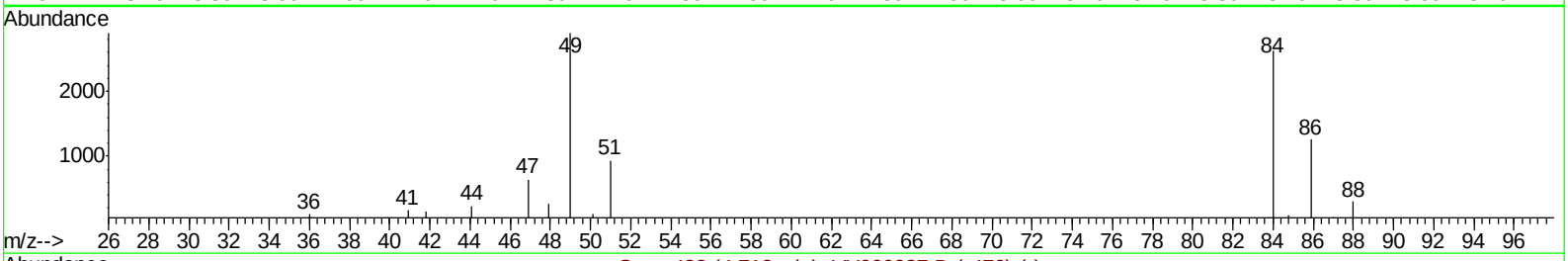

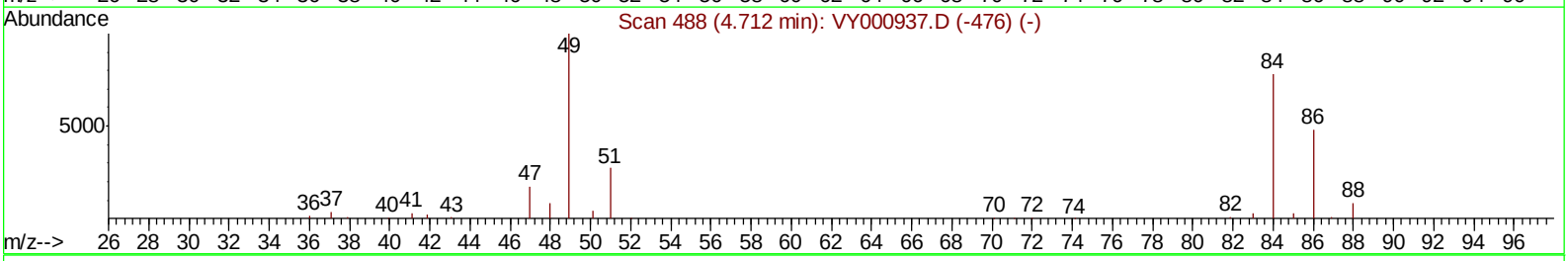

TIC: VY000939.D

(16) Methylene chloride (T)

4.706min (-0.019) 0.97ug/L m

response 7524

Ion	Exp%	Act%
84.00	100	100
86.00	62.00	48.11
49.00	131.80	110.72
0.00	0.00	0.00

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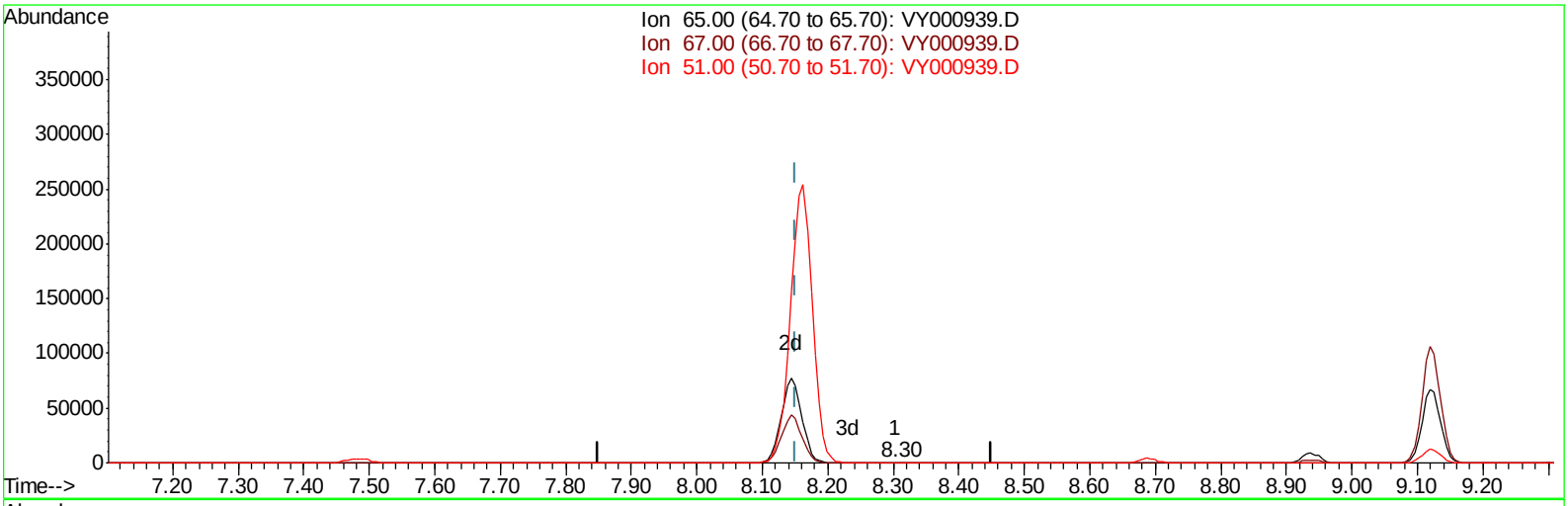

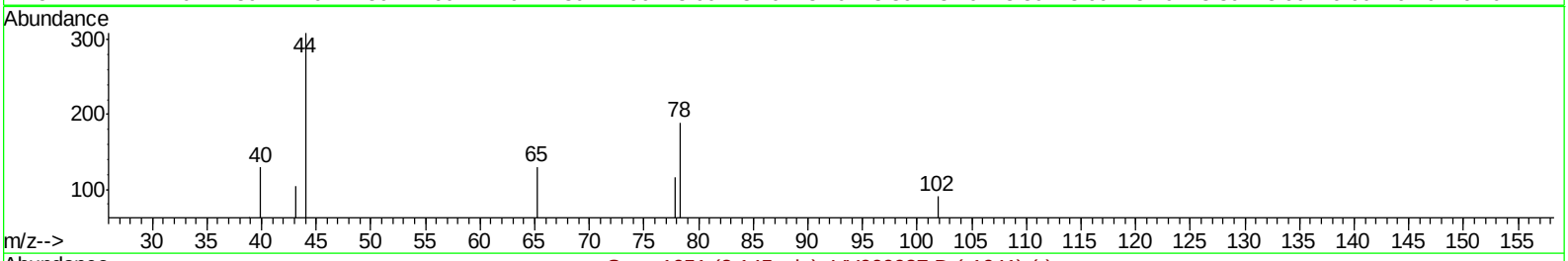

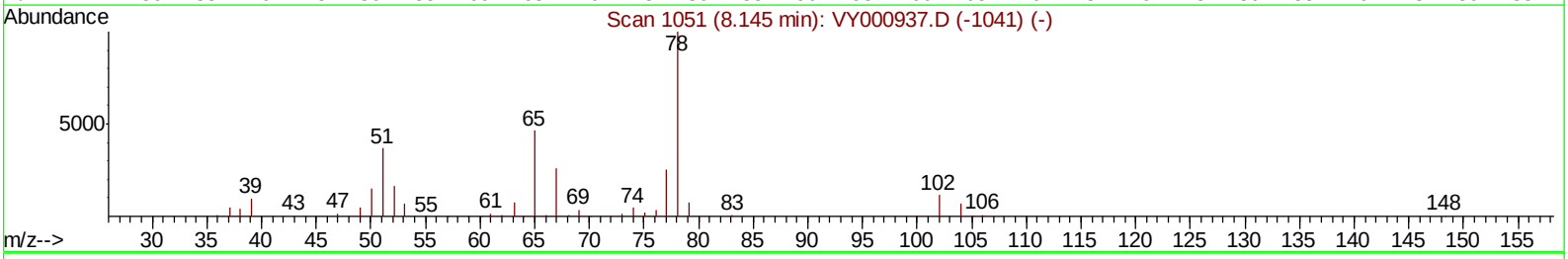

TIC: VY000939.D

(26) 1,2-Dichloroethane-d4 (S)

8.303min (+0.152) 0.01ug/L

response 79

Ion	Exp%	Act%
65.00	100	100
67.00	53.60	53.16
51.00	104.90	93.67
0.00	0.00	0.00